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### LIST OF

# Central Stations

### IN

# United States, Canada and Mexico

## APRIL, 1916

## Key to Signs Following Reports of Central Stations

| | |
|---|---|
| L | Lighting Companies |
| T | Power Transmission Companies |
| N | Lighting and Power Transmission Companies |
| R | Lighting, Ry, and Power Transmission Companies |
| H | Companies doing steam heating |
| I | Companies manufacturing ice |
| D | Companies having Day service |
| S | Steam power |
| W | Water power |
| G | Gas power |
| C | Direct current |
| X | Alternating current when phase is not given |
| 1 | Single-phase, a. c. circuit |
| 2 | 2-phase, a. c. circuit |
| 3 | 3-phase, a. c. circuit |
| ¶ | Purchasing Agent |
| ✠ | Companies carrying electrical supplies |
| ★ | Any change in officials since last issue |
| § | Companies not previously reported |

The figures at the end of the line following the reports indicate the date of the last report received from the company, the first figure indicating the month and the last the year; thus, 125 indicates December, 1915; 75 indicates July, 1915, etc.

The capital is that given by the companies and represents the amount of stock issued. Bonds are also given in every case where reported, and represent the amount outstanding unless otherwise stated.

**For Summary of Lighting Companies Reported in This Issue by States, See Page Immediately Following This List.**

# KEY TO ABBREVIATIONS USED IN LIST OF CENTRAL STATIONS

| | |
|---|---|
| A. B. | Adams Bagnall |
| Allen | Wm. Allen & Sons |
| A. B. C. | American Blower Co. |
| a. c. | alternating current |
| Alamo | Alamo Eng. Supply Co. |
| Allis C. | Allis Chalmers Co. |
| Am | American Engine |
| American | American Transformer Co. |
| amp | ampere |
| arcs | arc lights in use |
| A & R | Abendroth & Root |
| A & S | Armington & Sims |
| A. & T. | Aultman & Taylor |
| Atlas | Atlas Engine Wks. |
| Asst | Assistant |
| Ault | Aultman |
| b | boiler |
| Bab. & W | Babcock & Wilcox |
| Baker | Baker Ice Mch. Co. |
| Ball | Ball Engine Co. |
| Bates | Bates Mach. Co. |
| belt | belted |
| Big | Bigelow |
| B'ham | Birmingham |
| Bckye | Buckeye |
| bds | bonds |
| Bonus-Kenn | Bonus Kennicott |
| Brnl | Brownell |
| Bros | Wm. Bros Boiler Mfg. Co. |
| Brown | Brown Engine Co. |
| B. & Mac | Bruce & MacBeth |
| Buffalo | Buffalo Forge Co. |
| Bull | Bullock |
| Busch-Diesel | Busch Sulzer Bros.-Diesel Engine Co. |
| B.M. A. | Bruce-Meriam-Abbott Co. |
| B. & W. | Ball & Wood |
| Cam | Camden |
| cap | capital |
| C & C | C. & C. Elec. |
| Ch | Chief |
| Chlo. Accr | Chloride Accumulator |
| Chm | Chairman |
| Chase | Chase Turbine Mfg. Co. |
| C. I. W | Chickesaw Iron Wks. |
| Chuse | Chuse Engine Co. |
| cir | circuit |
| City cont | city contract |
| Clark | Jas. Clark, Jr., Elec. Co. |
| Clomb | Clombrook Boiler Co. |
| Coates | Coatesville |
| Cole | Cole Mfg. Co. |
| Columbus | Columbus (O.), Machine & Tool Co. |
| Com | Commercial |
| Comn | Commission |
| Comrs | Commissioners |
| Comm | Committee |
| Consol | Consolidated |
| C. I. W | Continental Iron Wks. |
| Conv | Converters |
| Cor | Corliss |
| c. p. | candle power |
| Cpr | C. & G. Cooper |
| Cpr.-R | Cooper-Roberts |
| C. & B. | Copeland & Bacon |
| C. G. E. | Canadian Gen. Elec. |
| C. & T. | Chandler & Taylor |
| C.-W | Crocker-Wheeler |
| C. & H. | Casey & Hedges |
| C. & Z. | Campbell & Zell |
| Cungh | Cunningham |
| Cys | Cycles |
| Dayton | Dayton-Globe Iron Works Co. |
| De L. | De Laval |
| De L. V. | De La Vergne |
| d. c. | direct current |
| distrbn | distiibution |
| Det | Detroit |
| D. & C. | Dick & Church |
| D.&D. | D. & D. Electric Co. |
| D. & H. | Deremer & Hug Wtr. Wks. Co. |
| Dies | Diesel Engine |
| Dowling | Wm. Dowling & Co. |
| Dun | Duncan |
| dyn | dynamo |
| e. | engine |
| Ed | Edison |
| Edge | Edgemoor |
| Elec | Electric |
| E. M. | Elec. Mfg. Co. |
| Elec. Mch | Electric Machinery Co. |
| E. S. B. | Electric Storage Battery Co. |
| Elecn | Electrician |
| Electro | Electroliers |
| Ellis | E. P. Ellis |
| Engberg | Enbergs Elec. & Machine Works |
| enc | enclosed |
| Engl | English Iron Wks. |
| Engr | Engineer |
| Erie | Erie Mfg. & Supply Co. |
| Erie City | Erie City Iron Works |
| Erie Eng. | Erie Engine Wks |
| Ex | Excelsior |
| Exc | Exciter |
| F. M. & Co. | Fairbanks, Morse & Co. |
| Fishkl | Fishkill |
| Fitch | Fitchburg |
| Flanner | Flanner Boiler Co. |
| Flemg | Fleming, Harrisburg |
| Ft. W | Ft. Wayne |
| F. & C. | Frazer & Chalmers |
| Frmn | Freeman |
| Frem | Fremont Fdry. & Mch. Co. |
| Freq. Chgr | Frequency Changer |
| Frost | Frost Mfg. Co. |
| F. & S. | Filer & Stowell |
| G. E. | General Electric |
| Gen | Generators |
| Globe | Globe Elec. Co. |
| G. & McC. | Goldie & Mc-Cullough |
| G. S. B. | Gould Storage Battery |
| Green | Greenwald |
| G. & W. | Griffith & Wedge |
| Habkn | Haberkorn Engine |
| Ham | Hamilton |
| H. & T. | Hardie & Tyne |
| Harris | Wm. A. Harri Stm. Eng. Co. |
| Har | Harris |
| Hawkes | Hawkes Boiler |
| Haz | Hazelt |
| H.-A. | " Hornsby-Akroy |
| H. M. & B. | Harrisbu Mfg. & Boi |
| Heis | Heis |
| Heine | Heine Saf Boiler |
| Hendrie & B. | Hendrie Bolth |
| Hendy | Joshua Her |
| Hess | Hess Iron Wo |
| H. F. & M. | Harrisbu Foundry & M |
| Herc | Hercu Iron W |
| Hewes | Hewes & Phill |
| Hol | Holy |
| H. O. & R. | Hooven, Ow & Rentsch |
| hp | horse-po |
| hrs | ho |
| Ht | H |
| H. S. & G. | Houston, Sta wood & Gam |
| H. & B. | Hoffman & Billin |
| H. & P. | Hewes & Phill |
| Hunt | Hunt Machine |
| Ideal | Ideal Eng. |
| Ide | A. L. Ide & So |
| Illg | Illuminati |
| Inc | Incandesce |
| Incorp | Incorporat |
| incs | incandescent ligh in u |
| Indpls | Indianapolis Boil C |
| Internl. or I. H. C. | Inte national Harvester C |
| irrig | irrigati |
| I. S. P. | Intern'l Str Pump. C |
| J.-Mc | Jolly-McCormac |
| J. & J. | Johnston & Jennin |
| K. C. | Kansas Ci |
| Kengtn | Kensingto |
| Kerr | Kerr Turbine C |
| Kew | Kewanee Boiler C |
| kwh | kilowatt ho |
| K. F. & M. | Kingsford Fou dry & Mc |
| K. & K. | Knowlson & Kelle |
| Kroeschell | Kroesch Bros. |
| Kuhl | Kuhlman Elec. |
| kw | kilow |
| Lans | Lans |
| LaR | LaRoc |
| L. & B. | Lane & Bodl |
| Lauson | Jno. Lauson M |
| Leb | Leban |
| Lef | Lef |
| Lidell | Lidell Engine |
| Lt | Lig |
| Ltg | Lighti |
| Lomb | Lomba |
| Lookout | Lookout Boil Wk |
| lumn | lumino |
| Lyons | Lyons Boiler Wk |
| Mad | Madison, |
| magn | mag |
| Mgr | Mg |
| Manistee | Maniste |
| Manitowac | Manitow Boiler Wk |

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| | |
|---|---|
| McC | McCormick |
| McDonald | McDonald Boiler Co. |
| McE | McEwen |
| McI. & S | McIntosh & Seymour |
| McKinnon | McKinnon Iron Wks. |
| McLaughlin | McLaughlin & Main |
| M. M | Master Mechanic |
| Michl | Michaelman |
| mdnt | midnight |
| Mil | Milwaukee |
| Minpl | Minneapolis |
| Mirrless | Mirrless Bickerton & Day |
| Mohr | Jno. Mohr & Son |
| mcy | monocyclic |
| mo | motor |
| moonlt. | moonlight schedule |
| Morris | I. P. Morris Co |
| mult | multiple |
| Mun | Munson Nagel |
| Munic | Municipal |
| Mur | Murray Iron Wks. |
| Musk | Muskegon |
| M. & W | Meitz & Weiss |
| Nagel | Nagel Engine & Boiler Wks. |
| Natl | National |
| N. B | New Britain |
| Nitro | Nitrogen |
| N. & Burn | Norrish & Burnham |
| N. H | New Haven |
| N. Y. S | N. Y. Safety Steam Pwr. Co. |
| Nord | Nordberg |
| Northn | Northern Elec. Mfg. Co. |
| nt | night |
| O'Br | O'Brien |
| Oil City | Oil City Boiler Wks. |
| Orna | Ornamental |
| Pars | Parsons |
| Penn | Pennsylvania |
| Pet | Petroleum Iron Wks. |
| ph | phase |
| Phila. Stor | Philadelphia Storage Battery Co. |
| Phoen | Phoenix |
| Pitts | Pittsburgh |
| Pres | President |
| Pur. Agt | Purchasing Agt. |
| P.-H | Porter-Hamilton |
| Pier | Pierpont |
| Platt | Platt Iron Wks. |
| Por-A | Porter-Allen |
| Pro | Producer |
| Prov | Providence |
| Pyne | W. T. Pyne Mill & Supply Co. |
| Pwr | Power |
| Quak. City | Quaker City |
| Quincy | Quincy Engine Wks. |
| Rath.-J | Rathbun-Jones Engrg. Co. |
| rect | rectifier |
| Rel | Reliance |
| Rey | Reynolds |
| Ridg | Ridgway |
| Risd | Risdon |
| Robb M | Robb-Mumford |
| Roberts | Roberts Safety Wtr. Tube Boiler Co. |
| Roch | Rochester |
| rot | rotary |
| Ruemmeli | Ruemmeli-Dawley Mfg. Co. |
| Rus | Russell |
| Ry | Railway |
| R. & F | Rankin & Fritsch |
| R. & S | Rice & Sargent |
| Scam | Scammon |
| Schof | Schofield |
| Schuy | Schuyler |
| Scott | Scottdale Foundry & Mch. Co. |
| Sec | Secretary |
| S. C | Sioux City |
| S.-D. Co | Sinker-Davis Co. |
| Seager | Seager Engine Wks. |
| S. F. & M | Southwark Foundry & Mch. |
| Shef | Sheffield Gas Engine Co. |
| Skinr | Skinner |
| S.-M | Sawyer-Man |
| Smith | S. Morgan Smith Co. |
| Snow | Snow Stm. Pump Wks. |
| soc | socket |
| Southn | Southern Engine & Boiler Wks. |
| s. ph | single phase |
| Spgf | Springfield |
| Supt | Superintendent |
| Stan | Stanley |
| Star | Star Sheet Iron Wks. |
| Std | Standard |
| Sterling | Sterling Cons. Boiler Co. |
| Stewart | Stewart & Dillon |
| Stir | Stirling |
| St. Line | Straight Line |
| Strait | W. N. Strait Mfg. Co. |
| Sturt | Sturtevant |
| S.-V. & Co | Smith-Valle & Co. |
| S & B | Stillwell & Bierce |
| S & H | Siemens & Halske |
| S.-W | Struthers-Wells |
| Swamp | Swampscott |
| Terry | Terry Steam Turbine Co. |
| Transf | Transformer |
| Trans | Transmission |
| Treas | Treasurer |
| T.-B | Taylor-Beck |
| T.-H | Thomson-Houston |
| T.-R | Thompson-Ryan |
| 3 Riv. | Three Rivers Elec. Co. |
| T. & W | Tippett & Wood |
| Titus | Titusville Iron Co. |
| Tri | Triumph Elec. Co. |
| Trump | Trump Mfg. Co. |
| T. C | Twin City |
| tot | total |
| tublr | tubular |
| Tudor | Tudor Boiler Mfg. Co. |
| turb | turbine |
| Undgrd | Underground |
| U. E. I | United Electric Improvement Co. |
| U. I. W | United Iron Wks. |
| U. S. Lt | U. S. Ltg. & Htg. Co. |
| v | volts |
| Valley | Valley Iron Wks. |
| Van D | Van Depoele |
| Vil | Vilter |
| V. Pres | Vice Pres. |
| W. G. E | West. Gas Engine |
| W. & W | Walsh & Widner |
| W. S. M | Wellman, Seaver, Morgan |
| W. & A | Wright & Adams |
| Wag.-B | Wagner-Bullock |
| Warn | Warren Elec. Co. |
| Watertn | Watertown |
| W.-C | Watts Campbell |
| W. C. & L | Webster Camp & Lane Co. |
| W. E | Western Electric |
| West. or Westg. | Westinghouse |
| Weth | Wetherill |
| Whlk | Wheelock |
| Wick | Wickes Boiler Co. |
| Wis | Wisconsin |
| Wks | Works |
| Wms | Williams |
| W. & R | Willans & Robinson |
| Wolfe | Fred W. Wolfe Co. |
| Worth | Worthington |
| Wtr | Water |
| York | York Steam Boiler Co. |

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## ALABAMA.

**ABBEVILLE,** 1,141—*Munic. Lt. & Wtr. Plant; cost $12,000.
Mayor, W. P. Saunders..........Abbeville
Clerk, J. A. Saunders........... "
Treas. Frank Murphy........... "
Supt. W. A. McClellan........... "
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Hamilton (Cor.); 250 hp. b. Cole & Hartley.
11 city arcs Ft. W. 6.6 amp; 1200 incs. 25-100 w.; no charge; coal $3.30.
L S 3 ✢ 23

**ALEXANDER CITY,** 1,710—Munic. Lt. & Wtr. Works; cost $30,000; bds. $20,000.
*Mayor T. C. Russell. ...Alexander City
Supt. Ch. Engr. & Elecn. J. A. Coley "
2 d. c. inc. J. C. & Co. 35 kw. 250 v; no day cir; 150 hp. e. H. & T; 200 hp. b. Cole. All nt; coal $2.50.
C L S ✢ ★36†

**ALICEVILLE,** 640—Aliceville Elec. Co.; cap. outstg. $6,500; bds. $2,300.
*¶ Pres. & Mgr.
Wm. F. Wolff.................Aliceville
Sec. & Treas.
B. H. Somerville............. "
1 a. c. G. E. 60 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110-220 v; 80 hp. e. Brnl; 50 hp. b.
Shavings. (Supplies energy to City Wtr. Wks).
L S I ✢ 16

**ANDALUSIA,** 2,480—Andalusia Lt. & Pwr. Co.; cap. $35,000; bds. $60,000.
Pres. J. D. Henderson............Sanford
V. Pres. G. O. Waits...........Andalusia
Sec. & Treas. A. C. Darling........"
*¶ Mgr. J. L. Knox..................."
¶ Gen. Supt. H. Z. Wilkinson......"
Engr. Pwr. Sta. John Johnson... "
2 a.c. G.E. tot. 140 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 240 hp. e. Valley, Harrisbg; 300 hp. b. W. & W.
City cont. 19 arcs G. E. 450 w. $85 per yr; 52 incs. G. E. 80-100 w. $24 per yr; moonlt; coal $2.65.
D L S 1 3 25

**ANNISTON,** 12,794—Alabama Pwr. Co., (Anniston Div.) Office, 930 Noble St. For executive officers, see Birmingham.
Local Mgr. A. L. Kenyon.........Anniston
Local Audr. L. W. Jackson "
Gen. Supt. J. F. Knowlen ... "
Energy from Lock No. 12; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. 3 ph. 60 cys.
City cont. 108 arcs G. E. 6.6 amp. $70 per yr; all nt. (Also lts. the town of Oxford and Hobson City.)
D R 3 ★26

**ATHENS,** 1,715—*Munic. Elec. Lt. Plant; cost $6,000.
¶Pur. Agt. L. L. Cola..............Athens
Supt. & Engr. Pwr. Sta.
Sam White..................... "
2 a. c. C.-W. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 3 ph. 60 cys; 600 hp. e. Terry; 400 hp. b. Walton.
30 arcs; 3500 incs (meter); moonlt; coal $2.65.
D L S 3 72

**ATMORE,** 1,000—W. M. Carney Mill Co.
Pres. H. H. Patterson............Atmore
V. Pres. W. J. Grubbs ........... "
*Mgr. Elec. Dept., Fred Sintes.... "
2 a. c. G. E. West. tot. 325 kva. 2300 v. 3 ph. 60 cys; day & nt. service; 1 Skinr. engine—hp; 125 hp. e. H. & T. Cor.
City cont. 40 series incs. 80 c. p. $12 per yr; moonlt; wood. (Also lts. McCay and Canoe Station.)
D L S 3 ✢ 25

**ATTALLA,** 2,513—Alabama Pwr. Co., (Attalla Div.). For executive officers, see Birmingham.
Local Audr. Robert Jones..........Attalla
Energy from Lock No. 12; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 60 cys.
City cont. 28 arcs 2200 c. p. $50 per yr; 2 incs. 110 c. p. $18 per yr.
D R X ✢ ★26

**AUBURN,** 1,800—*Alabama Polytechnic Institute.
¶ Mgr. W. W. Hill................Auburn
Engrs. Pwr. Sta. R. L. Wood..... "
F. E. Hallmark. "
J. S. Sweat..... "
2 a. c. Allis-C, Westg. tot. 175 kw. 2200-220-110 v. 3 ph. 60 cys; 1 d. c. G. E. 35 kw. 110 v; a. c. day & nt. ltg. & mo. cir. 220-110 v; d. c. day & nt. ltg. cir. 110 v; 300 hp. e. Bckye, Am, Ball; 300 hp. b. Heine, Stir.
Coal $3.60. (Plant furnishes current for pwr. and ltg. to College and town of Auburn).
C D H L S 3 ✢ 23

**AVONDALE,** 3,060—Birmingham Ry., Lt. & Pwr. Co. See Birmingham.

**BESSEMER,** 10,864—Birmingham Ry., Lt. & Pwr. Co. See Birmingham.

**BIRMINGHAM,** 132,685—Birmingham Ry. Lt. & Pwr. Co. Office, 2100 1st Ave. (Controlled by the American Cities Co.); cap. outstg. $3,500,000 (prfd.), $3,900,000 (com.); bonds outstg. $15,184,000.
Pres. J. S. Pevear..............Birmingham
V. Prests. L. C. Bradley, Empire Bldg..... "
Gen. Mgr. J. P. H. deWindt "
*Sec.-Treas. J. P. Ross...... "
Audr. R. O. Launey........... "
Com. Mgr. F. Hammond.... "
¶ Pur. Agt. C. T. Doerr...... "
Supt. Ltg. F. V. Underwood. "
Supt. Gas, J. E. Montgomery "
Supt. Stm. Ht. J. B. Bell.... "
Supt. W. & S., L. L. Newman "
Engr. Pwr. Sta. C. T. Christian "
5 a. c. G. E, Allis C. tot. 14,300 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 3600 kw. 550 & 220 v; a c. day & nt. ltg. cir. 113 v; d. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d. c day & nt. mo. cir. 220-110 v.; trans. volt. 13,000 v; 10,600 hp. e. B'ham; 11,000 kw. turb. (stm). G. E. Curtis, Allis-C; 16,800 hp. b. Bab. & W. Pwr. sta. used as a "standby" only; purchases energy from Alabama Pwr. Co; 7 transf. G. E, West. tot. 6000 kw; 10 rot. conv. West, G. E. tot. 8050 kw; steam heating system.
City cont. 800 series arcs enc. G. E. 7.5 amp. $54 per yr; 313 Mazdas 60 c. p. $18 per yr; all nt; coal (for stm. htg. system only) $1.45. (Co. lts. Birmingham and suburbs and Bessemer.)
C D H R S 3 ★125

Alabama Power Co., Office, Brown-Marx Bldg. (Consolidation of Alabama Pwr. Development Co., Alabama Elec. Co., Alabama Pwr. & Elec Co., Wetumpka Pwr. Co., Huntsville Ry., Lt. & Pwr. Co. The Decatur Lt., Pwr. & Fuel Co., Etowah Lt. & Pwr. Co., Pell City Lt. & Pwr. Co and Old Alabama Pwr. Co. Holds all outstanding stock of the following: Alabama Interstate Pwr. Co. (owns, in conjunction with Birmingham, Montgomery & Gulf Pwr. Co. and Horne Alabama Ry. & Pwr.

Mfg. Co., Cherokee Bluffs and adjacent projects on Tallapoosa River); Birmingham, Montgomery & Gulf Pwr. Co.; Horne Alabama Ry., Pwr. & Mfg. Co.; Alabama Property Co. (owns some rights of way over which transmission lines will be built by Alabama Pwr. Co.); Alabama Pwr. & Lt. Co. (owns dam sites on Town and Sauty Creeks); Muscle Shoals Hydro-Elec. Pwr. Co. (owns sites at Big Muscle Shoals, Little Muscle Shoals and Elk River Shoals on Tennessee River); Little River Pwr. Co. (owns dam site on Little River and adjacent property) and Asbury Elec. Pwr. Co., which owns dam site at Lock 2 on Coosa River.) (Operates steam plant at Gadsden (cap. 12,500 kva.) and 2 hydro-electric plants, one at Jackson Shoals on Choccolocco Creek near Talladega (cap. 1500 kw.), and one at Lock 12 on the Coosa River, 50 miles So. of Birmingham, with an initial installation of 70,000 hp., provision being made for a further installation of 35,000 hp.; also operates steam plants at Huntsville and New Decatur.) (Controlled by Alabama Trac. Lt. & Pwr. Co., Ltd.); cap., auth. $50,000,000 (com. $40,000,000, prfd. $10,000,000); outstg. $18,751,000; bds. outstg. $12,450,000.

Pres. James Mitchell,
120 Broadway New York, N.Y.
V. Pres. & Gen. Counsel
Thomas W. Martin.........Birmingham
*Gen. Mgr. F. H. Chamberlain "
Sec. & Treas. Wiley Alford . "
Optg. Mgr. W. E. Mitchell... "
¶ Pur. Agt. E. S. Center, Jr. "
Mgr. Sales Dept.
Theodore Swann........... "
Designing Engr.
O. G. Thurlow............. "
Elec. Engr. J. A. Sirnit...... "
Optg. Supt. F. P. Cummings "

Lock 12: 4 a. c. Westg. tot. 54,000 kva. 6600 v. 3 ph. 60 cys; trans. volt. 110,000 v. 3 ph. 60 cys; 70,000 hp. turb. (wtr.) Morris.

Co. serves Anniston, Attalla, Austinville, Dacatur, Guntersville, Hartsells, Hobson City, Huntsville, Jacksonville, Leeds, Lincoln, New Decatur, Oxford, Pell City, Ragland, Talladega and West Blocton; sells energy in bulk to Birmingham Ry., Lt. & Pwr. Co., Gulf States Steel Co. (Alabama City), City of Piedmont and Tuscaloosa Ry. & Utilities Co.

R S W 3 ★26

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Munic. Lt. & Wtr. Plant; cost $60,000; bds. $100,000.

Board of Comrs.
Pres. Geo. B. Ward. Birmingham
Jas. Weatherly.... "
A. O. Lane ......... "
Compt. Chas. H. Abbott "
*Supt. W. H. Abernathy..... "

2 a. c. Westg, Stan. tot. 350 kw. 2300 v. 2 ph. 60 cys; a. c. day ltg. cir. 115 60 cys; a. c. day & nt. mo. cir. 440-220 v. 2 ph; 450 hp. e. H. & T; 700 hp. b. Erie.

78 a. c. series arcs 450 w. $62.50 per yr; 23 Tung. 100 c. p. $24 per yr: all nt; coal $1.50.

D L S 2 104 E

**BREWTON,** 2,185—Munic. Wtr. & Elec. Lt. Wks.: cost $50,000; bds. $45 000.
¶ Pur. Agt. W. F. Wilson ........Brewton
*Supt. J. S. O'Bannon............ "
Engr. Pwr. Sta. G. M. Holland... "

1 a. c. Allis-C. — kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220 v.; 1 engine — hp; 325 hp. b. W. & W.

75 city incs.; all nt.; wood 75 cts per cord.

D L S 3 15

**BRUNDIDGE,** 815—Munic. Lt. & Wtr. Works; cap. $25,000; bds. $12,000.
*¶Mgr. Cont. Agt. & Supt.
C. E. Morris..................Brundidge
Engr. Pwr. Sta. I. G. Rogers.. "

1 a. c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 85 hp. e. H. F. & M; 100 hp. b. Gem.

Coal $1.40.

L S 3 125

**CARBON HILL,** 1,627—Water & Light Commission (Munic.); cost $35,000; bds. outsdg. $25,000.
Comr. S. R. Fowler..........Carbon Hill
Sec. & Treas. Chas. Kesmodel "
Audr. W. H. Cobb............. "
*Supt. Lawrence C. Smith... "
Engr. Pwr. Sta.,
Marvin Blockburn.......... "

2 a. c. C. W, Ridg. tot. 110 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day. mo. cir.; 180 hp. e. Atlas, Ridge; 125 hp. b. Atlas.

50 city series incs. 200 c.p.; tot. $125 per mo; moonlt; coal.

D L S 3 15

**CENTERVILLE,** 730—Centerville Lt. & Pwr. Co.: cap. $15,000.
¶Pres. & Cont. Agt.
O. C. Oakley.................Centerville
V. Pres., Sec. & Treas.
Jno. P. Kennedy............. "
*Mgr., Supt. & Engr. Pwr. Sta.
J. C. Langston............... "

1 a. c. W. E. 37½ kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 50 hp. e. Southern; 90 hp. wtr. wh. Leffel; 60 hp. b. Atlas.

City cont. 28 Mazdas 100 w. $10.80 per yr; all nt; coal $2.00. (Also lts. Brent.)

L S W 1 ✠ 104E

**CITRONELLE,** 935—Citronelle Public Service Corpn.; cap. outstg., $10,000; bds. $25,000.
*Pres. & Treas. E. P. Corey....Citronelle
V. Pres. & Mgr. Eliot C. Wells.. "
Sec. E. J. Stebbins............. "

1 a. c. G. E. 30 kw. 2300 v. 3 ph. 60 cys.; 1 a. c. Engberg 75 kva; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys.; 125 hp. e. Engberg. G. E, Ames; 2 boilers tot. 120 hp; 12-ton ice machine, Carbondale.

City cont. 30 Tungs. 100 w. $2.10 per mo.; moonlt; coal $2.50 (approx.).

D I L S 1 3 ✠ 26

**CLANTON,** 1,123—*Wade Elec. Lt. & Pwr. Co.
Owners & Mgrs. J. Q. Wade..... .. ....Clanton
Alva C. Wade........... "

2 a. c. W. E., G. E. 103 kw. 2200-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 135 hp. e. Erie, Continental; 130 hp. b. Erie, Continental.

City cont. 20 series Tung. 80 w $36 per yr; all nt; coal $2.50; wood $1.50

L S 1 ✠ 22

**CLAYTON,** 1,130—*Munic. Elec. Lt. & Wtr. Plant; cost $10,000.
Mayor, T. M. Patterson...........Clayton
Supt. Gus Ventress................ "

1 a. c. Stan. 75 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. H. F. & M; 160 hp. b. Cole.

Moonlt. mdnt; coal $3.35.

L S 2 ✠ 113

**COLUMBIA,** 1,122—*The Columbia Pwr. Co., Inc.; cap., $16,000.
Pres R. D. Crawford..............Dothan
V. Pres. Demont Shemwell.......Eufaula
Sec. & Treas. J. E. Foy........... "
Engr. Pwr. Sta. F. H. Bentley..Columbia

1 a. c. Stan. 65 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v. 2 ph. 60 cys; 247 hp. wtr. wh. Lef.

City cont. 2 arcs 6.6 amp.; 26 series incs. 200 c. p. 6.6 amp; all nt.

D L W 2 ✠ 84w

**COLUMBIANA,** 1,079—Columbiana Ice, Lt. & Pwr. Co.; cap. $25,000.

¶ Pres. & Cont. Agt.
J.H. Compton..............Columbiana
*Sec. & Mgr. W. H.Tucker... "
Treas. W. S. Compton....... "

1 a. c. Elec. Mach. 36 kva. 2300 v. 3 ph. 60 cys; a. c. day (Wed. & Sat.) & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 60 hp. e. Nagle; 200 hp. b; 5-ton ice machine (York).

City cont. 26 Mazdas 250 & 100 w. $12 per yr; mdnt. & 4 to 7 A. M. (ice-making season.) Coal and wood.

D I L S 3 ✣ 25

**CULLMAN**, 2,130—*Munic. Elec. Lt. Plant.; cost $60,000; bds. $35,000.
*¶ Supt. & Engr. Pwr. Sta.
B. Kiel..........................Cullman

2 a. c. G. E. tot. 290 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 60 cys; 425 hp. e. C. & T. H. & T.; 300 hp. b. W. & W.

10 city arcs; 36 incs; moonlt; coal $2.60.

D L S 1 3 ✣ 74

**DADEVILLE**, 1,193—*Munic. Elec. Lt. Plant: cost $16,000; bds. $10,000.
Mgr. Wilson Black.............Dadeville

2 a. c. Stan. 173 kw. 2400-110 v. 2 ph. 60 cys; a. c. day cir; pwr. cir. 220 v; 312 hp. turb.

D L W 2 ✣ 78

**DECATUR**, 4,228—Alabama Power Co. See New Decatur.

**DEMOPOLIS**, 2,417—Demopolis Elec. Lt. & Pwr. Co.; cap. $10,000; bds. $10,000.
Pres. F. B. Clements.........Birmingham
¶ Sec. Treas. & Mgr. A. R. Smith
Demopolis
*Supt. G. D. Cornish.......... "

2 a. c. C-W, G. E. tot. 225 kw. 1150-220-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 220-110 v. s & 2 ph. 60 cys; 280 hp. e. Ridg, H. & T; 225 hp. b. Atlas.

City cont. 30 arcs a. c. series, 6.6 amp. $72 per yr; moonlt; coal $2.40. (Co. also lts. Knoxwood.)

D L S 1 2 ✣ 16

**DOTHAN**, 7,016 — Munic. Elec. Lt. & Wtr Plant.
City Clerk,R. W. Lisenby..........Dothan
*¶ Mgr. & Supt. A. S. Lowrie.... "
Ch. Elecn. H. B. Adcock......... "

2 a. c. C. W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 208-104 v. s. & 3 ph. 60 cys; 450 hp. e. H. F. & M; 500 hp.b. Ault. & T.

54 city arcs $60 per yr; 2500 incs. 16 c. p. 10 cts. per kw; moonlt. all nt; wood $2.00, coal $3.20.

D L S 1 3 104w

**EAST LAKE** 1,500—Birmingham Ry., Lt. & Pwr. Co. See Birmingham.

**ELBA**, 1,079 — Pea River Power Co. Office, Troy; cap. $250,000; bds. $250,000; cost $350,000.
*Pres. John M. Garrett..............Elba
V. Pres. Y. W.Rainer.............. "
Sec & Treas. Lane Engor...........Troy
(Under construction.)

L W 93

**ENSLEY**, 7,000—Birmingham Ry.,Lt. & Pwr. Co. See Birmingham.

**ENTERPRISE**, 2,322—*Munic. Lt. & Wtr. Wks; cost $11,000.
Supt. Weldon Thompson......Enterprise
Engrs. Pwr. Sta. Copland & Adcock "

1 a. c. Stanley, 65 kw. 2400 104 v. 2 ph. 60 cys; no day cir; 80 hp.e. Harrisbg; 160 hp. b. R. D. Cole.

42 arcs Stanley 500 kw; 12 incs. 55 to 60 w; mdnt; wood.

L S 2 ✣ 13w

**EUFAULA**, 4,259—Water, Elec. Lt. & Gas. Dept. (Munic.); cost $40,000.
*Mgr. & Supt. J. L. Skinner......Eufaula
Engrs. C. Gilbert............. "
Pwr. Sta. Walter Sawyer......... "

2 a. c. C.-W. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg cir. 110 v; 400 hp. b. W. & W; 300 hp. e. Harrisburg.

200 Mazda street series; all nt; coal $3.

L S 3 ✣ 104E

**EUTAW**, 1,001—Eutaw Ice, Wtr. & Pwr. Co (Purchased Eutaw Wtr. Wks., Elec. & Pwr. Co.); cap. outstg. $5,000; bds. $20,000.
Pres. W. M. Hurt........... Birmingham
*¶ Mgr. T. B. Baskerville, Jr.......Eutaw

1 a. c. C.-W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph 60 cys; 125 hp. e. H. & T; 200 hp. b. W. & W; also 12-ton ice plant.

City cont 70 Mazdas 100 w. $12.50 per yr; moonlt; coal $2.50.

D I L S 1 3 ✣ 75

**EVERGREEN**, 1,582—Munic. Elec. Lt. Plant. Cost $11,000; bds. $10,000.
¶ Treas. & Mgr. H. A. Shields. Evergreen
*Supt. J. C. Jones.............. "

1 a. c. West. 60 kw. 1100-110 v. s. ph. 60 cys; no day cir; 100 hp. e. Ridgeway; 200 hp. b. (Rebuilding line.)

L S 1 125E

**FLORALA**, 1,439—J. M. McClung & Co. Elec. Lt. Plant; cap. auth. $50,000.
Pres. J. M. McClung....Clearwater, Fla.
*Supt. P. S. McClung..............Florala
Ch. Engr. D. L. Renuly........... "
Ch. Elecn. J. T. Smith........... "

1 a. c. C.-W. 62½ kw. 2200-110 v. 3 ph. 60 cys; no day cir; 67 hp. e. Sknr; 140 hp. b. Schof.

City cont. 21 arcs 1200 c. p. $84 per yr; all nt; wood $1.50.

L S 3 ✣ 15

**FLORENCE**, 6,889—The Sheffield Co. See Sheffield.

**GADSDEN**, 10,557—Alabama City, Gadsden & Attalla Ry. Co., 522 Broad St.; cap. auth. $500,000, issued $330,000; bds. outstg. $298,000.
Pres. E. T. Schuler.............Gadsden
*Supt. & Ch. Elecn. C. J. Zell... "

2 a. c. Westg. tot. 1000 kw. 2200 v. 3 ph. 60 cys; 2 d. c. Westg. tot. 200 kw. 600 v; 2 rot. conv. tot. 400 kw: a.c. day & nt. ltg. cir. 112 v; pwr. cir. 400-220 v; wtr. turb. — hp.

City cont. 54 arcs 2000 c. p. $76 per yr; 54 incs. 100 c. p $30 per yr; all nt.

C D R W 3 15

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Alabama Pwr. Co. For executive officers, see Birmingham.
Ch. Engr. E. McDonald...........Gadsden

2 a. c. turbo-gen. G. E. tot. 12,500 kva. 2300 v. 3 ph. 60 cys: trans. volt. 110,000-22,000 v. 3 ph. 60 cys; 3600 hp. b. Bab. & W.

R S 3 ★26

**GIRARD**, 4,214—Columbus Elec. Co. See Columbus, Ga.

**GOODWATER**, 740—Munic. Elec. Lt. Plant; cost $25,000; bds. $15,000. Pwr. plant on Hatchet Creek 2½ mi. from town.
Mayor, Chas. S. Bently .......Goodwater
Clerk, W. O. Stillwell........... "
Treas. B. Z. Henry............. "
*¶Supt. T. B. Ogletree .......... "
Engr. Pwr. Sta. Z. D. Sprayberry "

1 a. c. Stan. 80 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph 60 cys; 120 hp. turb. (wtr).

25 city arcs $30 per yr; ——— incs. 16 & 25 c. p. $3 per yr; all nt.

D L W 2 ★16

**GREENSBORO,** 2,048 — Greensboro Water & Lt. Co. (Leased, on Jan. 1, 1916, to E. N. Cunningham); cap. outstg. $30,000; bds. $15,000.
Pres. E. P. Kimbrough.......Greensboro
*Sec. Treas. Mgr. & Audr.
R. H. Smith.................. "
Engr. Pwr. Sta. N. T. Butler. "
2 a. c. Westg, G. E. 160 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 155 hp. e. H. & T. and Dryslet; 125 hp. b. Sou.
City cont. 75 Mazdas 80 c. p. $16 per yr; mdnt; coal $2.50.
D L S 3 ✣ ★16

**GREENVILLE,** 3,377—Henderson Lt. & Pwr. Co.; cap. $50,000.
*Pres. & Mgr. C. C. Henderson..Greenville
¶Supt. F. D. Floyd............ "
Engr. Pwr. Sta. Joe Terry..... "
2 a. c. G. E. tot. 175 kw. 2300-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. L. & B., Harrisburg; 300 hp. b. Hartley, W. & W; also 20-ton ice plant.
City cont 31 arcs 6.6 amps. $55 per yr; 11-60 W. Tung. $30 per yr; all nt; coal $2.65.
D I L S 3 ✣ 53w

**GUNTERSVILLE,** 1,145 — Alabama Pwr. Co. See Birmingham.

**GURLEY,** 570—Gurley Lt. & Pwr. Wks.
*Mgr. H. A. Smith..................Gurley
1 a. c. G. E. 2200 v. s. ph. 60 cys.; a. c. nt. ltg. cir. 110 v; a. c. mo. cir.; 80 hp. e. H. F. & M.; 100 hp. b.
City cont. 400 Edison Mazdas 40-100 w. $4.80 per yr.; coal $2.40.
L S 1 §115

**HARTFORD,** 1,159—Munic. Wtr. & Lt. Plant; cost $9,000; bds. $15,000.
Vil. Pres. & Treas. D. M. Lammons.............................Hartford
V. Pres. P. M. Metcalf......... "
Sec. & Treas. J. D. Preston .... "
*Mgr. & Supt. W. M. Anderson.. "
Engr. Pwr. Sta. N. C. Byrd ..... "
1 a. c. Stan. 80 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 120 hp. e. H. F. & M.; 80 hp. b. Cole.
12 West. arcs enc. 6.6 amp.; — incs. 16-150 c. p. 10 cts. per kw; wood $2.
L S 2 ✣ ★85

**HARTSELLS,** 1,374—Alabama Pwr. Co. See Birmingham.

**HEADLAND,** 1,090—Munic. Elec. Lt. & Wtr. Plant; bds. $30,500.
Mayor, R. A. Brannon..........Headland
Clerk, T. H. Jesingan............. "
Treas. M. F. Predgun............ "
*Mgr. & Supt. L. D. Glaze...... "
1 a. c. Ft. W. 65 kw. 2300-110 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. 3 ph. 60 cys; 85 hp. e. Valley; 250 hp. b. Cole & Hartley.
15 city arcs Ft. W. 6.6 amp; 1500 city incs; hrs; coal $3.40.
L S 3 74

**HEFLIN,** 839—Heflin Elec. Co.
Owner, S. E. Grant...................Heflin
*Mgr. W. O. Grant.................. "
1 d. c. Westg. 15 kw. 125 v; nt. ltg. cir; 35 hp. e. Southn; 35 hp. b. Southn.
City cont. 450 Mazdas $12 per yr; moonlt. 12 P. M; wood and coal $50 per mo.
C L S ✣ 104E

**HUNTSVILLE,** 7,611—Alabama Pwr. Co. (Huntsville Div.). For executive officers, see Birmingham.
Local Mgr. W. M. Stanley.....Huntsville
Local Audr. T. L. Patton...... "
3 a. c. G. E., West. Ft. W. tot. 800 kw. 2200 v. 3 ph. 60 cys; 3 d. c. Ft. W. G. E. West. tot. 525 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; st. ry. cir. 550 v; 1550 hp. e. West.-Payne, Prov. H. M. & B; 1056 hp. b. Bab. & W.
City cont. 78 arcs 2000 c. p. $75 per yr; all nt; coal $2.10.
C D R S 3 ✣ ★26

**JACKSONVILLE,** 2,231 — Alabama Pwr. Co. See Birmingham.

**JASPER,** 2,509—Jasper Wtr., Lt. & Pwr. Co.; cap. stk. issued $45,100; no bds.
Pres. & Mgr. J. H. Cranford.......Jasper
V. Pres. R. O. Cranford........... "
Sec. & Treas. O. M. Sherer......... "
*¶ Supt. A. H. Sparks................ "
Engr. Pwr. Sta. Hy. Edwards...... "
2 a. c. G. E, West. tot. 225 kw. 2300-110 v. 3 ph. 60 cys; 1 arc 15 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 375 hp. e. Mur, Cor, Erie City; 250 hp. b. Erie City.
City cont. 4 G. E. arcs $60 per yr; 8. Tung. 75 w. $20 per yr; moonlt; coal $1.55
D L S 3 15

**LAFAYETTE,** 1,632—Municipal Lt., Wtr. & Ice Plant; bds. outstg. $40,000.
Mayor, G. E. Collins..............Lafayette
Treas. J. G. Griffin ................ "
*Mgr. & Engr. Pwr. Sta.
M. F. Hollingsworth............ "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. Ball; 100 hp. b. Cole; 7 ton ice plant.
30 Mazda series 6.6 amp. 200 c. p. $30 per yr; 28 incs. 16 c. p. $9 per yr; moonlt. all nt; coal $3.00.
D I L S 1 3 ✣ ★16

**LANETT,** 4,500—Lanett Cotton Mills.
Pres. Wm. H. Wellington..Boston, Mass.
V. Pres. Geo. H. Lanier...West Point, Ga.
Treas. F. B. Sears............Boston, Mass.
Supt. Geo. S. Harris.....West Point, Ga.
Cont. Agt. W. W. Wallis " "
¶Pur. Agt. John H Horsley " "
*Supt. Elect. Dept. W. Oscar Orr Lanett
2 a. c. Westg. tot. 175 kw. 2200-600 v. s. & 3 ph. 60 cys; 2 d. c. G. E. tot. 95 kw. 125 v; 1 rect. Westg. 20 kw; trans. volt. 11,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 125 hp. e. Am. Ball; also purchases energy from West Point Mfg. Co., Langdale; 3 transf. Westg. tot. 300 kva.
City cont. 20 arcs a. c. series enc. 6.6 amp. $40 per yr; 60 Mazda series 80 c.p. $12 per yr; moonlt.
D L S 1 3 ✣ 26

**LINEVILLE,** 1,053—*B. M. Smith Elec. Co.
1 a. c. W. E. 25 kw. 2300-110 v. s. ph. 60 cys; purchases steam from Lineville Brick Co.
City cont. 1 arc W. E. 500 w. $60 per yr; 5 incs. 112 w. $12 per yr; midnt; coal $3; wood $1.50.
L S 1 ✣ 10

**LUVERNE,** 1,384—*Munic. Elec. Lt. Plant. Cost $10,000; bds. $10,000.
Treas. J. N. Pallard..................Luverne
¶ Mgr. Cont. Agt. & Supt.
H. T. Strother................... "
Engr. Pwr. Sta. P. C. Cook...... "
1 a. c. Warren 62 kw. 2250 v. s. ph. 60 cys; 90 hp. e. Nagle, Cor; 100 hp. b.
24 incs (enc.); coal $3.35.
L S 1 ✣ 79

**MARION,** 1,834—Marion Elec. Co.; cap. $15,000.

Pres. R. K. Coe....................Selma
Sec. & Treas. R. L. Ellis.......... "
*¶ Mgr. Paul Lovelace...........Marion

1 a. c. C. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp.e. H. F. & M; 125 hp.b. U. I. Wks.

City cont. 45 Mazdas; moonlt; coal $2.66.

L S 3 ★125

**MOBILE,** 51,521 — Mobile Elec. Co. Office, 11 No. Royal St. (Controls Mobile Illg. Co.) (Controlled by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $852,500 prfd., $950,000 com.; bds. $1,748,000.

Pres. & Mgr. T. K. Jackson.......Mobile
V. Pres. A. S. Huey.........Chicago, Ill.
Sec. R. J. Graf................ " "
Treas. J. J. O'Brien........... " "
¶ Pur. Agt. G. Owen..............Mobile
Cont. Agt. A. L. Sigler............. "
Supt. B. H. Clingerman............ "
Ch. Engr. Robt. Benson .......... "

4 d. c.G.E. W.E. tot. 2025 kw. 240-120 v; 4 a. c.G.E. tot. 4570 kw. 2300 v. 3 ph. 60 cys; 2 rot. G. E. tot. 700 kw; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. & d. c. day & nt. mo. cir. 220 v; 3950 hp. e. Allis C, Ham, Wis, Wms. McI & S; 4000 kw. turb.(stm.) G. E; 3451 hp.b. Bab. & W. Heine, Stir.

City cont. 554 a. c. series arcs 6.6 amp. $60 per yr; 81 series Tung. 100 w. $20 per yr; all nt; coal $2.30. (Also lts. Spring Hill, Prichard and Whistler.)

C D L S 3 25

**MONTGOMERY,** 38,136—Montgomery Lt. & Trac. Co.; cap. $2,000,000; bds. $1,050,000.

Pres. Ray Rushton...........Montgomery
Sec. H. F. Crenshaw.......... "
Treas. & Audr. Chas.E.Norton "
*¶Mgr. Lt. Dept.
W. M. Browder, Jr......... "
¶ Supt.Ry. Dept. W.J.Ginnivan "
Engr. Pwr. Sta. J.M Chumley "

2 a. c. Westg. tot. 5000 kw. 2200 v. 2 ph. 60 cys; 5 d. c. West. tot. 1500 kw. 600 v; Adams-Bagnall arc 52 lt; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220-440-2200 v. s. & 2 ph. 60 cys; d. c. mo. cir. 600 v; 5000 kw. turb. (stm.) West; 3200 hp. b. Bab. & W; energy for st. ry. service purchased from M. Lt. & Wtr. Pwr. Co.; 5 rot. conv. West. tot. 1500 kw.

Coal $2.25. (Also lts. Capitol Heights, Picket Springs and Cloverdale.)

C D R S 1 2 74

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Montgomery Lt. & Wtr. Pwr. Co., 111 Dexter Ave. (Operated by Doherty Organization, 60 Wall St., New York, N.Y.); cap. auth. & outstg. $2,000,000; bds. $2,350,000.

Pres. H. L. Doherty........ } 60 Wall St.,
V. Pres. F. W. Frueauff.... } New York
Sec. & Treas. V. B. Day.....Montgomery
*Mgr. B. C. Adams.......... "
Cont. Agt. B. F. Noble..... "
Engr. Pwr. Sta. ——— ——— "

5 d. c. G. E. tot. 1410 kw. 500 v: 8 a. c. G. E, Stanley tot. 5825 kw. 33,000-2400-220-110 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2400-220 v. 2 ph. 60 cys; d. c. pwr. cir. 500 v; 1820 hp. e. Ham. Cor; 5000 hp. turb. S. M. Smith; 2344 hp. b. Heine. Spfd; 1200 kw. stm. turb. G. E; Gould stor. bat. 240 amps. 575 v.

City cont. 500 arcs 480 w. 6.6 amp. $51 per yr; 12 incs. 60 w. series $9 per yr; all nt; coal $2.50. (Co. also lts. suburbs and sells energy for st. ry. service.)

C D N S W 2 3 ✠ 75

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*People's Elec. & Ice Co., cor. Bibb & Moulton sts.; cap. stk. issued $200,000.

Pres. V. B. Day...............Montgomery
Sec. John H. Klinge.......... "
¶ Treas. & Mgr. C. E. White. "

6 d. c. tot. 210 kw. 220 v.

C L 113

**NEW DECATUR,** 6,118 — Alabama Pwr. Co. (Decaturs Div.) For executive officers, see Birmingham.

Local Mgr. T. L. Beauchamp,
New Decatur
Local Audr. C. J. Curry.... "

3 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 200 kw. 550 v; arc mch. 180 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v; 700 hp. e. Ball, Erie, McI. & S; 625 hp. b. W. & W.

City cont. 77 arcs 6.6 amp. 1200 c. p. $72.50 per yr; all nt; coal $2.10. (Trans. to Decatur and Austinville; sells energy to No. Ala. Trac. Co.)

C D R S 3 ✠ ★26

**OPELIKA,** 4,734—Munic. Elec. Lt. & Pwr. Plant; bds. outstg. $80,000.

*Treas. & Supt. Chas. Shaefer....Opelika
¶ Cont. Agt. H. G. Clift.......... "
Ch. Engr. L. M. Alford .......... "

2 a.c. Ft. W. tot. 337 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.; 475 hp. e. Ball; 300 hp. b. C. & H.

30 city arcs Hawthorn 450 c.p. $33.88 per yr; 125 incs. 6.6 amps. 150-350 c.p. $25 per yr; all nt; coal $2.50.

D L S 3 ★125

**OPP,** 863—Munic. Elec. Lt. & Wtr. Plant: bonds, $20,000.

*Mgr. & Supt. W. A. Douglas.........Opp

1 a. c. Wood, 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 90 hp. e. H. F. & M; 230 hp. b. Hartley.

30 city arcs.

L S 3 75

**OXFORD,** 1,090 — Alabama Pwr. Co. See Anniston.

**OZARK,** 2,229—Munic. Elec. Lt. Plant; bds. $35,000.

Mayor, J. A. Eason...................Ozark
Clerk, Grover Flowers.............. "
Treas. L. B. Martin................. "
Audr. H B. Mozeley................ "
*¶Supt. B. C. Dowling .............. "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 450 hp. e. H. & T. Cor., H. F. & M; 300 hp. b. Hartley.

46 city arcs G. E. 6.6 amp: moonlt; coal $3.25; wood $2 per cord.

D L S 3 ★125

**PHOENIX CITY,** 4,555 — Columbus Elec. Co. See Columbus, Ga.

**PIEDMONT,** 2,226—Munic. Elec. Lt. Plant; bds. $25,000.

Pres. Bd. P. W. Roberts..........Piedmont
Sec. & Treas. J. C. Lay, Jr....... "
*Mgr. J. P. Haslam, Jr.......... "
¶ Pur. Agt. G. H. Farmer....... "

Energy purchased from Alabama Pwr. Co.; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 3 ph. 60 cys (up to 250 hp. above which the A. P. Co. has right to retail).

80 city arcs 100 & 250 w; all nt.

D L 3 ✠ 125

**PRATT CITY,** 3,485—Birmingham Ry., Lt. & Pwr. Co. See Birmingham.

**PRATTVILLE,** 2,222—Antanga Oil & Fertilizer Co. (Owns Prattville Lt. & Pwr. Co.): cap. $50,000.

Pres. C. E. Thomas.... .........Prattville
V. Pres. R. L. Fancette ....... "
*Sec. Treas. & Mgr.
C. E. McCord................. "

Supt. & Ch. Engr. Tom Ruffin..Prattville
2 a.c. G.E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. H. F. & M; 550 hp. b. Hartley & Atlas.
City cont. 70 incs. 75 kw. $18 per yr; all nt; coal $2.65.
D L S 3 ✠ 125

**ROANOKE,** 2,034—Munic. Elec. Lt. & Water Plant; cost $47,000; bds. $35,000.
Mayor, W. Y. Cheyning..........Roanoke
Chmn. Lt. & Wtr. Dept.
J. S. Hunter.................... "
Sec. & Treas. W. L. Hill......... "
*¶ Supt. & Engr. Pwr. Sta.
W. S. Greene.................... "
Asst. Engr. E. C. Rork........... "
1 a. c. Ridg. 125 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 190 hp. e. Ridg; 300 hp. b. C. & H.
125 city series arcs G. E. 100 c. p; 100 city incs. 40 to 60 w; moonlt; coal $2.50.
D L S 1 3 ✠ 75

**RUSSELLVILLE,** 2,016—*Munic. Elec. Lt. Plant; bds. $24,000.
Mayor, Judge Moody..........Russellville
¶ Pur. Agt. W. W. Moore...Birmingham
1 a. c. Elec. Mach. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. & 3 ph; 20 transf. Maloney; 200 hp. b. W. & W; 87 hp. e. Erie City Iron Works.
City cont. 75 incs. 75 kw. 60 c. p; coal $1.60.
D L S 1 3 ✠ 23

**SAMSON,** 1,350—Munic. Lt. & Wtr. Wks; bds. $25,000.
Recvr. W. M. Fambrough..........Samson
*¶ Mgr. & Cont. Agt. E. G. Stamps. "
Supt. Geo. T. Crapp............... "
Engr. Pwr. Sta. J. B. Crapp....... "
1 a. c. Ft. W. 2300 v 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. H. O. & R; 150 hp. b. R. D. Cole.
10 series arcs; 800 incs; wood $2.
L S 3 ✠ 75

**SELMA,** 13,649—Selma Ltg. Co.; cap. auth. & pd. in $100,000; bds. auth. & outstg. $200,000, 5 p. c. int.
Pres. Jas. S. Keene, Jr..Philadelphia, Pa.
V. Pres. & Treas.
J. M. Bunting........... " "
Sec. H. Bayard Hodge... " "
¶ Mgr. J. H. Dawes...... " "
*Supt. R. L. Ellis.....................Selma
Ch. Engr. W. T. Perry.............. "
Ch. Elecn. N. J. Owen.............. "
2 d. c. G. E. tot. 300 kw. 550 v; 4 a. c. G. E. tot. 2000 kw. 2300-107 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. & mo. cir. 220-110 v; d. c. mo. cir. 550 v; 650 hp. e. H. O. & R; 1000 kw. turb. (stm.) G. E; 750 hp. b. Heine.
City cont. 120 arcs 7.5 amp. $66 per yr; com. incs. 6, 8 & 19 cts. per kw; all nt; coal $2.30. (Co. sells energy to Selma St. & Suburban Ry. Co.)
C D L S 3 125

**SHEFFIELD,** 4,865—The Sheffield Co., (Consolidation of Sheffield Ry. Co., Sheffield Lt. & Pwr. Co., Sheffield Wtr. Co. and Sheffield Development Co.); cap. $700,000; no bds.
Pres. Henry Parsons,
68 Broad St., New York, N.Y.
V. Pres. J. W. Worthington.....Sheffield
*Sec. & Treas. W. U. Parsons
68 Broad St., New York, N. Y.
Gen. Mgr. H. B. Johnson........Sheffield
Audr. U. G. Jones................ "
¶ Pur. Agt. W. S. Hatch......... "
Ch. Engr. J. O. Cosper.......... "
Chief Elec. H. H. Burt........... "
Supt. Wtr. Dept. O. F. Swain... "
1 d. c. e. West. 325 kw. 600 v; 2 a. c. West. tot. 1500 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; d. c. (st. ry.) cir. 600 v; 768 hp. e. Brown, Cor; 1200 hp. b. Wickes; 1667 hp. turb. (stm.) West. P.
City cont. 23 arcs 6.6 amp. $80 per yr. all nt. (Co. also lts. Florence (25 arcs) and Tuscumbia (17 arcs.)
C D R S 3 ✠ 26

**SLOCOMB,** 896—Munic. Elec. Lt. & Wtr. Wks.; bds. $25,000.
Clerk, J. T. Jordan................Slocomb
*¶ Supt. J. D. Lee................ "
Engr. Pwr. Sta. Alvin C. Davis.. "
1 a. c. W. E. 60 kw. 2300-110 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 3 ph. 60 cys; 100 hp. e. Valley; 125 hp. b. Cole.
8 city arcs Ft. W. 6.6 amp; 16 city incs. G. E; moonlt, midnt; wood $1.75.
L S 3 104E

**SYLACAUGA,** 1,456—*Munic. Wtr Wks. & Elec. Lt. Plant; bds. $56,000.
Pres. Board of Comrs.
T. P. Johnston.................Sylacauga
Supt. L. D. Coker............... "
Engr. Pwr. Sta. J.B. Freeman..Rockford
2 a. c. Bull, C-W. tot. 330 kva. 2300 v. 3 ph. 60 cys; trans. volt. 15,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 2300 v. s., 2 & 3 ph. 60 cys; 120 hp. e. Ball; 220 hp. b. Schof; 250 hp. wtr. wh. Trump.
25 city arcs A. B. series 6.6 amp; 25 incs. Mazda 80-200 c. p; hrs; coal $2.
D L S W 1 2 3 ✠ 83

**TALLADEGA,** 5,854—Alabama Pwr. Co. (Talladega Div.) For executive officers see Birmingham.
Local Mgr. E. C. Wilson.......Talladega
Energy from Lock No. 12; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v. 3 ph. 60 cys.
City cont. 43 enc. arcs 6.6 amp. $65 per yr; all nt.
D R 3 ★26

**THOMASVILLE,** 1,181—Thomasville Mfg. Elec. Lt. & Pwr. Co.; cap. $11,000.
Pres. W. D. Boyles...............Aliceville
*¶ V. Pres. Mgr. & Supt.
W. A. Scott..................Thomasville
Sec. & Treas. A. Kerridge..Pensacola, Fla.
1 a. c. West. 50 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v; 80 hp. e. Ball; 140 hp. b. H. S. & G.
City cont. 5 arcs 500 c. p. $75 per yr; 12 Mazdas 100 c. p. $24 per yr; 11 P. M; coal $2.47.
L S 1 ✠ 104E

**TROY,** 4,961—Munic. Elec. Lt. & Wtr. Plant.
Treas. Col. G. J. Hubbard...........Troy
*Supt. E. T. Freeman............... "
2 a. c. G. E. C-W. tot. 240 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 350 hp. e. H. F. & M. Ball; 300 hp. b. Walsh & Widner.
City cont. 25 G. E. series arcs 6.6 amp. and 30 series Tung. 250 w. 7½ cts. per kw; moonlt; coal $3.
D L S 1 3 35

**TUSCALOOSA,** 8,407—Tuscaloosa Ry. & Utilities Co. Office, 2418 Broad St. (Successor to Birmingham-Tuscaloosa Ry. & Utilities Co.) (Purchased property of Tuscaloosa Ice & Lt. Co.); cap. outstg. $300,000; bds. $800,000.
Pres. F. S. Morris...... Philadelphia, Pa.
*¶ Vice-Pres. & Treas. C. R. Carter.
Tuscaloosa
Sec. Jos. Akins.........Philadelphia, Pa.
Mgr. A. M. McGehee ..........Tuscaloosa
Audr. L. H. Hopkins......... "

Energy purchased from Alabama Pwr. Co.; 3 transf. West. tot. 555 kva.; 1 rot. conv. West. 500 kw.; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.

City cont. 100 arcs a. c. series 6.6 amp. $72.50 per yr. all nt. (Co. also lts. Northport.)

D R 3 ✢ ★125

**TUSCUMBIA**, 3,324—The Sheffield Co. See Sheffield.

**TUSKEGEE**, 2,803—*Munic. Electric Lt. & Wtr. Wks; cost $60,000.

Mayor, E. W. Thompson.......Tuskegee
Treas. Geo. T. Hill.............. "
¶ Audr. W. C. Hurt............. "
Supt. Carl N. Browne........... "
Engr. Pwr. Sta. W. J. Price.... "

1 a.c. G. E. 105 kw. 2300 v. 3 ph. 60 cys: a.c. day & nt. ltg. cir. 110 v. 60 cys; 165 hp. e. H. F. & M; 15 hp. e. (gas) Foos; 175 hp. b. Lombard.

50 city arcs G. E; moonlt; coal $3.10.

D G L S 3 ✢ 125E

**UNION SPRINGS**, 4,055—Munic. Elec. Light & Water Wks; cost $50,000; bds. auth. & outstg. $30,000, 6 p. c. int.

Mayor, W. C. Thompson......... Union
Treas. R. J. Lawrence........... Springs
*¶Supt. F. J. Thagard............ "

2 a. c. G. E, Bull. tot. 200 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. 3 ph. 60 cys; 275 hp. e. H. & T, Ball; 300 hp. b. W. & W.

Moonlt; 50 G. E. arcs; coal $2.95.

D L S 3 ✢ 16

**UNIONTOWN**, 1,836—Munic. Lt. & Wtr. Plant; bonds $25,000.

Mayor, D. P. Coleman.........Uniontown
*Mgr. S. Lea Harwood.......... "
Engr. Pwr. Sta. G. Osmore.... "

2 a. c. West. tot. 130 kw. 2300 v. 3 ph. 60 cys; nt. ltg. cir. 110 v. 60 cys; mo. cir. 220 v. s. & 3 ph. 60 cys; 305 hp. e. H. & T, Ideal; 200 hp. b. Union Iron Wks.

City cont 30 Mazdas 500 & 225w; moonlt; coal $.55.

D L S 1 3 ✢ 75

**WEDOWEE**, 435—Wedowee Elec. Lt. Plant.

*Owner, W. M. Dobson..........Wedowee

1 a. c. G. E. — kw. — v. s ph. 60 cys; a. c. nt. ltg. cir. 110 v.; a. c. nt. mo. cir. 110 v. 2 ph. 60 cys; — hp. b. Cole. Also ice plant.

City cont. 1 arc 500 c.p; 15 incs; all nt.

L S 1 ✢ §16

**WETUMPKA**, 1,103—Munic. Elec. Lt. & Wtr. Plant; cost $20,000.

Mayor, F. W. Lull.............Wetumpka
Treas. J. A. Gaddis............ "
*Supt. S. J. McMorris, Jr....... "

1 a. c. Bull. 85 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Allis-C.; 250 hp. b. Hartley.

110 city Tungs. 80 c. p.; moonlt; coal.

L S 1 ★125

**WHISTLER**, 3,432—Mobile Elec. Co. See Mobile.

**WOODLAWN**, 2,848—Birmingham Ry. Lt. & Pwr. Co. See Birmingham.

## ALASKA.

**CORDOVA**, 1,152—Cordova Pwr. Co.; cap. $88,700.

Pres. William Jones.......Tacoma, Wash.
*Sec. & Mgr. Nathanael Greene...Cordova
Treas. W. B. Blackwell...Tacoma, Wash.

——a. c. Allis-C. 125 kw. 11,000-2300 v. 3 ph. 60 cys: a. c. day & nt. ltg. & mo. cir. 110 v; 250 hp. e. Ball; 300 hp. b., Atlas; 250 hp. wtr. wheel Pelton.

City cont. 110 incs. 16 c. p. $12 per yr; all nt; oil $2 per bbl.

D L S W 3 ✢ 16

**DOUGLAS**, 1,722—Alaska Elec. Lt. & Pwr. Co. See Juneau.

**FAIRBANKS**, 3,541—Northern Commercial Co. Main office, Alaska Com. Bldg., San Francisco, Cal.

Pres. Leon Sloss......San Francisco, Cal.
V. Pres. Louis Sloss... " "
Sec. Stewart Menzies.. " "
*Gen. Mgr. Wm. H. Fairbanks
San Francisco, Cal.
¶ Pur. Agt. L. S. Jones " "
Supt. Volney Richmond " "
Local Mgr. G. A. Coleman.....Fairbanks

7 d. c. West. tot. 400 kw. 125 v; d. c. day & nt. ltg. & mo. cir. 220-110 v; 550 hp. e. Ideal, Atlas; 600 hp. b. Atlas; also stm. htg.

City cont. 74 carbon and Tung. 32 c. p. 60 w; wood $9.00.

C D H L S ✢ 125

**JUNEAU**, 1,644—Alaska Elec. Lt. & Pwr. Co.; cap. $100,000.

*Pres. J. F. Malony.................Juneau
V. Pres. & Sec. A. W. Corbus
Berkeley, Cal.
Treas. J. P. Corbus.......Los Gatos, Cal.
¶Mgr. & Supt. E. J. Margrie......Juneau
Engr. Pwr. Sta. A. A. James..... "

3 a. c. Westg, Allis C. 1150 kw. 2300 v. 3 h. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 750 kw. G. E. transf; 650 hp. e. Mc.E; 1100 hp. turb. (wtr.) Pelton; 500 hp b. Allis C.

City cont. 250 Mazdas 60 w. $8.40 per yr; all nt; oil $1.60 per bbl. (Co. also lts. Douglas.)

D L S W 3 ✢ 74

**KETCHIKAN**, 2,500—Citizens Lt., Pwr. & Wtr. Co.; cap. $100,000.

*¶Pres. Mgr. & Cont. Agt.
J. C. Barber.................Ketchikan
V. Pres. H. C. Strong.......... "
Sec. Chas. Deppe.............. "
Treas. Chas. S. Wills.......Seattle, Wash.

2 a. c. West. 1200 kva. 2300 v. 2 ph. 60 cys; 1 a. c. West. 120 kw. 2300 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 2 ph. 60 cys; 2240 hp. turb. (wtr.) S. Morgan Smith.

City cont. 70 series West. tung. 250 c. p. all nt. (Operates telephone system.)

D L W 1 2 ✢ 25

**NOME**, 2,600—Seward Peninsula Pwr. Co. (Owned and operated by the Alaskan Mining & Pwr. Co.); cap. $1,000,000.

Pres. Stuart Weatherley
Rocky Mt. Club, New York, N. Y.
Sec. & Treas. O. S. Weaver.........Nome
Mgr. C. Fox Maule Ramsay......... "
*Supt. A. J. McConnell............ "
Engr. Pwr. Sta. A. T. Hay......... "
Elecn. Alfred Gawne............... "

2 a.c. Westg, tot. 135 kw. 2200-120 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys: a. c. day & nt. mo. cir. 120 v. s. ph. 60 cys; 90 hp. e. Ball; 125 hp. b. Pet. Atlas.

City cont. 70 incs. series 32 c.p. 12½ cts. per nt; all nt; oil $2 per bbl.

D L S 1 ✢ 55

**SEWARD**, 350—Seward Lt. & Pwr. Co cap. $30,000; no bds.

¶ Pres. Gen. Mgr. & Cont. Agt.
S. M. Graff.........................Sewa
*V. Pres. Jno. F. Graff...Philadelphia, Pa
Sec. & Treas. ——— ———........Seward
Engr. Pwr. Sta. J. H. Graff........ "

2 a. c. Stan. tot. 275 kw. 2300 v. s. & 2 ph. 60 & 133 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220 v. s. p 60 cys: 20 hp. motor; 150 hp. turb. Pelto

D L W 1 2 ✢ 2

**SKAGWAY**, 872—Home Pwr. Co., cap. outstg. $27,000; bds. $2,000.

Pres. M. B. Clemenger...........Skagway
V. Pres. Frank Page.............. "
*Sec. Treas.& Supt. N. O. Hardy.. "
Mgr. Charles Nye................ "
Ch. Engr. W. R. Barnes.......... "
Ass't Engr. Wm. Markle........ "

3 a. c. G. E. tot. 475 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day mo. cir. 220 v. 2 ph. 60 cys; 175 hp. e. Ide; 300 hp. b. Bab. & W; 100 kw. turb. (stm.) Curtis, G. E; 375 hp. turb. (wtr.) Tuthill, Pelton.

City cont. 87 incs. carbon 32 c.p. $24 per yr; all nt.

D L S W 2 ✢ ★16

**VALDEZ,** 810—Alaska Wtr., Lt. & Tel. Co. Plant at Solomon Basin; cap. $250,000.

Pres. S. A. Hemple...............Valdez
V. Pres. T. J. Donohoe.............. "
*Sec. & Treas. Arthur Lang....... "
¶ Mgr. & Supt. T. G. Quinn....... "
Engr. Pwr. Sta. F. P. Mulvey...... "
Asst. Engr. Pwr. Sta. G. H. Bennett "

3 a. c. E. M. Co. G. E. tot. 360 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 80 hp. e. H. F. & M. Ideal; 125 hp. b. Penna; 500 hp. turb. (wtr.) Pelton.

City cont. 155 Mazdas 100 & 60 w. (meter) 2 cts; all nt. (Also lts. Ft. Liscum.)

L S W 1 2 ✢ 84

**WRANGELL,** 743—Wrangell Elec. Lt. & Pwr. Co.

*Owner & Mgr. O. C. Palmer...Wrangell
Sec. Mrs. O. C. Palmer.......... "

1 a. c. F. M. & Co. 75 kva. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110-220 v; 56 hp. e. Valley; 60 hp. b. Ames; 50 hp. e. (gas) F. M. & Co.

City cont. 44 Tung. 60 w. $15 per yr; all nt; wood $1; oil 6½ cts. per gal.

G L S 3 ✢ 75

## ARIZONA.

**BISBEE,** 14,000—Bisbee Improvement Co. Office, Bisbee; cap. $225,000; pd. in $200,000.

Pres. W. Douglas...................Bisbee
V. Pres. W. H. Brophy.............. "
Sec. & Treas. S. W. French.....Douglas
*¶ Mgr. & Supt. C. S. Thompson . Bisbee
Ch. Elecn. I. A. Rosok............ "
Engr. Pwr. Sta. B. F. Galusha..... "

2 a. c. turbo-gen. Westg., Allis C. tot. 800 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 w; 900 hp. b. Stir, Scotch Marine; 30-ton ice plant.

City cont. 18 arcs enc. 1200 c. p. and 200 Mazdas 40, 60, 100 w. metered; moonlt; crude oil. (Co. also lts. Lowell, Upper Lowell, Bakersville, Johnson Addition, Don Luis and So. Bisbee.)

D I L S 2 ✢ 16

**CLIFTON,** 4,874—Arizona Copper Co., Ltd. (Elec. Dept.) (Pwr. plants in Clifton and Morenci.)

V. Pres. & Gen. Mgr.
Norman Carmichael.............Clifton
*¶ Pur. Agt. J. G. Cooper.......... "

3 a. c. G. E., tot. 7500 kva. 6600 v. 3 ph. 60 cys; 1 rect. G. E. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 7500 kva. stm. turb. G. E.

City cont. 17 magn. arcs 370 w. 4 amp; moonlt; crude oil. (Co. also lts. Morenci)

D L S 3 ✢ 125

**DOUGLAS,** 6,437—Douglas Trac. & Lt. Co.; cap. auth. $1,000,000.

Pres. J. S. Douglas...............Douglas
V. Pres. W. M. Adamson......... "
Sec. S. P. Applewhite............ "
Treas. E. R. Pirtle............... "
*¶Mgr. R. G. Arthur.............. "

2 a. c. Bull. tot. 400 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; mo. cir. 220 v;—hp. e. Allis C, McI. & S; 300 hp. b. Bab. & W.

City cont. moonlt; oil.

D R S 2 ✢ 125

**FLAGSTAFF,** 1,633—Flagstaff Elec. Lt. Co.; cap. $20,000; no bonds.

Pres. T. A. Riordan.............Flagstaff
Sec. M. J. Riordan................ "
*¶Mgr. G. T. Herrington....... "

2 a. c. Westg. tot. 250 kw. 1200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir; 300 hp. e. McI. & S; 250 hp. b. Stir.

City cont. 75 Mazdas 75 & 250 w; all nt; saw mill refuse $1 per ton. (Co. also lts. Milton.)

D L S 3 ✢ 125

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Williams Wtr. & Elec. Co. See Williams.

**GLENDALE,** 1,200—Munic. Elec. Ltg. System; bds. $9,000.

Mayor, J. M. Pearson...........Glendale
*¶ Town Clerk (Mgr., Cont. Agt. & Supt.) H. G. White........ "
Treas. C. H. Tinker............. "

Energy purchased from U. S. Reclamation Service Salt River Project; 3 transf. Packard Elec. Co. tot. 45 kva; a. c. day & nt ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 3 ph. 25 cys.

4 city Mazdas 60 w; all nt.

D L 1 3 75

**GLOBE,** 7,083—Globe Lt. & Pwr. Co.; cap. $250,000; bds. $191,000.

Pres. N. L. Amster
67 Milk St., Boston, Mass.
Sec. & Treas. C. R. Jeffers.. "
*¶Mgr. & Cont. Agt. W. S. Sultan..Globe
Gen. Supt. Geo. W. Evens.......... "

3 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; 1 G. E. rect. 50 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 600 hp. e; 500 hp. b. Atlas, Sterling.

City cont. 50 G. E. arcs 600 c. p. $100 per yr, & 3 G. E. incs. 100 c. p. $50 per yr; moonlt; oil $1.43½ per bbl.

D L S 1 3 ✢ ★16

**HOLBROOK,** 500—Holbrook Lt. & Pwr. Co. Gen. office, Gallup, N. M.; cap. $30,000.

Pres. T. M. Quebedeaux....Gallup, N. M.
V. Pres. D. J. Thomas...........Holbrook
*¶Sec., Treas. & Gen. Mgr.
Kenneth H. Myers.......Gallup, N. M.
Local Mgr. J. T. Baird..........Holbrook

1 a.c. West. 75 kva. 2300 v. 3 ph. 60 cys; a. c. nt ltg. cir. 110 v; a. c. nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 125 hp. e. Chuse; 125 hp. b. Kew.

Coal $2.70.

L S 1 3 ✢ §16

**JEROME,** 2,393—Upper Verde Public Utilities Co. Office, Clarkdale.

Pres. & Treas. W. L. Clark........Jerome
V. Pres. LeRoy Anderson........Prescott
Sec. H. R. Brown...................Jerome
*Mgr. & Cont. Agt. R. C. Lane.Clarkdale
¶ Pur. Agt. Dave Hopkins.........Jerome
Gen. Supt. & Ch. Engr. T. C. Roberts,
Jerome

Energy purchased from United Verde Copper Co.; 8 transf. West. tot. 120 kva; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. day & nt. mo. cir. 440-110 v. s. & 3 ph 60 cys; d. c. day & nt. ltg. & mo. cir. 240 v.

City cont. 14 West. d. c. enc. arcs 770 w; 8 carbon 32 c. p. 120 w; all nt. (Also lts. Clarkdale.)

C D L 1 3 ✢ 125

**KINGMAN,** 1,500—Desert Pwr. & Wtr. Co.; cap. $600,000; bds. $329,000.
Pres. F. A. Wilde....................Kingman
V. Pres. Rob't W. Wilde. Milwaukee, Wis.
Sec. W. A. Richardson
San Francisco, Cal.
*¶Treas. & Mgr. F. A. Wilde, Jr. . Kingman
Ch. Engr. J. Steed.................. "

4 a. c. Allis-C, G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 45,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-2300 v. 3 ph. 60 cys; 10,200 hp. e. Nord; 2200 hp. b. Edge.

Street lts.—incs; all nt; gratis. Company has 45,000 v. trans. line to mines at Oatman, Gold Road, Golconda and Ruth; extending to Chloride and Oldtrails; furnishes power and lighting to Kingman, Golconda, Oatman, Gold Road and Oldtrails at 14 cts. per kwh; extending to Chloride; oil $1.27 per bbl.
D N S 3 ★16

**LOWELL,** 2,629—Bisbee Improvement Co. See Bisbee.

**MESA,** 1,692—South Side Gas & Elec. Co. (Steam plant located 2 miles from Mesa.)
Pres. B. B. Moner....................Tempe
V. Pres. J. T. Lesurer ................Mesa
*¶Sec., Mgr. & Supt. H. L. Chandler "
Treas. J. L. Waring.................. "

1 a. c. Westg. 300 kw. ——— v. 3 ph. 60 cys; 400 hp. e. McI. & S; 380 hp. wtr. wh. S. & B.; 200 hp. b. Bab. & W.; also purchases energy from U. S. Reclamation Service.

City cont. 18 arcs lum. $84 per yr; 31 Mazdas 60 c. p. $15 per yr; moonlt; crude oil $1.50 per bbl. (Also lts. Chandler and Tempe.)
L S W 3 ✣ 125

**MORENCI,** 5,010—Arizona Copper Co. Ltd. See Clifton.

**NOGALES,** 3,514—Nogales Elec. Lt., Ice & Wtr. Co; cap. auth. and pd. in, $100,000. 8 p. c. div; no bds.
Pres. L. W. Mix......................Nogales
*Sec. & Treas. E. Titcomb....... "
¶Pur. Agt. L. H. Watkins....... "
Gen. Supt. F. A. Faust.......... "
Ch. Engr. E. Roberts ............. "

2 a. c. G. E. tot. 375 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 275 hp. e. Arizona & Sonor and Phila. Eng. Wks; 330 hp. b. Heine.

City cont. 10 Mazdas 250 w. $92 per yr; 2 Mazdas 100 w. $36 per yr; 5 Mazdas 150 w. $60 per yr; 70 Mazdas 60 w; all nt; crude oil $1.76 per bbl. (Co. also lts. Nogales, Sonora, Mex.)
D L S 3 ✣ ★16

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International Gas Co.
Pres. & Treas. Spiro S. Proto....Nogales
V. Pres. Ramon Vasquez......... "
Sec. Anton Proto.................... "
*Mgr. E. J. Richards ............. "

2 a. c. G. E. tot. 700 kw. 2600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1000 hp. e. (oil) McI. & S. Diesel.

City cont. 122 incs. 60 w; 4000 hrs; oil. (Installing ice plant; erecting 33,000 v. trans. line to Duquesne.)
D G I N 3 ✣ §26

**OATMAN,** 2,000—Desert Pwr. & Water Co. See Kingman.

**PHOENIX,** 11,134—U. S. Reclamation Service. (4 pwr. stas. operated as follows: at Roosevelt, near Mesa, near Tempe and on Arizona Canal); 1000 kw. of 40,000 v. energy sold to Pacific Gas & Elec. Corpn.; 11,000 kw. sold to Inspiration Copper Co., Miami; tot. capacity about 15,000 kw.
T W ★125

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Pacific Gas & Elec. Co.; cap. $1,200,000; bds. $883,000.
Pres. G. H. Walbridge..14 Wall St.,
New York, N. Y.
V. Pres. F. S. Viele,
49 Wall St., New York, N. Y.
Sec. & Treas. A. P. Taliaferro,
14 Wall St., New York, N. Y.
Gen. Mgr. R. S. Masson,
Los Angeles, Cal.
Mgr. H. L. Aller........................Phoenix
Audr. C. D. Reed.................. "
¶ Pur. Agt. J. M. Downie......... "
*Gen. Supt. W. C. Hornberger... "
Engr. Pwr. Sta. Wm. MacFadden "

2 a. c. G. E. tot. 1000 kw. 2200 v. 2 ph. 60 cys; 6 arc G. E. 275 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220—2200 v. 2 ph. 60 cys; 1000 kw. turb. (stm.) De Laval, G. E.; 1200 hp. b. Stir.; also purchases energy from U S. Reclamation Service; 6 transf. G. E. 1890 kw; 200 kw. rot. conv. G. E; 1200 kw. frequency changers G. E.

City cont. 180 arcs G. E. series 6.6 amp. metered; 50 incs. series "C" 20 amp. metered; moonlt; 214 5-lt. posts (top lt. dusk to dawn, bottom lts. 10 P. M.) metered; oil $1.47 per bbl.
D L S 2 ★16

**PRESCOTT,** 6,000—The Arizona Power Co. (Controls Prescott Gas & Elec. Co.) Hydro-elec. power plant on Verde River, 60 miles east of Prescott; cap. $3,000,000 (com.), $850,000 (pref.); bds. $1,850,000.
Pres. F. S. Viele,
49 Wall St., New York, N. Y.
V. Prests. { R. S. Masson
Security Bldg.,
Los Angeles, Cal.
O. B. Willcox, 14 Wall St.,
New York, N. Y.
Sec. & Treas.
A. P. Talliaferro...... " " "
Asst. Sec. & Treas.
A. E. Wilder.......... " " "
*¶ Mgr. M. V. Watson..............Prescott

3 a. c. G. E. 2300 v. 3 ph. 60 cys; 9000 hp. turb. (wtr.) Doble; 5 sub-stas. 6000 kw; 120 miles main trans. 45,000 v; 80 miles distrib. lines 10,000-2300 v. (Erecting additional 2200 hp. water sta. on Fossil Creek nr. Prescott.)
T W 3 16

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Prescott Gas & Elec. Co. (Controlled by The Arizona Pwr. Co., which see for officers): stk. auth. & outstg. $100,000; bds. outstg. $250,000.

2 a. c. G. E 440 kw. 1100-104 v. 2 ph. 60 cys; 1 rect. G. E. 50 lt; a. c. day cir. 110 v; a. c. pwr. cir. 220 v. 2 ph. 60 cys; 450 hp. e. Brnl, Ideal; 300 hp. steam turb. De Laval; 600 hp. b. Bab. & W.

Energy also from hydro-elec. plant of The Arizona Pwr. Co.

City cont. 46 arcs 500 w. $72 per yr; 48 com. arcs 100 w. (14 all nt. $35 per yr. 34 to mdnt. $20 per yr); moonlt. mdnt. & all nt.
D L S 2 ✣ 16

**TEMPE,** 1.473—South Side Gas & Elec. Co. See Mesa.

**TUCSON,** 13,193—Tucson Gas, Elec. Lt. & Pwr. Co. (Controlled by Federal Lt. & Trac. Co.); cap., $22.500 (prfd.), $317,500 (com.); bds., $305,000.
Pres. E. N. Sanderson,
60 Broadway, New York, N. Y.
V. Pres. & Treas. J. Dunhill.
60 Broadway, New York, N. Y.
Sec. A. R. Marshall.
60 Broadway, New York, N. Y.
Mgr. F. E. Russell....................Tucson
Engr. Pwr. Sta. E. E. Johnson.... "

4 a. c. G. E, Westg. tot. 1010 kw. 2300 v. 3 ph. 60 cys; 2 d.c. West. tot. 300 kw. 550 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. 3 ph. 60

cys; 600 kw. oil eng.; 1310 hp. e. Ham. Mur, Allis-C, Ideal; 900 hp. b. Atlas, Steinfeld.

City cont. moonlt. all nt; crude oil.

D G L S 3 ★16

**WARREN,** 624—Warren-Bisbee Ry.
*Pres. John C. Greenway.........Warren
Sec. J. E. Curry.................. "
Treas. & Audr. H.B.Paull..Duluth, Minn.
¶ Pur. Agt. John B. Rawlings....Warren
Supt. R. L. Caldwell.............. "

Purchases energy from Calumet & Arizona Mining Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220 v. 3 ph. 60 cys

City cont. 3 arcs; 24 incs.

D R 3 25

Calumet & Arizona Mining Co. Power plant in Bisbee; cap. auth. $6,500,000; issued $6,445,120.
Pres. Chas. Briggs........Calumet, Mich.
V. Pres. Jas. Hoatson..... " "
Sec. Gordon Campbell.... " "
Treas. Peter Ruppe... " "
*Mgr. John C. Greenway.........Warren
¶ Pur. Agt. John B. Rawlings.... "
Supt. Mchy. Will E. McKee...... "
Ch. Elecn. Wm R. Gibson....... "
Engr.Pwr Sta. John P.Williamson "

2 a. c. Westg. tot. 1500 kw. 2200 v. 3 ph. 60 cys; 1800 hp. turb. (stm.) Westg; 1640 hp.b. C. I. W. (Co. sells energy to Superior & Pittsburg Copper Co. and the Warren-Bisbee Ry.)

Crude oil.

S T 3 ✠ 125

**WILLIAMS,** 1,267—Williams Water & Elec. Co. (Successor to Grand Canyon Elec. Lt. & Pwr. Co.); no bds.
Pres. Geo. E. Griffith...Los Angeles, Cal.
*¶ V. Pres. & Cont. Agt,
B. R. Ells, 911 Trust & Savings Bldg.......... "
Sec., Treas. & Mgr.
D. M. Larson..............Chicago, Ill.
Supt. Luther Stover.............Williams

4 a. c. G. E, West. Elec. Mch. tot. 350 kw. 2200 & 4400 v. 3 ph. 60 & 25 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 & 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 & 25 cys; 700 hp. e. Nord, Ball; 600 hp. b. Phoenix, Erie City; stm. htg system.

City cont. 22 arcs $11 per mo; 18 Tung. 400 w. $8 per mo; all nt; sawdust. (Also serves Ashfork and Flagstaff.)

D H L S 3 ✠ ★125

**WINSLOW,** 2,381—Navajo Ice & Cold Storage Co. (Owns and operates Winslow Elec. Lt. & Pwr. Co.); cap., combined $110,000; no bds.
Pres. F. A. Maginnis...Los Angeles, Cal.
Sec. C. E. Jewett....... " "
*¶Mgr. & Supt. E F. Shindel...Winslow

2 a. c G. E. 230 kw. 2300-104 v. 3 ph. 60 cys; 1 d. c. West. 15 kw. 110 v; a. c. nt. ltg. cir; 330 hp. e. Ideal; 215 hp. e; 750 hp. b. Stir; 75 ton ice plant (York).

City cont. 28 Mazda series 250 w. metered; all nt; coal $4.85.

C I L S 3 ✠ 16

**YUMA,** 2,914—Yuma Elec. & Wtr. Co.
Pres. H. W. Blaisdell..Los Angeles. Cal.
*Sec. Pres. F. G. Blaisdell "
Supt. S. F. de Corse................Yuma
Ch. Engr. & Elecn. G. de Corse.... "

3 a. c. Bull., West. tot. 625 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; 600 hp. e. Brown. S. C., Cor.; 650 hp. b. Whit. Ster, Fulton; 300 hp. e. (oil) Lyons Atlas Diesel.

City cont. 12 arcs nitrogen $96 per yr; 60 incs. nitrogen $14.40 per yr; moonlt; oil.

D G L S 3 ★85

## ARKANSAS.

**ARGENTA,** 11,138—Little Rock Ry. & Elec. Co. See Little Rock.

**ARKADELPHIA,** 2,745 — Arkansas Lt. & Pwr. Co. General office, Arkadelphia. Power stations at Arkadelphia, Camden, Magnolia, Malvern and Newport. (On Nov. 1, 1915, acquired the property of the Morrillton Lt. & Pwr. Co.; also acquired the properties of the Marianna Elec. Co. and Crystal Ice Co. of Paragould); cap., $370,000; bds., $280 000.
¶ Pres. H. C. Couch..........Arkadelphia
V. Pres. J. H. Meek...............Fordyce
*Sec. & Ch. Engr.
J. L. Longino..............Arkadelphia
Treas. O. F. Ghrist
7 Wall St., New York, N.Y.
Audr. N. Steeples............Arkadelphia

Auxiliary sta; 1 a.c. G. E. 150 kw. 2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 300 hp. e. Ide; 300 hp. b. Heine; energy supplied from Malvern; 3 transf. G. E. tot. 750 kw.

City cont. 60 incs. 6.6 amp. 60 c. p. $17.50 per yr; moonlt. (Also serves McNeil.)

D L S 3 ✠ 16w

**ASHDOWN,** 1,247—Ashdown Lt. & Pwr. Co. P. O. Box 306.
*Owner, L. M. Warmack........Ashdown

1 a. c. G. E. — kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 90 hp. e. Cor; 1 boiler.

City cont. 30 incs. $2.50 per mo; dark nts; coal (Will install 25 hp. & 75 hp. F. M. & Co. oil engines.)

D L S 1 §16

**ATKINS,** 1,258—Atkins Elec. Lt. & Pwr. Co.
¶ Pres. & Mgr. W. H. Jones......Atkins
V. Pres. Sam Gibson............ .. "
*Sec. W. H. Jones, Jr............. "
Treas. G. F. Emmert.............. "
Supt. & Engr. Pwr. Sta.
L. L. Evans...................... "

1 a. c. G. E. 2200 v. 3 ph 60 cys; a. c. nt. ltg. cir; 125 hp. e. Rel; 160 hp. b. Erie.

Moonlt; coal $2.85.

L S 3 ✠ 125

**BATESVILLE,** 3,339—Munic. Wtr. & Lt. Plant; cap. issued $60,000; bds. $4,000.
Bd. Comrs.
Chm. Ernest Neill.Batesville
William Ramsey.. "
D. M. Frierson.... "
*¶ Supt. & Engr. Pwr. Sta.
W. H. Walkup................. "

1 a. c. Ft. W. 150 kw. 1150 v. s. ph. 60 cys. belted to 250 hp. e. Nagle; 2 a. c. Stanley tot. 150 kw. 1150 v. 3 ph. 60 cys. direct connected to 160 kw. stm. turb. De Laval; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.; 400 hp. b. W. & W.

160 city series incs. 80 c. p. $10 per yr; all nt.; coal $3.30.

D L S 1 3 125

**BEEBE,** 873—A. C. Ward Elec. Co.
*Owner & Mgr. A. C. Ward.........Beebe
Engr. Pwr. Sta. S. E. Scrape...... "

1 a. c. G. E, — kw. 1100 v. 2 ph. 60 cys; a. c. nt ltg. cir. 110 v; a. c. nt. mo. cir. 110 v. 2 ph. 60 cys; 70 hp. e. Southn; 90 hp. b Southn.

City cont. 60 Mazdas "nitro" $70 per yr; 8 hours; coal.

L S 2 ✠ §16

**BENTON,** 1,708—Elec. Lt. Pwr. & Ice Co.; cap. $5,000.
*Pres. & Mgr. O. P. Moss.........Benton
V. Pres. W. D. Brouse............ "
Sec. C. C. Reid................Little Rock
Engr. Pwr. Sta. Wm. Rye........Benton

2 a. c. West. tot. 125 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.; 160 hp. e. Westg; 250 hp. b. Atlas; also ice plant (York.)

City cont. 8 arcs 350 w. $96 per yr; 51 incs. 40 w. $24 per yr; moonlt; nat. gas 12½ cts.

D I L S 1 3 ✠ 125

**BENTONVILLE,** 1,956—Munic. Lt. & Wtr. System; cost $42,000; bds. $15,000.
*¶ Sec. Mgr. Cont. Agt. & Supt.
Geo. A. Johnson............Bentonville
Treas. E. R. Berry............ "
Engr. Pwr. Sta. W. A. Wilson "

2 a.c. Westg. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 325 hp. e. Mur; 300 hp. b. Mur.

4 city arcs A.B. 7 amp; 150 incs. 60 c. p; moonlt. mdnt; slack $1.30.

D L S 1 2 25

**BERRYVILLE,** 785—Berryville Milling Co.; cap. $24,600.
*Pres. & Mgr. J. R. Neff........Berryville
V. Pres. W. D. Wilton.......... "
Sec. & Treas. Geo. W. Basores. "
Engrs. } J. R. Hendrickson.. "
Pwr. Sta. } Lawrence Hendrickson "

1 a.c. G.E. 50 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 180 hp. e. Murray; 175 hp. b. Murray.

City cont. 54 incs. series $12 & $16.20 per yr; moonlt. mdnt; coal $2.60; wood $2.50 per cord.

D L S 3 125

**BLYTHEVILLE,** 5,000—The Missouri & Southeastern Utilities Co.; cap. $450,000.
Pres. W. W. Hollipeter........Blytheville
V. Pres. A. G. Little.......... "
Sec. P. E. Cooley.............. "
*Supt. E. J. Browne.......... "
Engr. Pwr. Sta. J. D. Anderson "

3 a. c. Bull, G. E. tot. 575 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a.c. day & nt. mo. cir. 440-220-110 v. s. & 2 ph 60 cys; 925 hp. e. Allis-C. Murray, Erie; 860 hp. b. C. & H.

City cont. 116 incs. series carbon, 16 c.p. $9.60 per yr; moonlt; waste. Also operates an ice plant.

D I L S 1 2 ✠ ★35w

**BOONEVILLE,** 1,631—Booneville Lt. & Pwr. Co.
Pres. C. S. Greenway ..........Booneville
Sec. & Treas. R. M. Harvey... "
*Mgr. H. P. Harley............ "
Ch. Engr. Jas. Daniel .......... "

3 a. c. G. E. F. M. & Co. tot. 325 kw. 2300 v. 8 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Ide, C. & T; 200 hp. b. Southn.

City cont. 94 Mazdas 32 c. p. $12 per yr; 12 Mazdas 100 c. p. $30 per yr; moonlt; mdnt; coal $1.54. (Co. also lts. Magazine.)

D L S 3 ✠ ★125

**BRINKLEY,** 3,000—Brinkley Wtr. & Lt. Co.; cap. auth. & paid in $50,000; no bds.
Pres. J. E. Thompson...Memphis, Tenn.
*Sec. & Mgr. J. W. Neff.........Brinkley

2 a. c. G. E. tot. 257 kw. 2300 v. 3 ph. 60 cys; 9 transf. Wag.-B. tot. 80 kw.; a. c. day & nt. ltg. & mo. cir.; 338 hp. e. Ridg., Mc E, Picket Corliss; 300 hp. b. C. & H, W. & W.

City cont. 45 Mazdas 350 & 100 c. p. $40 & $14 per yr; moonlt. all nt; coal and wood.

D L S 8 ✠ 75

**BURDETTE,** 515—*Three States Lumber Co. Executive office, Tenn. Trust Bldg., Memphis, Tenn.
Pres. W. A. Gilchrist....Memphis, Tenn.

1 a. c. Allis-C. 50 kw. 440 v. 3 ph. 60 cys; no day cir; 120 hp. e. Ridgway.

City cont. 6 arcs 6 amp; 20 incs. 32 c. p; wood.

L S 3 93

**CAMDEN,** 3,995—Arkansas Lt. & Pwr. Co. For executive officers, see Arkadelphia.
Local Mgr. E. F. Reynolds.......Camden

2 a. c. G. E, tot. 400 kw. 220 v. 3 ph. 60 cys; 1 G. E. rect. 35 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s & 3 ph. 60 cys; 650 hp. e. Mur: 400 hp. b. Brnl.

City cont. 4 Tung. 400 w; 42 Tung. 250 w; tot. $2,880 per yr; all nt; coal $2.80 and sawdust.

D L S 1 3 ✠ 25

**CLARENDON,** 2,037—Clarendon Elec. Lt. & Ice Co. (Owns White River Ice & Coal Co.); cap. auth. & pd. in $25,000.
Pres. T. T. Bateman..........Clarendon
V. Pres. Jay Wheelock........ "
*Sec. Geo. P. Reid............. "
Treas. H. B. Bateman......... "
¶ Mgr. Cont. Agt. & Supt.
J. T. Bateman................ "

1 a. c. Warren 60 kw. 110 v. 133 cys; a. c. nt. ltg. cir. 210 v. 133 cys; 125 hp. e. Harrisburg; 235 hp. b. Fairbanks, Morse.

City cont. 85 incs. 32 c. p. $12 per yr; sawdust, wood, coal.

I L S X 23

**CONWAY,** 2,794—*Munic. Light Plant. Cost $20,000.
¶ Pur. Agt. J. A. Pense..........Conway
Supt. Ch. Engr. & Elecn.
G. H. Burr...................... "

3 a. c. Westg. 270 kw. 1100-110 v. s. and 2 ph. 60 cys; no day cir; 300 hp. e. Ideal, Ham, Cor: 150 hp. b. Brnl.

Moonlt. mdnt; coal $2.00.

L S 1 2 19

**CORNING,** 1,439—Elec. Lt. Plant.
Mgr. & Owner, Geo. A. Booser..Corning
*Supt. Howard B. Hays.......... "

3 d. c. tot. 410 kw. 250 v; d. c. day and nt. ltg. cir. 220 v; d. c. motor cir. 220 v. (Will light Success and Datto.)

C D L ✠ 85w

**COTTON PLANT,** 1,081—Cotton Plant Lt. & Pwr. Co; cap. outstg. $10,000; bds. $4,000
Pres. S. W. Kenedy..........Cotton Plant
V. Pres. H. C. Argo.......... " "
Sec. & Treas. W. G. Frey .... " "
Mgr. S. B. Wilson........... " "
*¶Supt. J. L. Diamond...... " "

1 a. c. G. E. 75 kw. 2300 v. 3 ph 60 cys; 1 d. c. Allis-C. 42 amp. 110 v; a. c. nt. ltg. cir. 110 v. 60 cys; a.c. nt. mo. cir. 110 v. s. ph. 60 cys; 100 hp. e. Southern; 150 hp. b. Southern.

City cont. 39 arcs G. E.; moonlt; coal $2.56.

D L S 1 2 3 ✠ ★125

**DANVILLE,** 803—Danville Elec. Co. (Inc.) (Leased to C. T. Meadows); cap. $4,900.
Pres. A. B. Priddy...............Danville
V. Pres. I. B. Graydon.......... "
*Sec. & Treas. Geo. Leming...... "
¶ Mgr. & Supt. C. T. Meadows.. "
Engr. Pwr. Sta. Jesse Bloyed .... "

1 a. c. G. E. 50 kw. 2300 v 3 ph. 60 cys; nt. cir; 75 hp. e. C. & T.; 80 hp. b.

City cont. 40 incs. $6 per yr; all nt; wood.

L S 3 23

**DARDENELLE,** 1,757—Seven Cities Co. See Russellville.

**DE QUEEN,** 2,018—De Queen Ice & Lt. Co.; cap. $30,000; bds. $18,000.
Pres. C. W. Dawley......McAlester, Okla.
V. Pres. P. G. Whaley....Marshall, Tex.
Sec. L. W. Dawley.............Paris, "
Treas. W. L. Martin.......Marshall, "
*¶Mgr. Cont. Agt. & Supt.
A. A. Hinton...................De Queen
Engr. Pwr. Sta. J. B. Wylie.... "

1 a. c. Bull. 85 kw. 1100 v. s.ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 275 hp. e. Allis C; 350 hp. b. C. & H.; also 20 ton ice plant (Ruemmeli-Dawley).

City cont. 25 series Mazdas 60 w. $25 per year; all nt; coal $3.20.

D I L S 1 ✢ 15

**DERMOTT,** 1,662—*Munic. Elec. Lt. & Pwr. Plant.
Board Commrs. { E. P. Remley, Chm., Dermott
J. C. Hoffman........ "
J. B. Daniels........ "

1 a. c. G. E. 100 kw. 2300 110 v. ph. 60 cys; 200 hp. e. Atlas; 180 hp. b. Mil.

5 city arcs; 40 city incs; moonlt; wood $1.25; coal $3.40.

L S 3 70

**DES ARC,** 1,061—Planters Cotton Oil Co; cap auth. $60,000.
Pres. W. H. Hayley......Memphis, Tenn.
V. Pres. H. S. Hayley.... " "
*Sec. & Treas. G. W. Edmondson. Des Arc
¶ Mgr. F. H. Hess.................. "
Supt. H. P. Jones.................. "

2 d. c. West. G. E. tot. 82½ kw. 125 v; nt. cir; 50 hp. e. Brnl. (oil).

City cont. 4 arcs, 34 incs. 32 c.p. $12 per yr; mdnt. 4 A. M. to sunrise.

C G L ✢ 74

**DEVALL'S BLUFF,** 924—Munic. Lt. Plant.
Pres. Bd. John I. Booe......Devall's Bluff
V.Pres. A. K. Johnson........ "
Sec. George Craig........... "
Treas. M. J. Gillespie....... "
*Mgr. & Cont. Agt.
R. E. Mason.................. "
Ch. Engr. D. Lathrope....... "

1 d. c. Ft. Wayne 220 v; d. c. day & nt. ltg. & mo cir. 220 v; 75 hp. e. Flemg.; 150 hp. b. Voght.

City cont. 150 incs. 40 w. $4.80 per yr; moonlt; coal $3.45.

C D L S ✢ 75

**EARLE,** 1,542—Earle Lt. Pwr. & Ice Co. (Successor to Crittenden Pwr. Co.)
*Mgr. & Cont. Agt. C. E. Morrison. . Earle

2 a. c. G. E. tot. 112.5 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (18 hrs. winter & 24 hrs. summer) ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 220 v. 3 ph. 60 cys: 150 hp. e. Ide, Chuse; 100 hp. b Chickasaw.

City cont. 40 incs. 32 c. p. & 3 incs. 200 c. p: moonlt; slabs.

D L S 3 ✢ ★105w

**EL DORADO,** 4,202—*El Dorado Lt. & Wtr. Co. (Purchased plant of El Dorado Lt. & Pwr. Co. Controls Fordyce Lt. & Wtr. Co.); cap. $50,000.
Pres. J. P. Holmes ..........El Dorado
¶V. Pres. & Mgr. W.H. Holmes "
Sec. & Treas. S. R. Morgan.... "
Ch. Engr. Frank Goodwin.... "

1 d. c. Tri. 60 kw. 220 v; 1 a. c. Warren 50 kw. 1100-110 v. s. ph. 133 cys; no day cir; 175 hp. e. Atlas; 250 hp. b. Atlas. Brnl.

City cont. 25 arcs $84 per yr; 6 incs. 32 c. p. $21 per yr; all nt.

C L S 1 ✢ 82w

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Arkansas Lt. & Pwr. Co. See Arkadelphia.

**EUREKA SPRINGS,** 3,228—Eureka Springs Elec. Co.; cap. $50,000.
Pres. F. S. Ackerman.........Chicago, Ill.
V. Pres. & Mgr. H. I. Seidel.... } Eureka
¶ Sec. & Treas. R. A. George... } Springs
*Supt. E. F. McBroom............ "
Engr. Pwr. Sta. Grant Fuller.... "
Ch. Elecn. W. L. Dry............ "

2 a. c. Westg. tot. 210 kw. 1100-110 v. s. ph. 133 cys; 2 d. c. West. tot. 257 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 550 v; 580 hp. e. Rus. Ham; 450 hp. b. Erie, Vogt; also 10-ton ice plant (Ruemmeli).

City cont. 150 incs 32 & 50 c.p. $18 & $24 per yr; all nt; coal $2.65. (Company sells energy to Eureka Trac. Co.)

C D I L S 1 ✢ ★125

**FAYETTEVILLE,** 6,000—Fayetteville Gas & Elec. Co.; cap. $200,000; bds. $138,000.
*Pres. George D. Locke.............Rogers
V. Pres. V. McDaniel............. "
Sec. & Treas. H. L. Hughes....... "
Supt. F. L. Oneal ..............Fayetteville
Engr. Pwr. Sta. T. M. Murrell.. "

3 a. c. Westg. Bull. tot. 600 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c, day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 350 hp. e. Mur, Ham; 500 kw. stm. turb. Westg, Parsons; 750 hp. b. Wangler, Vogt.

City cont. 83 Mazdas series 80 c. p. $18 per yr; 143 Mazdas series 82 c. p. $12 per yr: mdnt; coal $1.85.

D L S 1 3 125

**FORDYCE,** 2,794—Fordyce Lt. & Wtr. Co. (Controlled by El Dorado Lt. & Wtr. Co.); cap. $50,000, bds. $40,000.
Pres. S. R. Morgan...............El Dorado
V. Pres. Treas. & Gen. Mgr.
M. B. Morgan................ "
Sec. J. D. Totum................ "
¶ Supt. M. L. Rhodes............ "

2 a. c. Westg. 150 kw. 2200-220-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. ph. 60 cys; 225 hp. e. H. O. & R; 180 hp. b Brnl.

City cont. 7 arcs. 2000 c. p. $84 per yr; 64 incs. 25 c. p. $6 per yr; moonlt; coal $3.75, wood and sawdust, $1.50 per day. (Co. also lts. Kingsland.)

D L S 1 ✢ 113

**FORREST CITY,** 2,484—Munic. Wtr. & Lt. Plant; cost $35,000.
Cashier, W. P. Gorman......Forrest City
*¶Mgr. & Ch. Engr.
A. D. Chilner.................. "

3 a. c. W. E. tot. 225 kw. 2300-110 v. 3 ph. 60 cys: a.c. day (summer) & nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Southern; —— hp. b. Shea.

City cont. 8 series arcs 2000 c. p.; 75 Tung. 75 c.p. $17.60 per yr; moonlt; wood.

D L S 3 ✢ 104 E

**FORT SMITH,** 23,975—Fort Smith Lt. & Trac. Co. Office, 23 N. 6th St. (Controlled by the Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co.. Chicago, Ill.); cap. $1,410,000 prfd, $950,000 com; bds. $2,671,000; debenture notes $300,000.
Pres. A. S. Huey..............Chicago, Ill.
V. Pres. H. M. Byllesby...... "
Sec. John Brizzolara.........Fort Smith
Treas. N. I. Garrison........ "
¶ Mgr. & Cont. Agt.
H. C. Hoagland.............. "
Supt. Ry. & Cl. Agt.
W. B. Tarkington ........... "
Supt. Elec. Dept.
R. E. Thompson............... "
Supt. Gas. Dept. W. S. Van
Sickel......................... "
Engr. Pwr. Sta. L. J. Noble.. "

3 a.c. G.E. Westg. tot. 2350 kw. 2300 v. 2 ph. 60 cys; 2 d.c. Allis-C, G.E. tot. 1100 kw. 550 v; trans. 13,200 v; a.c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; d. c. mo. cir. 550 v; 4625 hp. e. Fulton, Ham, Allis-C, Rus; 2540 hp. b. Bab. & W.

City cont. 362 G. E. encl. arcs 6.6 amp. $55 per yr; all nt; oil 69.8 cts per bbl. (Co. also lts. Van Buren, and sells energy to Ft. Smith-Oklahoma Lt. & Trac. Co.)
C D R S 2 65d

**GENTRY,** 668—Gentry Elec. Lt. Ht. & Pwr. Co. P. O. Box 125; cost $10,000.
Owners { C. M. Willmer..........Gentry
{ *Engr. F. E. Willmer... "
3 d. c. Burke tot. 30 kw. 115 v; d. c. day & nt. ltg. cir. 110 v; 55 hp. e. (gas) St. Mary & Mogul.
City cont. 37 Mazdas 100 w; mdnt. & morning hrs; oil 4 cts. per gal.
C D G L ✣ ★125

**GRAVETTE,** 569—Munic. Elec. Lt. Plant; bds. $10,500.
Recorder, C. F. Jay..............Gravette
*Supt. E. H. Crayton............ "
L 16E

**GREEN EOREST,** 635—Green Forest Milling & Elevator Co., Inc.
Pres. T. H. Villines.........Green Forest
V. Pres. M. S. Coxsey······ " "
*Sec. & Treas. L. H. Smith.. " "
Mgr. M. A. Oldham........ " "
Ch. Engr. J. E. Watson..... " "
Engr. Pwr. Sta. S. Bailey.. " "
1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. (oil) I. H. C.
City eont. 45 incs. "C" 32 c. p. $9 per yr; oil 5 cts. per gal.
G L 3 ✣ §16

**HAMBURG,** 1,787—*Munic. Elec. Lt. Plant; cost $45,000; bds. $30,000.
Treas. Jas. L. Pugh ..............Hamburg
¶ Mgr. & Supt. G. H. Ellis...... "
Engr. Pwr. Sta. A. W. Terry.... "
1 a. c. Wood 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. b. Southn; — hp. e. Chuse.
Moonlt; wood.
L S 3 ✣ 113

**HARRISBURG,** 942—Harrisburg Elec. Lt. & Pwr. Co; cap. $10,000.
Pres. J. G. Gant...............Harrisburg
V. Pres., Sec. & Treas.
Thos. Flournoy............. "
*¶ Mgr., Cont. Agt., Engr. Pwr. Sta. & Supt. P. O. Winters.. "
2 d. c. F. M. & Co. G. E. tot. 60 kw. 220 v; d. c. day (summer) & nt. ltg. & mo. cir. 220 v; 65 hp. e. H. S. & G; 100 hp. b. Shea; 25 hp. e. (oil) F. M. & Co.
City cont. 24 lts. tot. $268 per yr. moonlt; oil & wood.
C D G L S ✣ 16

**HARRISON,** 4,000—Harrison Gas & Elec. Co.; cap. $100,000; bds. $60,000.
*Pres. Geo. D. Locke.............Rogers
V. Pres. V. McDaniel.............. "
Sec. & Treas. H. L. Hughes....... "
Supt. J. C. Grimes...............Harrison
Engr. Pwr. Sta. E. N. Wyckoff... "
1 a. c. Allis-C, Bull. 175 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 150 hp. b. Rus; 300 hp. e. C. & H.
City cont. 24 Mazda series 350 w. $108 per yr; moonlt. all nt; wood & oil.
D L S 3 ✣ ★125

**HARTFORD,** 1,780—Coal & Gas Belt Elec. Co. See Huntington.

**HAZEN,** 687—Hazen Lt. & Pwr. Co.; cap. $25,000.
*Pres. W. H. Fox..................Hazen
V. Pres. J. B. Avera................ "
Sec. Treas. & Supt. W. L. Fox..... "
Supt. Pwr. Sta. A. D. Ledettor..... "
2 a. c. F. M. & Co. tot. 160 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 250 hp. e. Lycoming; 300 hp. b. Norton Mch. Co.
City cont. 100 incs. Mazda 100 kw. $12 per yr. when running at night; coal & wood $2.25 & $2. (Also lts. Tollville.)
D L S 3 ✣ 23

**HEBER SPRINGS.** 1,835 — Heber Springs Lt. Co; cap. $10,000.
Pres. Geo. R. Case........Mountain View
V. Pres. H. R. Case....... " "
Treas. J. R. Case...............Ruddells
*¶Sec. & Mgr. H. N. Case..Heber Springs
Engr. Pwr. Sta.
Henry Cupples.......... "
1 a. c. G. E. 90 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 120 hp. e. Ideal; 125 hp. b. Nat'l.
City cont. 55 Tung. 60 c. p. $18 per yr; moonlt. mdnt; coal $2.85; wood $1.25 per cord. (Will change to 3 ph. 60 cys. and install two direct-connected units.)
D L S 1 ✣ ★125

**HELENA,** 8,772—Helena Gas & Elec. Co. (Operated by Scofield Eng. Co., Philadelphia, Pa.); cap. stock $300,000; bds. $350,000.
Pres. John Gribbel.....Philadelphia, Pa.
V. Pres. J. J. Henderson " "
*¶Sec. Treas. & Mgr.
W. J. O'Brien...................Helena
Engr. Pwr. Sta. C. A. Parsons.... "
2 a. c. turbo-gen. Allis C. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 2 rot. conv. G. E. tot. 600 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 600 hp. b. Bab. & W.
City cont. 54 arcs series 6.6 amp. $100 per yr; coal $2.25. Company sells energy to Interurban Ry. Co.
D L S 3 ✣ 16

**HOPE,** 3,639—Munic. Wtr. & Lt. Plant.
*¶ Mgr., Cont. Agt. & Supt.
Chas. M. Richards................Hope
Engr. Pwr. Sta. J. Brown........... "
2 a. c. Westg. Bull. tot. 500 kw. 2200 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 650 hp. e. Bates, F. & S; 300 hp. b. C. & H.
9 city enc. arcs. Ft. W, Westg. A. B. 500 c. p; 137 series Tung. 100 c. p; moonlt; nat. gas 12½ cts.
D L S 1 2 74

**HOT SPRINGS,** 14,434—Central Arkansas Ry. & Lt. Corpn. (Controls Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co.) Controlled by the Federal Lt. & Trac. Co ; cap. outstg. $1,200,000 (prfd.), $2,500,000 (com.); bds. $2,050,000.
Pres. E. N. Sanderson,
60 Broadway, New York, N. Y.
V. Pres. & Treas.
J. Dunhill......... " "
Sec. A. R Marshall ... " "
16

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Citizens Elec. Co. (Cap. stock and bonds owned by Central Arkansas Ry. & Lt. Corp., which is in turn controlled by Federal Lt. & Trac. Co.); cap. $500,000; bds. $600,000.
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. & Asst. Treas. J. Dunhill
60 Broadway, New York, N. Y.
Sec. & Treas. F. H. Russ....Hot Springs
Mgr. S. E. Dillon............ " "
Ch. Engr. M. E. De France.. " "
2 a. c. G. E. tot. 2250 kw. 2300 v. 3 ph. 60 cys; a. c. mo. cir. 105-210 v. s. ph. 60 cys; 2250 kw. steam turb. Curtis; 1264 hp. b. Heine.
City cont; all nt; coal & natural gas. (Co. sells energy to Hot Springs St. Ry. Co.)
D L S 1 3 ★16

**HUNTINGTON,** 1,700—Coal & Gas Belt Elec. Co.; cost $100,000; cap. $33,500; bds. $27,000.
Pres. C. A. Morse
801 La Salle St. Sta., Chicago, Ill.
V. Pres. W. J. Puett.......Newton, Kans.
Sec. & Treas. L. E. Turner...Huntington
*Mgr. G. W. Skow............ "
Ch. Engr. W. J. O'Brien...... "

2 a. c. G. E. Westg. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir; 250 kw. stm. turb. G. E. West; 300 hp. b; 21-ton ice machine, York.

City cont. 144 incs. 6.6 amp. series 100 c. p. $18 per yr; moonlt, all nt; slack $1.10. (Co. also lts. Hartford, Mansfield, Arkoal & Midland.)

D I L S 3 ✢ 125

**JONESBORO,** 7,123— Munic. Water & Light Plant; bds. $160,000.
Pres. Bd. G. W. Puryear.......Jonesboro
Sec. & Treas. Jas. E. Parr...... "
*¶Mgr. J. F. Christy........... "
Ch. Engr. Ed. Hill............. "
Engr. Pwr. Sta. Ed. Boher...... "

3 a. c. Westg. tot. 820 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt ltg. cir. 106-110 v; a. c. day & nt. mo. cir. s. & 2 ph. 60 cys; 1085 hp. e. Mur. H. O. & R. Rus; 600 hp. b. Mur.

178 Mazdas "C" 100 c. p; 208 incs. "White Way" (4-lt. cutter posts); coal $2.50. (Lts. State Agricultural School.)

D L S 1 2 ★125

**JUNCTION CITY,** 1,065—*Citizens' Ice & Public Utility Co. (Successor to Junction City Lt. & Wtr. Co.); cap. $5,000; no bds.
Pres. & Gen. Mgr. R. G. Brown
Junction City
V. Pres. W. V. Brown...... "
Sec. & Treas. D. K. Brown.. "
Engr. Pwr. Sta. C. P. Hawkins "

1 a. c. Warren 21 amp. 110 v. s. ph. 60 cys; 1 d. c. arc 25 lts; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Atlas; 220 hp. b. Atlas.

City cont. 7 arcs 1200 c. p. $90 per yr; 800 incs. $6 per yr; moonlt; wood $1.75.

L S 1 ✢ 73w

**LAKE VILLAGE,** 1,074—Delta Lt. & Trac. Co. See Greenville, Miss.

**LAMAR,** 520—S. G. Cazort.
1 d. c, 5 kw. 125 v; 14 hp. e. (gas).
3 street lamps.

C G L ✢ §26

**LEWISVILLE,** 548—*Lewisville Lt. & Wtr. Co. (Owners, G. W. Dobson and A. T. Ward.)

1 a. c. Warren 60 kw. 1100-104 v. s. ph. 60 cys; a.c. ltg. (mdnt. & morning) cir. 104 v. 60 cys.

City cont. 29 incs. 60 w. $1.75 per yr; moonlt; wood $1.75 per cord.

L 1 ✢ 23

**LITTLE ROCK,** 61,627—Munic. Elec. Lt. Plant; cost $78,000.
Mayor, C. E. Tayor............Little Rock
*¶ Supt. & Ch. Elecn.
J. W. Bleidt............... "
Engr. Pwr Sta. A. F. Wright "

1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 13 G. E. rect; 500 hp. turb. (stm.) G. E; 350 hp. b. Stir.

784 city arcs magn. $32 per yr; all nt; coal and gas.

L S 3 125

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Little Rock Ry. & Elec. Co. Office, 115 W. 4th St. (Purchased Merchants' Ltg. Co.) Controlled by the American Cities Co.; common stock, outstanding $1,500,000, preferred stock, outstanding $750,000; bds. outstanding, $2,000,000, 5 p. c. and $1,225,000, 6 p. c.
Pres. D. H. Cantrell..314 W. Markham St.
V. Pres. & Treas. W. L. Hemingway
care of Mercantile Trust Co.
Sec. & Audr. W. J. Tharp..115 W. 4th St.
*¶ Gen. Mgr. C. J. Griffith.. "
Com'l Mgr. A. E. Smith.... "
Supt. Distribn. P. T. Philips "
Ch. Engrs. United Gas & Elec. Engineering Corpn.....61 B'way, New York, N.Y.
Engr. Pwr. Sta. A. W. Russell
115 W. 4th St.

4 a. c. G. E. tot. 5650 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 1650 kw. 550 v; 1 rect. G. E. 50 lts; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 3400 hp. e. Ham, Cor; 5000 kw. turb. stm. G. E; 4400 hp. b. A. & T.

City cont. 31 arcs G. E. 4 amp. $65 per yr; coal, gas and oil. (Co. also lts. Argenta and Pulaski Hgts.)

C D R S 3 ★125

**LONOKE,** 1,547—*Lonoke Lt. & Wtr. Plant.
Owner & Mgr. W. Y. Bransford..Lonoke

2 a. c. G. E. Warren 165 kw. 1100-110 v. s. ph. 60 cys; no day cir; 250 hp. e. Cor. Bates; 150 hp. b. Atlas.

Coal $3, wood $2.25.

L S 1 ✢ 82

**LUXORA,** 677—Luxora Water & Lt. Co.
*Owners, W. & C. B. Wood.......Luxora

1 a. c. T-H 40 kw. 1000-104 v. s. ph. 133 cys; 50 hp. e. H. S. & G; 80 hp. b. S. E. & B. N.

City cont. 25 incs. 32 c. p. $30 per yr; moonlt; coal $2.50.

L S 1 ✢ 125

**MAGNOLIA,** 2,045—Arkansas Lt. & Power Co. For executive officers, see Arkadelphia.
Local Mgr. J. F. Mullins..........Magnolia

1 a. c. G. E. 80 kw. 2200 v, 3 ph. 60 cys; 1 arc. mch. Ft. W. 10 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 235 hp. e. Atlas De La Vergne; 160 hp. b. Ames; also ice plant.

City cont. 33 series Tung. 100 c. p. $27.50 per yr; 33 incs. Tung. 60 c. p. $18 per yr; midnt.; wood $2.25. (Will serve Waldo.)

D I L S 3 ✢ 75†

**MALVERN,** 2,778—Arkansas Lt. & Pwr. Co. For executive officers, see Arkadelphia.
Local Mgr. B. C. McKennon ....Malvern
Engr. Pwr. Sta. L. C. Hulse...... "

3 a. c. G. E. tot. 1075 kw. 2200 v. 3 ph. 60 cys; 1 arc mch. Ft. W. 10 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 1000 kw. stm. turb. G. E., Curtis; purchases steam.

City cont. 4 Mazdas 350 w. $96 per yr; 134 Tung. 40w. $9 per yr; all nt. (Supplies energy to Arkadelphia.)

D L S 1 3 ✢ 25

**MAMMOTH SPRING,** 817—Mammoth Spring Elec. Lt. & Pwr. Co; $10,000; no bds.
Pres. Frank F. Hill ..Memphis, Tenn.
V. Pres. E. R. Parham... " "
*¶ Sec. Treas & Mgr. Edw. C. Bellamy
Mammoth Spring
Elec. Engr. Arthur E. Main
" "
Engr. Pwr. Sta.
A. Brewer............. " "
Ch. Elecn. G. M. Archer.. " "

4 a. c. Westg. tot. 1000 kw. 2200-104 v. 3 ph. 60 cys; trans. volt. 33,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 1600 hp. turb. (wtr.) Leffel.

Street series incs; all nt. (Co. also lts. Thayer, Koshkowong, Brandsville and West Plains, Mo.)
D N W 3 ✠ 125

**MARIANNA,** 4,810 — Arkansas Lt. & Pwr. Co. For executive officers, see Arkadelphia.
2 a. c. Westg. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 114 v. s. & 3 ph. 60 cys; 200 hp. e. Atlas, Rus; 220 hp. b. Shea.
City cont. 105 series Tung. 75 & 250 w. $20 & $40 per yr; moonlt; coal $3.
D L S 1 3 ✠ ★65w

**McGEE,** 1,157—Munic. Wtr. & Lt. Plant; cost $60,000.
¶ Mgr. H. W. Wright..............McGee
1 a. c. E. M. 100 kw. 2300 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 120 hp. e. (oil) Busch-Diesel.
50 incs. series 60 c. p. 6.6 amp. $24 per yr; oil 3½ cts. per gal.
C D G L 1 3 ✠ §115

**MENA,** 3,953—Mena Elec. Lt. & Pwr. Co.
Owners, Tomlinson Bros...........Mena
*Mgr. F. W. Tomlinson............ "
Supt. R. A. Tomlinson.............. "
Engr. Pwr. Sta. J. M. Okeson....... "
1 a. c. Allis-C 115 kw. 2200-110 v. 3 ph. 60 cys; day & nt. ltg. cir; 130 hp. e. Allis-C; 160 hp. b. Math.
City cont. 150 Mazdas series 6.6 amp. $19.20 per yr; all nt. moonlt; coal $2.10 and shavings.
D L S 3 ✠ 25

**MONTICELLO,** 2,274—Munic. Water & Lt. Plant; cost $60,000; bds. $15,000.
Comn. W. L. Dillard.........Monticello
L. D. McQuiston...... "
V. B. McCloy......... "
*Mgrs. & Cont. Agts.
Dickinson & Watkins......Little Rock
Engr. Pwr. Sta.
D. A. Trammell..............Monticello
2 a. c. Westg. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 240 hp. e. Ball; 200 hp. b. W. & W.
4 city arcs G. E. 6.6 amp; 106 Mazdas 6.6 amp; coal $3.53, wood $1.75.
C L S 1 3 75

**MORRILLTON,** 2,424—Arkansas Lt. & Pwr. Co. For executive officers, see Arkadelphia.
Local Mgr. J. F. Mullins ......Morrillton
Engr. Pwr. Sta. Ed. Drews...... "
2 a. c. G. E., Ridg. tot. 350 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 375 hp. e. Ridg. Mur; 350 hp. b. W. & W. O'Br.
City cont. 86 series incs. 32 cp. $15 per yr; 4 series incs. 250 cp. $60 per yr; all nt; coal $2.50 & slack $1.60. (Will erect trans. line to Plumerville.)
D L S 1 3 ✠ ★125

**NASHVILLE,** 2,374 — Nashville Ice, Coal & Lt. Co.
Owners W. J. Risinger........Nashville
M. Risinger.......... "
*Supt. W. J. Risinger.......... "
1 a. c. F. M. & Co. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Atlas; 180 hp. b; also ice plant.
City cont. 7 Mazdas 500 w. tot. $600 per yr; mdnt; refuse from saw mills $3 per day.
D I L S 3 ✠ 15

**NEWPORT,** 3,557—Arkansas Lt. & Pwr. Co. (Purchased Co-operative Elec Lt. Co.) See Arkadelphia.
Supt. Mr. McGuire..............Newport
3 a. c. G. E, Ft. W. tot. 350 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 500 hp. e. Ham Ide; 500 hp. b. Heine.
City cont. 80 Tungsten 75 w; coal $2.65.
D L S 1 35W

**OSCEOLA,** 1,769—The Osceola Munic. Lt. & Pwr. Plant.
*¶ Mgr. & Supt. Ed. Teaford.....Osceola
Engr. Pwr. Sta. James Overly.... "
1 a. c. Westg. 100 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 130 hp. e. oil De La Vergne.
City cont. 105 Mazdas 100-60 c. p; all nt; fuel oil.
D G L 1 ✠ 125

**OZARK,** 1,146—Ozark Light Plant.
Owners W. C. Bill.................Ozark
A. W. Dewfriest........... "
*Mgr. & Ch. Engr. A. Littleton..... "
2 a.c. Ft. W. West. tot. 160 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. 60 cys; 160 hp. e. Rus; 160 hp. b. John Rohan & Son; 75 hp. e. (oil) F. M. & Co.
City cont. 120 Tung. 40 w. $4.80 per yr; all nt; coal 90 cts. and oil. (Co. also lts. Altus and Denning.)
G L S 1 ✠ ★16

**PARAGOULD,** 5,248—Arkansas Lt. & Pwr. Co. For executive officers, see Arkadelphia.
3 a. c. Westg. G. E. tot. 375 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys; 975 hp. e. Chuse, St. Louis Iron Wks. Cor, DeL. V, York; 650 hp. b. Oil City, O'B, Wangler; also ice plant.
City cont. — arcs nitrogen 750 w. $42 & $84 per yr; 172 inc. series 40 w. $11.76 & $20.16 per yr; moonlt. & all nt; coal $3. (Will install turbine and ornamental street ltg. system.)
D I L S 2 ✠ ★16w

**PINE BLUFF,** 15,102—The Pine Bluff Co.; cap. $1,200,000; bds. $800,000.
Pres. F. G. Bridges............Pine Bluff
V. Pres. H. R. Dennis....New York, N.Y.
*Sec. Treas. & Gen. Supt.
B. C. Fowles................Pine Bluff
Cont. Agt. Minor Q. Woodward "
Engr. Pwr. Sta. Frank Emerson "
3 a. c. G. E. tot. 2250 kw. 2300 v. 3 ph. 60 cys: 2 d. c. G. E. 600 kw. 550 v; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 2250 hp. e. Curtis; 1800 hp. b. Bab. & W; 2250 kw. turb. (stm.) G. E.
City cont. 24 enc. arc 420 w. $120 per yr; 400 incs. series 40 w. $15 per yr; all nt; gas 10 cts. per M.
C D R S 3 125

**POCAHONTAS,** 1,547—Pocahontas Lt., Pwr. & Ice Co.; cap. $25,000.
Pres. W. H. Skinner .........Pocahontas
V. Pres. A. L. Kenyon
Chemical Bldg., St. Louis, Mo.
*Sec. Treas. Mgr. & Supt.
B. Morrison ..................Pocahontas
¶ Cont. Agts. Morrison & McCall
Chemical Bldg., St. Louis, Mo.
Energy purchased from Walnut Ridge & Hoxie Lt., Pwr. & Transit Co.; 3 transf. tot. 75 kw; trans. volt. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; also ice plant.
City cont. 50 incs. 40 w. $24 per yr; all nt.
D I L 1 ✠ 83

**PRESCOTT,** 2,705—Munic. Water & Lt. Plant; cost $25,500; bds. $2,000.

Mayor, R. P. Arnold ..............Prescott
Rec. & Sec. D. L. McRae ........ "
Treas. J. C. Young................ "
*Supt. A. R. Taylor................ "
Ch. Elecn. Theo. Elgin ........... "

1 a. c. G.E. 125 kw. 2300 v. 3 ph. 60 cys; no day cir; 140 hp. e. H. & T.

Coal.

L S 3 65W

**RECTOR,** 3,500—Rector Lt. & Wtr. Co.
*Owner, James N. Petrie..........Rector
Ch. Elecn. W. J Finch............. "

1 a.c. W.E. 75 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. cir; 132 hp. e. Cor; 160 hp. b. H. S. & G.

City cont. 85 Mazdas 40 w. $12 per yr; mdnt; coal $3; wood $2.

D L S 3 ✠ 15

**ROGERS,** 5,000—Rogers Lt. & Wtr. Co.; cap. $100,000; bds. $100,000.
*Pres. Geo. D. Locke..............Rogers
V. Prest. & Supt. V. McDaniel..... "
Sec. & Treas. H. L. Hughes....... "
Engr. Pwr. Sta. J. R. Boyd....... "

2 a. c. Westg. tot. 215 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 310 hp. e. Bates, Cor; 390 hp. b. Frost, Erie City, Vogt.

City cont. 5 arcs A. B. 1200 c. p. $120 per yr; 65 Mazdas 50 c. p. $12 per yr; moonlt. midnt; coal $2.65.

D L S 1 2 ✠ 125

**RUSSELLVILLE,** 2,936—Seven Cities Co. Hydro-elec. sta. on the Illinois River; steam sta. in Russellville; cap. outstg. $250,000; bds. $141,000.
Pres. Henri Chouteau
Security Bldg., St. Louis, Mo.
Sec. & Treas. Edgar Brewster. Pine Bluff
*Mgr. A. Brewster.................. "
Audr. C. M. Sanders...........Russellville
¶Supt., Cont. Agt. &
Ch. Engr. F. G. Law......... "
Engr. Pwr. Sta. Wm. Guest.. "

Pwr. stas. equip.: 4 a. c. G. E. Westg, Ft. W. tot 800 kw. 6600 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; trans. volt. 6600 v. 3 ph. 60 cys; 550 hp. e. Brnl; 250 hp. b. Brnl; 550 hp. wtr. wh. Davis.

City cont. 93 series incs. 6.6 amp. 32 c. p. $15 per yr; all nt; slack $1.85; mine run $2.50. (Co. also lts. Dardanelle.)

D L S W 1 3 ✠ ★125

**SEARCY,** 2,331—Munic. Elec. Lt. Plant, Dist. No. 1; cost $21,827.73; bds. $8,000.
Board { Chmn. J. J. Baugh.........Searcy
Board { Sec. S. W. Sanford.......... "
Board { H. Patterson................. "
Treas. J. H. Danes.................. "
*¶ Mgr., Supt. & Engr. Pwr. Sta.
E. R. Candor........................ "

2 d.c. Westg. tot. 175 kw. 220-110 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 110-220 v; 250 hp. e. Russel, Erie; 200 hp. b.

8 city incs. 250 w; 318 city incs. 40 c. p; tot. $75 per mo; moonlt; coal $3.25.

C D L S 16

**SILOAM SPRINGS,** 2,405—Munic. Wtr. & Lt. Plant; cost $75,000; bds. $40,500, 6 p. c. int.
¶Pur. Agt. M. Holvorson..Siloam Springs
*Supt. R. L. Neely ........ " "
Engrs. { H. Kent........ " "
Pwr. Sta. { J. H. Treadwell " "

2 a.c. Westg. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 325 hp. e. Erie, Atlas; 140 hp. b. Erie.

230 city incs. 60 to 110 w; all nt; coal $2.25 & $2.65.

D L S 8 15E

**SPRINGDALE,** 2,130—*Springdale Lt. & Pwr. Co.
Owners, Todd Bros.............Springdale

2 d. c. W. E, West. tot. 80 kw. 115 v; d. c. ltg. cir. 110 v; 250 hp. e. Erie Eng. Monarch, Cor; 125 hp. b. Phoenix.

City cont. 2 enc. arcs 10 amp. $100 per yr; 50 incs. Tung. 40 w. $18.34 per yr; mdnt; coal $3.

C L S ✠ 114†

**STAMPS,** 2,316—*Bodcaw Lumber Co. cost $15,000.
Pres. Wm. Buchanan....Texarkana, Tex.
V. Pres. & Mgr. W. C. Brown....Stamps
Sec. & Treas. J. A. Buchanan..Texarkana
Supt. Boyd Anderson...............Stamps
Engr. Pwr. Sta. Mike Whalen..... "

2 d. c. Eddy 95 kw. 125 v; d. c. day & nt. ltg. cir. 110 v; 150 hp. e. Clark; 300 hp. b. Erie.

Shavings and sawdust.

C D L ✠ 52

**STUTTGART,** 2,740—Stuttgart Wtr. & Elec. Lt. Co.; cap. $50,000.
Owners, { Pres. La Salle Stoops..Stuttgart
Owners, { ¶ Mgr. A. B. Stoops... "
*Ch. Engr. Pwr. Sta. H. Longrader "
Asst. { Geo. Harkney.............. "
Engrs. { Will Dane.................. "
Elecn. Joe Hanlon.................. "

3 d.c. Bull, Westg. tot. 145 kw. 220 v; d.c. day & nt. ltg. cir. 220 v; d. c. day & nt. mo. cir. 220 v; 180 hp. e. Eclipse, Troy & Enterprise; 180 hp. b. Frick.

City cont. 40 incs. 32 c. p. $2.85 per yr. 20, 12 & 10 cts. per kw; all nt; wood $3; coal $4.25.

C D L S ✠ 74

**TEXARKANA,** 5,655—Southwestern Gas & Elec. Co. (Texarkana Division) 116 E. Broad St.; cap. auth. & issued $500,000; bds. $3,000,000.
Pres. Henry M. Dawes
1615 Harris Trust Bldg., Chicago, Ill.
V. Pres. Rufus C. Dawes
1615 Harris Trust Bldg., " "
Sec. H. B. Hurd..The Rookery " "
Treas. J. C. Markley
1615 Harris Trust Bldg., " "
Audr. C. W. Demmon " " "
*Mgr. W. L. Wood, Jr.........Texarkana
Cont. Agt. W. B. Goldsberry.. "
¶ Pur. Agt. W. E. Bann ...... "
Gen. Supt. A. Patterson......... "
Ch. Engr. Pwr. Sta. A. W. Ball... "

4 a. c. Bull. G. E. tot. 2125 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. G. E. tot. 550 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys: 1625 hp. e. Allis-C, Fulton, Ham; 1250 kw. turb. (stm.) G. E; 1725 hp. b. Heine, Cahall.

City cont. 140 magnetite arcs 4 amp. $62.50 per yr; all nt; nat. gas 10 cts. (Also lts. Texarkana, Tex.)

C D R S 1 3 125

**VAN BUREN,** 3,878—Ft. Smith Lt. & Trac. Co. See Fort Smith.

**WALNUT RIDGE,** 1,798—Walnut Ridge & Hoxie Lt. Pwr. & Transit Co. Office, 1105 Chemical Bldg., St. Louis, Mo.; cap. $65,000; bds. $31,000.
Pres. S. C. Dowell..........Walnut Ridge
*V. Pres. & Ch. Engr. A. L. Kenyon
Chemical Bldg., St. Louis, Mo.
Sec. H. L. Ponder...........Walnut Ridge
Treas. & Auditor E. H. Gorse,
Chemical Bldg., St Louis, Mo.
Gen. Mgr. Jno F. Wilson..Walnut Ridge
¶ Cont. Agt. Morrison & McCall
Chemical Bldg., St. Louis, Mo.
Engr. Pwr. Sta. W. E. Patterson,
Walnut Ridge

2 a. c. G. E. Bull. tot. 530 kw. 2300 v. 3 ph. 60 cys; 2 d.c. G. E. tot. 100 kw. 550 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; d.c.

ltg. cir. 550 v; a. c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 250 hp. e. St. Louis, Cor; 500 hp. stm. turb. Westg; 500 hp. b. Mur. Heine.
City cont. 3 A. B. arcs 1200 c. p. $90 per yr; 82 incs. 32 c. p. $21 per yr; moonlt; coal $2.90. (Co. also lts. Hoxie and sells power to Pocahontas Lt., Pwr. & Ice Co.)
D R S 3 ✠ 125

**WARREN,** 2,057—Warren Lt. & Wtr. Co.; cap. $28,750.
Pres. F. L. Purcell..............Warren
V. Pres. W. J. Savage.......... "
*Sec. & Treas. Carl Hollis........ "
¶ Gen. Mgr. & Cont. Agt.
J. A. Wells.................. "
Engr. Pwr. Sta. Troy Smith...... "
2 a. c. G. E. 135 kw. 2300-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a.c. day & nt. mo. cir. 115 v. 3 ph. 60 cys; also purchases power from Arkansas Lumber Co; 120 kw. transf. G. E. Ft. W.
City cont. 5 arcs G.E. series 430 w. and 65 incs. Mazda series 6.6 amp. at 11 cts. per kw; moonlt; sawdust.
D L S 3 ✠ 83

**WILMOT,** 632—Enterprise Lt. & Pwr. Co.
Owners, { W. P. Maingault.......Wilmot
John C. Graham....... "
1 a. c. G. E. 110 v. 3 ph; a. c. nt. ltg. & mo. cir. 110 v; 65 hp. e. Chuse; 2 boilers.
City cont. all nt; wood.
L S 3 ✠ §115

**WYNNE,** 2,353—*Munic. Lt. & Wtr. Wks; cost $25,000.
Improvement Board { Pres. S. F. Austell....Wynne
V. Pres. Ed. L. Burke.. "
¶Sec.&Treas.J.E.Harris "
Supt. Odie Owen.................. "
Engr. Pwr. Sta. H. M. Boone...... "
2 d. c. ————, tot. 80 kw. 110 v; d. c. nt. ltg. cir. 110 v; 120 hp. e. Chuse; 220 hp. b. W. & W, Shea.
9 city arcs 6.6 amp. $60 per yr; 50 incs. 32 c. p. $7.20 per yr; moonlt; coal $3.15.
C L S ✠ 113

## CALIFORNIA.

**ALAMEDA,** 23,383—Munic. Elec. Lt. Plant; bds. issued $150,000, 5 p. c. int.
Comrs. { Chmn. H. Krousi.....Alameda
Wynn Merideth....... "
H. Baxter............ "
*¶ Supt. & Engr. Pwr. Sta.
Joseph B. Kahn.............. "
4 a. c. Westg. Pars. tot. 2525 kw. 2400 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 525 hp. e. Flemg., Natl; 2000 kva. turb. steam Westg. Pars; 1740 hp. b. Stir, Heine.
City cont. 40 incs. nitrogen 400 w. 2¼ cts. per kwh; 4200 Mazdas 60 w. 2¼ cts. per kwh; all nt; oil 70 cts.
D L S 2 ✠ ★125

**ALHAMBRA,** 5,021—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**ALTURAS,** 916—Alturas Elec. Lt. & Pwr. Co.; cap. issued $250,000; bds. $54,000.
*¶ Pres. Mgr. Cont. Agt. & Supt.
I. W. Gibbins.................Alturas
V. Pres. B. Lauer............. "
Sec. & Treas. B. F. Lynip......... "
Engr. Pwr. Sta. Ben. Sebastian... "
1 a. c. Allis C. tot. 300 kw. 6600 v. 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v. s. & 3 ph. 60 cys; 500 hp. wtr. wh. Knight & Co. Supplies energy to Surprise Valley Elec. Lt. & Pwr. Co. for distribution at Cedarville, Cal.
City cont. 154 series Tung. 75 w. $10 per yr; all nt.
D L W 1 3 25

**AMADOR CITY,** 1,009—Amador Elec. Lt. & Pwr. Co. See Sutter Creek.

**ANAHEIM,** 4,500—Munic. Lt. & Wtr. Wks.; cost $60,000.
Pres. of Board J. H. Cook......Anaheim
*Gen. Supt. E. H. Adams........ "
3 a. c. West. tot. 310 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 450 hp. e. Chuse; 375 hp. b. Stir. Penn. Erie.
30 city arcs G. E. 6 amp.; 145 city series tung. 60 c. p. 1.75-4 & 6.6 amp; 63 5-lt. cluster posts 6.6 amp.; moonlt.; gas 15 cts.
D L S 3 16

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Southern California Edison Co. See Los Angeles.
a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
L 1 3 26

**ANDERSON,** 1,116—Northern California Pwr. Co. See San Francisco.

**ANTIOCH,** 3,000—Pacific Gas & Elec. Co. See San Francisco.

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Great Western Pwr. Co. See San Francisco.

**ARCATA,** 1,121—Western States Gas & Elec. Co. See Eureka.
Local Supt. C. C. Armstrong........Arcata
Energy from Eureka; trans. volt. 10,000 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 100 Mazdas 75 w. $15 per yr; all nt.
D L 3 ✠ 35

**ARROYO GRANDE,** 3,646—Midland Counties Public Service Co. (Absorbed the Russel Robison Wtr. & Elec. Co.) See San Luis Obispo.
1 a. c. G. E. 75 kw. 6600-2300-220-110 v. 3 ph. 60 cys; a.c. day and nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 150 hp. e. Nord; 150 hp. b. Atlas.
Crude oil 63 cts. (Trans. to Oceano, Pismo and Hadley.)
D L S 3 ✠ 1241

**AUBURN,** 2,376—Pacific Gas & Elec. Co. See San Francisco.

**AVALON,** 361—Santa Catalina Island Co. Gen. offices, 594 Pacific Elec. Bldg., Los Angeles.
Pres. W. Banning...........Los Angeles
V. Pres. J. B. Banning...... "
Sec. D. Fleming.............. "
*Mgr. A. M. Jamison.......... "
¶ Pur. Agt. P. Crowell...... "
Ch. Engr. & Elecn. J. Schiebusch.Avalon
3 a. c. Westg. 320 kw. 2200-110 v. 2 ph. 60 cys; ltg. cir. 110 v; pwr. cir 400 v; 600 hp. e. Bckye, Ball, Flem; 500 hp. b. Bab. & W. tublr.
Oil; all nt.
L S 2 ✠ 25

**AZUSA,** 1,477—*Munic. Ltg. System; cost $22,000.
Supt. Hardin W. Thompson.......Azusa
Energy purchased from Pacific Lt. & Pwr. Corpn.; 2 transf. Westg. tot. 37½ kw; a. c. day & nt. ltg. cir. 110 v. 50 cys; a. c. day & nt. mo. cir. 440-220-110 v. 2 ph. 50 cys.
100 city Mazdas 100 w; all nt.
D L 2 84

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*Pacific Lt. & Pwr. Corpn. See Los Angeles.

**BAKERSFIELD,** 12,727—San Joaquin Lt. & Pwr. Corpn. For executive officers, see Fresno.
Supt. & Ch. Engr. Chas L. Easton
Bakersfield

3 turbo-gen. G. E. Allis-C. tot. 16,550 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir; 6125 hp. b. Sterling, Bab. & W.

City cont. 233 series arcs $5 per yr. (Trans. to Mariposa, Merced, Kings and Fulam.)

D R S 3 ✠ 35

**BANNING,** 1,100—The Lt. & Pwr. Utility Co.
*Mgr. C. H. L. Ghriest..........Banning

Purchases energy from The Southern Sierra Power Co; 15 transf. Wagner, Allis-C. tot 84 kw; a. c. day & nt. ltg. cir. 110 v; a.c day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 3 nitro. lamps 500 w. and 3 Mazdas 100 w. 7 cts. per kwh. (temporary system.)

D L 1 3 16

**BARSTOW,** 550—*Barstow Utilities Co.

Purchases energy from The Southern Sierra Power Co.

L X 25†

**BAY POINT,** 100—Bay Point Lt. & Wtr. Co.; cap. $25,000.
Pres. C. A. Smith.................Oakland
¶ V. Pres. A. E. Fiske......San Francisco
Sec. G. S. Arnold.......... "
Treas. F. A. Warner.............Oakland
Mgr. E. U. Wheelock............ "
*Supt. J. A. Privett............Bay Point
Engr. Pwr. Sta. Sam'l Covert.. "

2 a.c. Westg. 500 kw. 240 v. 3 ph 60 cys; a. c. nt. ltg cir. 240 v. 60 cys; a.c. day mo. cir. 240 v. 3 ph. 60 cys; trans 2200 v; 800 hp. c. Allis-C.

Shavings.

L S 3 ✠ 75

**BELVEDERE,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**BENICIA,** 3,360—Pacific Gas & Electric Co. See San Francisco.

**BEN LOMOND,** 500 (in summer 1,500) —Ben Lomond Lt. Co.; cap. auth. $2,000.
Pres. E. C. Lilly...............Santa Cruz
*¶ V. Pres. Sec. Treas. & Mgr.
B. Dickinson..............Ben Lomond

Energy purchased from Pacific Gas & Elec. Co.

L ✠ 104†

**BERKELEY,** 40,000—Pacific Gas & Elec. Co. See San Francisco.

**BIG PINE,** 399—The Southern Sierras Pwr. Co. See Denver, Colo.
Local Supt. D. W. Thomas.....Big Pine

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3. ph. 60 cys.

City cont. 10 Mazda series 80 c. p. $36 per yr; 42 Mazda series 40 c. p. $18 per yr.

D L 3 16

**BIGGS,** 403—Munic. Elec. Lt. & Wtr. Plant; bds. $5,400.
Pres. Bd. Trustees, W. I. Ricketts.Biggs
*¶City Clerk, C. C. Spence......... "
Treas. J. M. Brough................. "
Engr. Pwr. Sta. W. B. Hurd........ "

Purchases energy from Pacific Gas & Elec. Co. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v. 60 cys.

442 city Mazdas (2-440 w.) mdnt.

D L 3 ★95

**BISHOP,** 1,190—The Southern Sierras Pwr. Co. For executive officers, see Denver, Colo.
Supt. Com. Business
H. O. Wangelin..................Bishop
Supt. & Engr. Pwr. Sta.
F. O. Dolson.................... "

2 hydro-electric plants on Bishop Creek near Bishop (for equip. see Denver).

N W 16

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Nevada-California Pwr. Co. See Denver, Colo.

3 hydro-electric plants on Bishop Creek near Bishop (for equip. see Denver).

N W 16

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Bishop Lt. & Pwr. Co. (Controlled by the Nevada-California Elec. Corp'n.); cap. $15,600; no bds.
Pres. I. B. Potter...............Riverside
V. Pres. & Mgr. A. B. West..... "
¶Sec. H. R. Day................ "
Treas. A. S. Cooper............. "
Gen. Agt. E. B. Criddle......... "
Supt. H. O. Wangelin.............Bishop
Ch. Engr. C. O. Poole..........Riverside

Purchases energy from The Southern Sierra Pwr. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys.

City cont. 60 Mazdas 40 c. p. $18 per yr; all nt.

D L 3 ✠ ★16

**BODIE,** 700—Pacific Pwr. Co. (Hydro-elec. plant on Mill Creek; new plant at Silver Lake under construction); cap. $800,000; bds. $800,000.
Pres. ——— ——— .........Riverside
*Asst. Sec. Treas. & Mgr.
W. N. Chatfield ....................Bodie
Ch. Engr. C. O. Poole..........Riverside

2 a. c. Allis-C. tot. 3000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 55,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph 60 cys; 4000 hp. (wtr. wh.) Doble, Pelton. Interchange of energy with The Southern Sierras Pwr. Co.; 21 transf. G. E., Allis-C, West. tot. 4,650 kw.

(Serves Bodie, and Aurora, Lucky Boy, Fairview, Wonder and Rawhide, Nev.)

D N W 3 ✠ ★26w

**BOULDER CREEK,** 544 — Boulder Creek Elec. Lt. & Wtr. Co.; cap. authorized $75,000, issued $52,000: no bds.
*¶ Pres. & Mgr. H. L. Middleton,
Boulder Creek
V. Pres. B. F. Brisac.......San Francisco
Sec. A. M. Anthony.......Boulder Creek
Engr. Pwr. Sta. J. M. Stotts "

1 a. c. Ft. W. tot. 35 kw. 1100 v. s. ph. 125 cys; a.c. nt. ltg. cir. 110 v. 125 cys; 85 hp. turb. (wtr.) Pelton.

L W 1 ✠ 25

**BURBANK,** 550—Munic. Elec. Lt. Plant.
*Mgr. F. C. Miller.................Burbank

Buys pwr. from Pacific Lt. & Pwr. Corpn.; a. c. day & nt. ltg. cir. 110 v. 50 cys; a. c. day & nt. mo cir. 220-110 v. s. & 3 ph. 50 cys.

65 city Mazda series 100 & 200 c. p. $15 per yr; 1.30 P. M. (Contemplates installing 3-75 kva. or 2-100 kva. s. ph. 50 cycle transf.)

D L 1 3 ★125E

**BURLINGAME,** 5,000—Pacific Gas & Elec. Co. See San Francisco.

**CALISTOGA,** 751—Calistoga Elec. Co.
Pres. C. W. Waller........San Francisco
Sec. J. W. McLane..............Calistoga
*Mgr. Cont. Agt. Supt. & Engr.
H. B. Kinney ................ "

Purchases energy from Napa Valley Elec. Co.; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 35 Tung; all nt.

D L 1 3 65

**CAMPBELL,** 825—Peninsular Ry. Co. Office, Pacific Elec. Bldg., Los Angeles. (Controlled through stock ownership by Southern Pacific Co.); cap. $12,000,000; bds. $500,000.
Pres. Paul Shoup............Los Angeles
*Sec. and Audr.
H. A. Culloden............ " "
Treas. M. S. Wade.......... " "
Mgr. F. E. Chapin...............San Jose
¶ Pur. Agt. F. W. Taylor....Los Angeles
Ch. Engr. Henry H. Lynch......San Jose
Energy purchased from Pacific Gas & Elec. Co.; 3 transf. West. tot. 300 kw.; 3 rot. conv. West. G. E. tot. 750 kw.; 4 mo.-gen. G. E. tot. 1200 kw.; d. c. day & nt. ltg. & mo. cir. 100 v.; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 15 incs. 16 c. p. $6 per yr.; moonlt.
C D L 3 124

**CARPINTERIA,** 1,100—Santa Barbara Gas & Elec. Co. See Santa Barbara.

**CEDARVILLE,** 400—*Surprise Valley Elec. Lt. & Pwr. Co.; cap. $7,451; bds. $7,171.
Pres. F. L. Roberts.............Cedarville
V. Pres. R. H. Stanley......... "
¶ Sec. Mgr. Cont. Agt. & Supt.
Harry S. Hawkins........... "
Treas. Ed. Hill................ "
Energy purchased from Alturas Elec. Lt. & Pwr. Co. 2 transf. Wagner tot. 80 kw; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s ph. 60 cys; trans. volt. 13,200 v. s. ph. 60 cys.
City cont. 39 Tungstens 80-40 c. p. $15 per yr; all nt. & 1 A. M.
D L 1 74

**CEMENT,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**CENTERVILLE,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**CHICO,** 13,000—Pacific Gas & Elec. Co., Chico District. See San Francisco.
Mgr. H. B. Heryford..............Chico
a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys.
Supplies energy to the Diamond Match Co. and Northern Elec. Ry. Co.
D L 1 3 104

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The Diamond Match Co. Main office, 111 Broadway, New York, N.Y.
Pres. Edw. R. Stettinius..New York, N. Y.
V. Pres. W. A. Fairburn " "
Sec. H. F. Holman....... " "
Treas. H. C. Cranz...... " "
*Pacific Coast Mgr. V. S. Woolley..Chico
¶ Pur. Agt. A. D. Rockwood....... "
Ch. Elecn. H. H. Liggett........... "
Engr. Pwr. Sta. J. E. Baughman... "
4 a. c. Bull, tot. 925 kw. 440 v. 3 ph. 60 cys; 4 d. c. G. E. Westg. tot. 200 kw. 125 v; a. c. nt. ltg. cir. 250-125 v. s ph. 60 cys; a.c. mo. cir. 440 v. 3 ph. 60 cys; 1300 hp. e. McI. & S. Flem: 1290 hp. b Stir. (Plant not in operation): energy purchased from Pacific Gas & Elec. Co.; 1200 kw. transf. Westg. 60,000-450 v.
(Co. does com. ltg. in Stirling City, 1200 incs.)
C L S 1 3 ✣ 25

**CHINO,** 1,444—Southern Calif. Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**CLOVERDALE,** 823—California Telep. & Lt. Co. See Santa Rosa.
a. c. day & nt. ltg. cir. 110 v. 60 cys.; a. c. day & nt. mo. cir. 110-220 v. s, 2 & 3 ph. 60 cys.
City cont. 52 series incs. 100 w. $22.80 per yr; all nt.
D L 1 2 3 16

**COALINGA,** 4,199—Midland Counties Public Service Corpn. For executive officers see San Luis Obispo.
Dist. Agt. F. V. Boller...........Coalinga
Energy from San Joaquin Lt. & Pwr. Corpn.; trans. 11,400-6600 v. 3 ph. 60 cys; 3 transf. Allis-C. tot. 705 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. s. & 3 ph. 60 cys.
City cont. 97 series G. E. tung. 100 w. $30 per yr; all nt. Transmits energy to oil field.
D L 1 3 ✣ 74

**COLMA,** 3,500—Pacific Gas & Elec. Co. See San Francisco.

**COLTON,** 3,980 — Southern California Edison Co. See Los Angeles.
a. c. day & nt ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**COLUSA,** 1,582—Pacific Gas & Elec. Co. See San Francisco.
Long distance transmission 18,000-2400-240-120 v; 2 a. c. transf. Stan. tot. 300 kw. 120 v. 2 and 3 ph. 60 cys; a. c. day cir. 120 v; pwr. cir. 240-120 v.
City cont; all nt.
D L 2 3 ✣ 104

**COMPTON,** 922—*Consolidated Utilities Co.; cap $100,000.
Pres. F. H. Lewis...............Compton
V. Pres. M. P. McDonald....... "
Sec. J. Lee Shepard............ "
Treas. W. G. Legg.............. "
¶ Mgr. Cont. Agt. & Supt.
J. O. McDonald.............. "
Power purchased from Pacific Lt. & Pwr. Corpn.; 2 transf. Westg. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 50 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 50 cys.
City cont. 25 incs. Tung. 100 w. $13 per yr; all nt.
D L 1 3 ✣ 83

**CONCORD,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**CORONA,** 3,540—Corona Gas & Elec. Lt. Co. (Owned by The Southern Sierras Pwr. Co. which in turn is controlled by Nevada-Calif. Elec. Corpn.) cap. $50,000; no bds.
Pres. & Ch. Engr. C. O. Poole..Riverside
V. Pres. & Mgr. F. A. Worthley "
¶Sec. H. R. Day.................. "
Treas. A. S. Cooper............ "
Gen. Agt. E. B. Criddle......... "
Gen. Supt. C. C. Bartlett...........Corona
Purchases energy from Southern Sierras Pwr. Co.; 3 transf. Westg. tot. 450 kva; a.c. day & nt. ltg. cir. 110 v. 50 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 50 cys.
City cont. 25 arcs W. E. 7 amp. $96 per yr: 176 incs. series 4 amp. $8.64 per yr; all nt.
D L 3 ✣ ★10

**CORONADO,** 1,477 — United Lt., Fuel & Pwr. Co.
Pres. John D. Spreckels....San Francisco
V. Pres. Wm. Clayton.........San Diego
Sec. & Gen. Counsel, H. L. Titus "
Treas. Claus Spreckles.......... "
*Gen. Supt. B. M. Warner.....Coronado
¶ Pur. Agt. Geo. Holmes........San Diego
Engr. Pwr. Sta. E. M. Harris...Coronado
3 a.c. Stan. Ft.W. Westg. tot. 120 kw. 2300 v. 3 ph. 60 cys; 3 d.c. G.E. tot. 215 kw. 115 v; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 110 v.; 490 hp. e, Ideal, Ham, Bckye;

720 hp. b. Bab. & W. Also buys energy from San Diego Elec. Ry. Co.; trans. line (300 kw.) 2300 v. 3 ph.

City cont. 100 Tung. 60 c. p. $21 per yr; moonlt; oil 85 cts. per bbl.

C D L S 1 3 ✣ ★125

**COVINA,** 1,652 — Pacific Lt. & Pwr. Corpn. See Los Angeles.

**CROCKETT,** 2,500—Pacific Gas & Elec. Co. See San Francisco.

**CUCAMONGA,** 2,000—Ontario Power Co. See Ontario.

**DAVENPORT,** 1,000—Coast Counties Gas & Elec. Co. See Santa Cruz.

**DEL MAR,** 28—Del Mar Wtr., Lt. & Pwr. Co. Office, Del Mar.

Pres. Wm. G. Kerckhoff.....Los Angeles
V. Pres. H. W. Keller........ "
Sec. & Mgr. F. H. Tolle...... "
Treas. H. P. Baumgaertner.. "
Audr. R. E. Howlett..............Del Mar
*¶Ch. Engr. A. D. Murphy........ "
¶Supt. H. F. Knerr.............. "
Engrs. { John Smead.......... "
Pwr. Sta. } G. A. Fishell......... "

1 a. c. Westg. 120 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.; 200 hp. e. Atlas; 275 hp. b. Atlas; 50 hp. gas e. Sterns; also stm. htg. Also purchases energy from San Diego Consol. Gas & Elec. Co; trans. volt. 11,000 v.

Oil 98 cts. per bbl.

D G H L S 3 ★16

**DIXON,** 1,000—Pacific Gas & Elec. Co. (Solano District). For executive officers, see San Francisco.

Dist. Mgr. C. E. Sedgwick............Dixon

Trans. 40,000-2300-220-110 v. 3 ph. 60 cys: a.c. day cir. 2200-110 v.

City cont.

D L 3 ✣ 104

**DOWNEY,** 1,000—Downey Lt., Pwr. & Wtr. Co.; cap. $40,000.

*Pres. & Mgr. Col. I. R. Gordon..Downey
V. Pres. I. H. Ardis............... "
Sec. F. H. Gordon................ "
Treas. Los Nietos Valley Bank.. "

Purchases current from Southern Cal. Edison Co.; a. c. day & nt. ltg. cir. 110 v. 50 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 50 cys.

City cont. 14 incs. Tung. 250 w. $84 per yr; moonlt. (Co. also lts. Artesia, Norwalk and Rivera.)

D L 3 14

**DOWNIEVILLE,** 500 — Downieville Elec. Lt. Co.

Pres. M. A. Costa..............Downieville
*¶ Mgr. & Ch. Engr. C. J. York "
Ch. Elecn. Wm. Debuque... "

1 a.c. Westg. 45 kw. 2200-110 v. s. ph. 133 cys; no day cir; 65 hp. turb. (wtr.) Leffel.

L W 1 ✣ 78

**DUNSMUIR,** 2,380—California-Oregon Pwr. Co. See San Francisco.

**DURHAM,** 500—Durham Lt. & Pwr. Co.

*Owner, J. A. Foster............Durham

Energy purchased from Pacific Gas & Elec. Co; 40 transf. G.E. tot. 300 kw; a. c. day & nt. ltg. cir. 110-125 v; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.

City cont. 35 Mazdas 40-60 w. $12 per yr. all nt. (Also lts. Dayton.)

D L 1 2 3 ✣ 125

**DUTCH FLAT,** 750—Elec. Lt. Plant.

*Owner & Mgr. J. G. Peters...Dutch Flat

Buys power from Pacific Gas & Elec. Co.; a. c. day & nt. ltg cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 104 v. s. ph. 60 cys. (Also lts. Alta.)

D L 1 ✣ 22

**EAGLE ROCK,** 1,450—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**EAST SAN DIEGO,** 5,000—San Diego Consolidated Gas & Elec. Co. See San Diego.

**EL CENTRO,** 1,610—Holton Power Co. See Holtville.

**ELSINORE,** 488—The Southern Sierras Pwr. Co. For executive officers see Denver, Colo.

Local Supt. E. E. Robinson.....Elsinore

a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys.

City cont. 62 incs. Tung. 60 w. $15 per yr; all nt.

D L 3 ✣ 16

**EMERYVILLE,** 5,000 — Pacific Gas & Elec. Co. See San Francisco.

**ESCONDIDO,** 1,344—Escondido Utilities Co. (Elec. Lt. & Gas); cap. $97,000; bds. $5,000.

*Trustee, Los Angeles Tr. & Svg. Bk. Los Angeles
Pres. Edgar B. Buell...........Escondido
V. Pres. J. T. Welden.......... "
Sec. & Treas. O. E. Freeman.. "
Mgr. & Engr. Pwr. Sta.
Chas. C. Glass................ "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 225 hp. e. H. F. & M. Co; 250 hp. b. Bab. & W.

City cont. 100 incs. $1.25 per yr; moonlt; oil 90 cts.

L S 3 ★16

**EUREKA,** 11,848—Western States Gas & Elec. Co. (Eureka Div.) Office, 318 Fifth St.; plants located in Eureka and Junction City. For executive officers see Stockton.

¶ Mgr. & Gen. Supt.
H. L. Jackman.................Eureka
Ch. Engr. E. W. Naileigh.......... "

7 a. c. G. E. Westg. Bull. tot. 4500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 1900 hp. e. McI. & S, Ball; 2000 hp. b. Bab. & W., Langford; 2000 kw. turb. (stm.) G. E, Westg; 2700 hp. turb. (wtr.) Pelton.

City cont. 217 arcs magn. 4 amp. $5.00 per yr; moonlt; oil 89 cents per bbl. (This div. also serves Arcata, Fortuna, Ferndale, Fields Landing, Loleta, Alton, Hydesville, Rohnerville, Blue Lake and Carlotta.) (Installing 1200 hp. b. Sterling.)

D L S W 3 16w

**FAIROAKS,** 330—Fairoaks Elec. Co.

*Owner, R. A. Rose.............Fairoaks

Energy purchased from Great Western Pwr. Co; 2 transf. tot. 50 kva; a.c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 ✣ §26

**FERNDALE,** 905—Western States Gas & Elec. Co. See Eureka.

a. c. day and nt. ltg. cir. 110 v. 60 cys; a. c. day and nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 60 incs. 75 w. 6 cts. per kw. hr.

D L 3 35

***FOLSOM CITY,** 1,800—Pacific Gas & Elec. Co. See San Francisco.

**FORESTHILL,** 828—Foresthill Elec. Co.

Owners { C. W. Langstaff.....Foresthill
} *Mgr. M. C. Langstaff "

1 a.c. West. 60 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v. s. ph. 60 cys; 100 hp. turb. (wtr.) Pelton.

City cont. 4 arcs; 300 incs.

L W 1 ✣ 85

**FORT BRAGG,** 2,408—Fort Bragg Elec. Co. (Owned by Union Lumber Co.)
Pres. & Mgr. F. C. White......Fort Bragg
*Supt. H. C. Johnson.......... "
Ch. Elecn. J. Tallman........ "
2 a.c. Westg. tot. 1600 kw. 2200 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. 2 & 3 ph. 60 cys; 400 hp. e. Harrisburg; 1200 kw. stm. turb. Westg: buys stm. from Union Lumber Co.
City cont. 13 arcs A. B. $72 per yr; all nt. (Co. also sells energy to Mendocino Elec. Lt. & Pwr. Co.)
D L S 2 3 ✠ ★125

**FRESNO,** 24,892—San Joaquin Lt. & Pwr. Corpn. Office, Fresno. (Controls Midland Counties Public Service Corpn. of San Luis Obispo and Bakersfield & Kern Elec. Ry. Co.) (Four hydroelectric gen. stas; steam reserve sta. in Fresno and stm. turb. plant in Bakersfield.); cap. stk. $17,500,000 com., $5,500,000 pref; bds. $2,776,000.
Pres. W. G. Kerckhoff.......Los Angeles
V. Pres. A. G. Balch......... "
Sec. L. M. Farnham......... "
Treas. A. E. Peat............ "
Audr. D. M. Speed................Fresno
Gen. Mgr. A. G. Wishon.......... "
Contract Agt. E. B. Walthall...... "
¶ Pur. Agt. J. H. Newlin......... "
Gen. Supt. E. A. Quinn........... "
Ch. Engr. G. O. Newman....Los Angeles
Supt. Elect. Harvey Shields.......Fresno

HYDRO-ELEC. STAS:

*NO. 3, MADERA COUNTY*—2 a. c. Bull. tot. 2000 kva. 550 v. 3 ph. 60 cys; 4000 hp. wtr. wh.

*SAN JOAQUIN, MADERA COUNTY*—4 a. c. G. E. tot. 16,000 kva. 2300 v. 3 ph. 60 cys; 24,100 hp. wtr. wh. Doble.

*TULE RIVER, TULARE COUNTY*—2 a. c. Allis-C. tot. 6000 kva. 2300 v. 3 ph. 60 cys; 9000 hp. wtr. wh. Allis-C.

*KERN CANYON, KERN CO.*—3 a.c. G. E. tot. 1350 kva. 550 v. 3 ph. 60 cys; 1925 hp. wtr. wh. Knight.

STEAM ELEC. STAS:

*BAKERSFIELD*—(Which see for equipt.)

*FRESNO*—750 hp. e; 850 hp. b.

a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.
City cont. 364 arcs $5 per yr. all nt; 271 incs. meter. (Co. also serves Bakersfield, Madera, Selma, Fowler, Taft, Maricopa, McKittrick, Los Banos, Dos Palos, Firebaugh, Merced, Chowchilla, Kingsburg, Corcoran, Dinuba, Kerman, Reedley, Sanger, Clovis and Lemoore and sells energy to Fresno Trac. Co. and Coalinga Wtr. & Elec Co.)
D R S W 3 ✠ 55

**FULLERTON,** 1,725 — Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L I 3 26

**GALT,** 1,084—Western States Gas & Elec. Co. of California. See Stockton.

**GILROY,** 2,437—Coast Counties Gas & Elec. Co See Santa Cruz.

**GLENDALE,** 2,746—Munic. Elec. Lt. Plant. Office 575 Broadway; cost $136,000; bds. $91,000.
*Mgr. H. B. Lynch...............Glendale
Buys power from Pacific Lt. & Pwr. Corpn.; 3 transf. G. E. 600 kw; a. c. day & nt. ltg. cir. 220-110 v. 50 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 50 cys; trans. volt. 15,000 v. 3 ph. 50 cys.
205 5-lt. city posts (1-100 w, 4-60 w) $9 per yr; all nt. (Also lts. Casa Verdugo and West Glendale.)
D L 3 • 125

**GLEN ELLEN,** 1,100—Calif. Telep. & Lt. Co See Santa Rosa.

**GONZALES,** 500—Alpine Evaporated Cream Co. Office, 268 Market St., San Francisco; cap. $200,000; no bds.
Pres. & Mgr. A. R. Patrick
San Francisco
*V. Pres. & Gen. Supt. J. P. Meyenberg,
Gonzales
Sec. & Treas. H. W. Franck
San Francisco
Engr. Pwr. Sta. Wm. Daniels...Gonzales
1 a. c. W. E. 50 kw. 2200 v. 3 ph. 60 cys; 1 d. c. W. E. 17 kw. 110 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. day & nt. mo. cir; 125 hp. e. Nord, Cor; 500 hp. b. Kew.; 10 hp. e. (gas) F. M. & Co.
City cont. 800 incs; crude oil, 90 cts. per bbl.
C D G L S 3 25

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Coast Valleys Gas & Elec. Co. See San Francisco.

**GRASS VALLEY,** 4,520—Pacific Gas & Elec. Co. See San Francisco.

**GREENVILLE,** 400—Plumas Lt. & Pwr. Co. (Successor to Indian Valley Elec. Lt. & Pwr. Co.)
Pres. E. C. Cox................Greenville
Treas. S. C. ver Necht......... "
*Supt. W. A. Ough .............. "
1 a. c. G. E. 30 kw. 2300 v. s. ph. 125 cys; a. c. day & nt. ltg. cir. 220 v. 125 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 125 cys; 50 hp. turb. (wtr.) U. I. Wks.
City cont. 3 arcs; 8 incs. 32 c. p; all nt. (Also lights Crescent Mills.)
D L W 1 ✠ 65a

**GRIDLEY,** 987—Munic. Elec. Lt. & Wtr. Wks; cost $17,500.
Pres. R. A. Worman..............Gridley
Treas. E. E Beggs.................. "
*¶Supt. & Ch. Engr. E. P. Fagan "
Purchases energy from Pacific Gas & Elec. Co.; 3 transf. Westg. Stanley tot. 300 kva.; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. 3 ph. 60 cys.
36 incs series Tung. 200 c. p. & 80 c. p. metered; all nt.
D L 3 ★16

**GROVELAND,** 150—Tuolumne Elec. Co.; cap. $200,000.
¶Pres. & Mgr. Ralph W. Hersey,
San Jose
V. Pres. J. E. Auzerais ... "
Sec. E. M. Goss.................. "
Treas. P. J. Dunne.............. "
*Supt. & Elecn. L. W. Allum..Groveland
Purchases energy from Pacific Gas. & Elec. Co.
L 15

**HALF MOON BAY** 863—Half Moon Bay Lt. & Pwr. Co.; cap. stock outstg. $74,400; no bds.
Pres. & Gen Supt.
Hamilton W. Gray.....Half Moon Bay
*V. Pres Manuel Gomes.......Livermore
Sec. Mgr. & Audr.
Wm. A. Gray...........Half Moon Bay
Treas. Jos. Fernandez, Jr. " "
¶Pur. Agt. J. W. Cardoza " "
Purchases energy from Great Western Pwr. Co: 85 transf. G. E. Wagner tot. 1500 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; trans. 11,000 v.

City cont. 500 Edison Mazdas 60 w. $18.20 per yr. (Also lts. Farallone City, Salada Beach, Rockaway, Tobin, Marine View, Princeton, Granada, Miramar, Montara and Moss Beach.)
D L 3 ✠ ★125

**HAYWARD,** 2,746—Pacific Gas & Elec. Co. See San Francisco.

**HEALDSBURG,** 2,011—Munic. Electric Lighting System.
Energy purchased from California Telephone & Light Co. (Cloverdale District) Santa Rosa.
L §16†

**HEMET,** 992—The Southern Sierras Power Co. See Denver, Colo.
Local Supt. P. L. Nourse..........Hemet
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
City cont. 9 Mazdas 60 c. p. $15 per yr.
D L 3 16

***HIGHGROVE,** 131—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**HIGHLAND,** 2,196—Mt. Konocti Lt. & Pwr. Co. See Lakeport.

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Southern Cal. Edison Co. See Los Angeles.

**HILLSBOROUGH,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**HOLLISTER,** 3,000—Coast Counties Gas & Elec. Co. See Santa Cruz.
¶ Mgr. E. J. Sherman.............Hollister
3 transf. Westg. tot. 1200 kw; a.c. day & nt. ltg. cir. 120 v. 60 cys.; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 26 arcs 6.6 amp; 39 Tung; moonlt. all nt.
D L 3 125

**HOLLYWOOD,** 1,200—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**HOLTVILLE,** 729—Holton Power Co. Office, Redlands; 2 wtr. pwr. plants in Holtville and 1 stm. plant and 1 gas producer at El Centro; cap. $1,250,000; bds. $800,000.
Pres. W. F. Holt..................Redlands
V. Pres. A. G. Hubbard.......... "
Sec. W. G. Driver................ "
Treas. M. C. Taylor.............. "
*¶Gen. Supt. C. E. Paris.......El Centro
Supt. Elec. Dept. W. H. Brown. "
Pwr. stas. equip. 5 a. c. Allis-C. tot. 2500 kw. 15,000-2400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys; 500 hp. e. St. Louis; 600 hp. b. Stir; 1500 hp. turb. wtr. Victor, Allis-C; 1000 hp. gas e. Allis-C; 1000 hp. gas producer; also 60-ton ice plant (Frick.)
All nt; oil $1.40. (Also furnishes light and power to Heber, Imperial, El Centro, Brawley & Calexico, Cal., and Mexicali, Mex.)
D G I L S W 3 ✠ 16

**HUNTINGTON PARK,** 1,299—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**IMPERIAL,** 1,257—Holton Power Co. See Holtville.

**INGLEWOOD,** 1,536—Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
Distributes to San Pedro, Redondo, Santa Monica and Ocean Park.
D L 1 3 26

**INYOKERN DISTRICT**—The Southern Sierras Pwr. Co. See Denver, Colo.
Local Supt. C. A. Montgomery..Inyokern
a.c. day & nt. mo. cir. 2200-440 v. 3 ph. 60 cys
L 3 16

**IONE,** 1,164—Amador Elec. Lt. & Pwr. Co. See Sutter Creek.

**IRVINGTON,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**JACKSON,** 2,035—Amador Elec. Lt. & Pwr. Co. See Sutter Creek.

***JUNCTION CITY,** 165—Western States Gas & Elec. Co. See Eureka.

**KELSEYVILLE,** 1,093—Mt. Konocti Lt. & Pwr. Co. See Lakeport.

**KENNETT,** 1,000—Northern California Pwr. Co. See San Francisco.

**KING CITY,** 1,000—Coast Valleys Gas & Elec. Co. See San Francisco.

**LA GRANGE,** 350—Yosemite Pwr. Co. (La Grange Div.) Office, Turlock; cap. $2,050,300; bds. $1,708,000.
Pres. John G. Barker, Hotel Plaza, San Francisco
V. Pres. L. R. Wiley............Groveland
*Sec. Thos. J. Broidrick.........Turlock
Treas. & Mgr. Patrick M. Longan. Visalia
Gen. Supt. F. G. Hamilton........ "
Supt. Ovhd. Distrbn. J. B. McClure "
2 a. c. West. tot. 900 kw. 11,000 v. 3 ph. 60 cys; 1 rect. G. E. 75 lt; trans. volt. 33,000 v; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 1600 hp. turb. (wtr.) Pelton.
City cont. 56 lumn. arcs 6.6 amp. $72 per yr; 47 incs. "C" 100 c. p. $24 per yr; all nt. (Also lts. Turloch, Hughson, Denair, Ceres, Hickman and Waterford; furnishes energy to mining operations.)
D N W 1 3 ★125

**LA JOLLA,** 1,200—San Diego Consolidated Gas & Elec. Co. See San Diego.

**LAKEPORT,** 870—Mt. Konocti Lt. & Pwr. Co.; cap. $75,000.
Pres. J. M. Hastings..............Biggs
*V. Pres. A. C. Hastings....... Lakeport
Sec. J. A. Foster..................Biggs
Treas. A. K. Baker................. "
Mgr. A. V. Joslin..............Lakeport
Energy purchased from Snow Mountain Wtr. & Pwr. Co; 3 transf West., G. E. tot. 350 kw; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph. 60 cys.
City cont. 20 Mazdas 100 w. $30 per yr; moonlt. and all nt. (Co. also lts. Upper Lake, Kelseyville, Highland, Witter, Finley and Hopland.)
D L 1 ✠ 25

**LA MESA,** 1,078—San Diego Consolidated Gas & Elec. Co. See San Diego.

**LEMOORE,** 1,000—San Joaquin Lt. & Pwr. Corpn. See Fresno.
a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys.
D R 3 35

**LINCOLN,** 1,402—Pacific Gas & Elec. Co. See San Francisco.

**LINDSAY,** 1,814—Mt. Whitney Pwr. & Elec. Co. See Visalia.

**LIVERMORE,** 2,030—Pacific Gas & Elec. Co. (In May, 1913, assumed possession of and began operating properties of Livermore Wtr. & Pwr. Co.) See San Francisco.
4 transf. tot. 800 kw; a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 ✠ 104

**LODI,** 2,697—Munic. Elec. Ltg. System; bds. $62,320.
Pres. Bd. F. O. Hale..................Lodi
*Supt. John A. Henning.............. "

Energy purchased from Western States Gas & Elec. Co., Stockton; trans. 60,000 v. 3 ph. 60 cys; 3 transf. W. E. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 104 Mazdas 100 w. $15.60 per yr; 112 3-lt. electroliers and 12 1-lt. electroliers.

D L 1 3 25

**LOMPOC,** 1,482—Midland Counties Public Service Corpn. (Successor to Lompoc Lt. & Pwr. Co.) See San Luis Obispo.

2 a. c. West. tot. 150 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Ham, Cor; 150 hp. b. Phoenix.

City cont. 56 incs. 60 w. $24 per yr; all nt; moonlt; oil $1.00.

L S 2 1241

**LONE PINE,** 289—The Southern Sierras Pwr. Co. See Denver, Colo.
Local Supt. W. M. Brooks.......Lone Pine

a. c. day & nt. mo. cir. 2200-440 v. 3 ph. 60 cys.

L 3 16

**LONG BEACH,** 17,809—Southern Cal. Edison Co. See Los Angeles.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.

D L 1 3 26

**LOS ANGELES,** 319,198—Los Angeles Aqueduct Pwr. (Munic.). Office, 645 So. Olive St. (Generating sta. No. 1, San Francisquito Canyon, 47 miles from Los Angeles.)

Bd. Comrs.
Pres. R. F. DelValle..LosAngeles
Boyle Workman.... "
John W. Kemp..... "
M. P. Snyder........ "
Byron Erkenbrecher "
Sec. James P. Vroman "

Consltg. Board
O. H. Ensign....... "
W. F. Durand...... "
Harris J. Ryan..... "

*Ch. Elec'l Engr. E. F. Scattergood "

Present installation: 3 a. c. Westg. tot. 22,500 kw. 6600 v. 3 ph. 50 cys; trans. 100,000 v. 3 ph. 50 cys; 42,000 hp. turb. (wtr.) Doble.

(Under construction; not yet in operation.)

T W 3 125

Los Angeles Gas & Elec. Corpn. (Inc. under the laws of Cal. June 22, 1909, succeeding to the business of Los Angeles Gas & Elec. Co. and The Pasadena Consol. Gas Co.; capital auth. $30,000,000, divided into 300,000 shares of the par value of $100 each, of which 40,000 shares are first preferred, 60,000 shares are second preferred and 200,000 shares are common stock; bds. auth. $15,000,000. (Controlled, through stock ownership, by the Pacific Ltg. Corpn.)
Pres. W. B. Cline.............Los Angeles
V. Pres. Wm. Baurhyte....... "
2d V. Pres. C. P. Honghton.. "
3d V. Pres. C. S. Vance...... "
Sec. & Treas. R. M. Adams. "
*Mgr. of Oper. A. B. Day... "
Mgr. of Const. C. A. Luckenbach "
¶ Pur. Agt. T. B. Parks .... "
Mgr. New Business
H. J. Kister................. "

4 d. c. Westg, Bull, Keystone tot. 1210 kw. 500 v; 11 a.c. Westg, G. E. Bull, T-H, Stan. tot. 22,342 kw. 2200-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir.; d. c. pwr. cir. 500 v; 34,202 hp. e. St. L, Allis-C, Ham, Cpr. G. E. (turb.), Westg. Parsons (turb.); 22,500 hp. (maximum cap.) b. Stir.

City cont. 4220 arcs 2000 c. p. $75.60 per yr; all nt; oil 65 cts. per bbl.

C D L S 1 3 25

Pacific Lt. & Pwr. Corpn., office, 624 Pacific Elec. Bldg. (Successor to Pacific Lt. & Pwr. Co.; controls Mentone Pwr. Co., Kern River Co. and San Joaquin & Eastern R. R. Co.). Co. operates 8 hydro-elec. plants (aggregate cap. 99,631 hp.) and 3 stm. plants (cap. 55,919 hp.); cap. $40,000,000.
Pres. H. E. Huntington.......Los Angeles
V. Prests.
G. C. Ward...... "
W. E. Dunn.... "
Sec. O. V. Showers........... "
Treas. & Compt. A. N. Kemp "
Gen. Mgr. E. R. Davis....... "
Cont. Agt. J. W. Burns...... "
¶ Pur. Agt. W. J. Gracey... "
Supt. Elec. Distribution
J. L. Hoke................. "
Supt. Gen. & Trans.
D. D. Morgan................. "
Elec. & Mech. Engr.
H. A. Barre................ "
Supt. Southern Div. L. L. Dyer "
Supt. North. Div.
E. Woodbury.............. "
Supt. Pwr. Stas.
R. B. Lowton.............. "

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v. s. 2 & 3 ph. 50 cys: d. c. ltg. cir. 110 v; d. c. mo. cir. 110-220-500 v.

STEAM ELEC. GEN. STAS.:

*REDONDO*—3 M. & S. double angle comp. engines direct connected to 3-5000 kw. 18,000 v. G. E. gen. 3 ph. 50 cys.; 2 high pressure Curtis turbines connected to 2-15,000 kva. 9000 v. G. E. gen. 3 ph. 50 cys; 18-604 hp. Bab. & W. boilers; 18-604 hp. Sterling boilers.

*THIRD STREET*—1-2400 hp. M. & S. cross comp. horiz. engine connected to 1 a. c. gen. Bull. 1500 kw. 2400 v. 2 ph. 50 cys.; 1-1150 hp. M & S. cross comp. horiz. engine connected to 1 a. c. gen. West. 750 kw. 2400 v. 2 ph. 50 cys.: 3-500 hp. Bab. & W. boilers; 3-330 hp. Sterling boilers; 2-250 hp. Sterling boilers.

*OIL WELLS*—1-250 hp. tandem comp. Ball engine belted to 1 a. c. G. E. gen. 150 kw. 2300 v 3 ph. 50 cys; 3-150 hp. ret. tub. boilers; 2-250 hp. Bckye. e. (gas) belted to 2-150 kw. a. c. West. gen. 2300 v.

HYDRO-ELEC. GEN. STAS.:

*BOREL*—5-2000 kw. 3 ph. 50 cys. 220 v. Bullock gen. direct connected to 4 Pelton Francis turbs. & 1 Doble impulse wheel.

*AZUSA*—5-300 kw. 2 ph. 50 cys. 500 v. West. gen. direct connected to 4 Doble & 1 Pelton impulse wheels.

*SIERRA*—2-300 kw. 2 ph. 50 cys. 500 v. West. gen. direct connected to 2 Pelton impulse wheels.

*MENTONE*—1-1500 kw. 2 ph. 50 cys. 2200 v. West. direct connected to 1 double runner Doble impulse wheel.

*PEDLEY*—2-300 kw. G. E. 3 ph. 50 cys. 11,500 v direct connected to 2 S. & B, S.-V. & Co. turbs.

*BIG CREEK PLANTS No.* 1 & 2—4 a. c. G. E. West. tot. 70,000 kva. 6600 v. 3 ph. 50 cys.; 80,000 hp. wtr. whl. Allis-C.; trans. volt. 150,000 v. 3 ph. 50 cys.

SUB-STATIONS:

*THIRD ST.*—2 West. rot. conv. tot. 625 kw. 500 v.; 3 West rot. conv. tot. 900 kw. 250 v.: 18 transf. West. tot. 6050 kw.

*TWELFTH ST.*—Chief Oper., J. B. Slaughter—2 mo.-gen. West tot. 1000 kw. 250 v; 3 transf. tot. 1500 kva.

*REDONDO*—Ch. Oper. J. Long.—8 transf. G. E. tot. 15,000 kva.

*KERN SUB.*—Ch. Oper. J. H. Briggs, Alhambra Rd. & Soto St.—7 transf. Stanley, West. tot. 2275 kw.; 6 G. E. 75-lamp 4 amp. magn. arcs.

*EAGLE ROCK (TERMINUS OF BIG CREEK LINE)*—Ch. Oper. H. H. Cox—12 transf. G. E. West. tot. 54,000 kva; 3 auto-transf. tot. 10,000 kva.

*ARTESIA*—Agt. F. F. Smith, 2d & Adams Sts.—3 transf. West. tot. 112½ kw. (Furnishes lt. & pwr.)

*COMPTON*—School & Wilmington Sts. 3 transf. West. tot. 225 kva. (Furnishes lt. & pwr. & st. lts.)

*COVINA*—Agt. S. F. Jones, E. College St.—3 transf. Wagner tot. 225 kva. (Furnishes lt. & pwr. & st. lts.)

*GLENDORA*—Carroll Ave. & Santa Fe Tracks.—3 transf. West. tot. 112½ kw. (Furnishes lt. & pwr. & st. lts.)

*HOLLYWOOD*—Agt. D. J. Smith, Sunset & Wilcox.—3 transf. West. tot. 2250 kva. (Furnishes lt. & pwr. & st. lts.)

*HUNTINGTON BEACH*—Agt. A. R. Lott, Railroad Ave. & Indianapolis.—3 transf. West. tot. 225 kva. (Furnishes lt. & pwr. & st. lts.)

*HUNTINGTON PARK*—Irvington & Alameda.—3 transf. West. tot. 450 kw.

*MONTEBELLO*—Cedar Ave., no. of Whittier Rd.—3 transf. West. tot. 45 kva. (Furnishes lt. & pwr.)

*NEWPORT BEACH*—Bay Ave. & 33d St.—3 transf. West. tot. 112½ kw. (Furnishes lt. & pwr. & st. lts.)

*RAMONA ACRES*—6th & Hellman. 3 transf. West. tot. 112½ kw. (Furnishes lt. & pwr.)

*LANCASTER*—6 transf. tot. 600 kva.

*SAN BERNARDINO*—"C" St. Mgr. C. M. Grow; Ch. Oper. C. D. Putman. 3 transf. tot. 1500 kva.; 4 G. E. 75-lamp 4 amp. magn. arcs. (Furnishes lt. & pwr. & st. lts.)

*PEDLEY*—6 transf. tot. 4500 kw.

*SAN FERNANDO*—Agt. J. H. Ferguson, Hubbard & 6th Sts.—3 transf. Allis-C. tot. 450 kw. and 3 transf. tot. 450 kva. (Furnishes lt. & pwr. & st. lts.)

*SO. PASADENA*—Agt. C. Murvin, 1615 Fremont St.—3 transf. West. tot. 1500 kva.

*SUNNYSLOPE*—2 transf. West. tot. 1000 kva. (Furnishes lt. & pwr.)

*SYCAMORE AVE.*—Optr. L. O'Hara—8 transf. Wagner tot. 750 kw. (Furnishes lt. & pwr.)

*ALVARADO*—Oper. R. Allum—3 transf. tot. 1500 kva.

*TROPICO*—Oxford & S. P. Tracks. 3 transf. Allis-C. tot. 450 kw. (Furnishes lt. & pwr. & st. lts.)

*UNIVERSITY SUB.*—Optr. A. G. Denver, 29th & Menlo.—3 transf. West. Stanley tot. 1175 kw.; 7 G. E. 75-lamp 4 amp. magn. arcs. (This station feeds series street lts. only.)

*VERNON*—Ch. Optr. E. B. Hayden, Fruitland Rd. & Pacific Ave.—9 transf. West. tot. 33,000 kva.

City cont. 4212 series arcs a. c. W. E. 2000 c. p. $6.30 per mo; 2232 mult. Tung. 100 w; 165 mult. Tung. 60 w; 133 mult. Tung. 40 w; 10 series incs. 250 c. p; 1071 series incs. 80 c. p; all nt; oil. (Co. also serves Burbank, Compton, Hollywood, So. Pasadena, Glendale, Duarte, Huntington Beach, Somis, Moorpark, Lancaster, San Fernando, Artesia, Annandale, Baldwin Park, Bell, Bairdstown, Balboa, Montebello, Newport Beach, Newton Park, Ramona Acres, Sierra Park, Sunnyslope, San Marino, Vernon, Watts, Westminster, Huntington Park, Alhambra, Azusa, Covina, Glendora, Arcadia, Eagle Rock, Tropico, San Bernardino, High Grove, San Gabriel and Riverside. Supplies Los Angeles Ry. Corpn. and Pacific Elec. Ry. Co.)

C D N S W 1 2 3 ★85

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Southern Cal. Edison Co. (Successor to The Edison Elec. Co. of Los Angeles.) (Absorbed United Elec., Gas & Pwr. Co. and controls Santa Barbara Gas & Elec. Co. and Long Beach Consolidated Gas Co.) (Runs in parallel 6 hydro-electric generating stations tot. installed cap. 42,500 hp. and 3 stm. gen. stas. installed cap. 77,300 hp.) (66,000, 33,000 & 10,000 v. transmission lines aggregate 350 miles and traverse Kern, Ventura, Santa Barbara, San Bernardino, Los Angeles and Orange Counties, supplying 60 cities and towns and intermediate territory including Los Angeles, Orange, Long Beach, Monrovia, Sierra Madre, Pasadena, Anaheim, Santa Monica, Redlands, Fullerton, San Pedro, Santa Ana, Santa Barbara, Redondo, Pomona, Ocean Park, Whittier, Riverside, Highland, Venice and Van Nuys); cap. outstdg. $10,400,000 (com.), $4,000,000 (pfd.); bds. outstdg. $16,873,000.

Pres. John B. Miller..........Los Angeles
V. Pres. & Gen. Mgr.
W. A. Brackenridge........ "
Sec. & Asst. Gen. Mgr.
R. H. Ballard................ "
Treas. W. L. Percey............ "
¶ Pur. Agt. John Otto........ "
Gen. Agt. S. M. Kennedy.... "
Audr. B. T. Story.............. "
Const. Engr. H. W. Dennis.. "
Supt. B. F. Pearson............ "
Asst. Supts. R. E. Cunningham. "
F. B. Lewis.......... "
G. H. Stockbridge.. "
R. J. C. Wood..... "

a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys; d. c. day & nt. mo. cir. 220-500 v.

*SANTA ANA RIVER NO.* 1 (*water*). 4 G. E. type ATB form A, 750 v., 578 amp., gen.

*SANTA ANA RIVER NO.* 2 (*water*). 2-600 kw. G. E., AT B 750 v. gen.

*MILL CREEK NO.* 1 (*water*). 3-250 kw. G. E., T.Y form A, 2500 v. gen.

*MILL CREEK NO.* 2. *AND* 3. (*water*) 4-750 kw. G. E., ATB 750 v. gen. 1-250 kw. G. E.. ATB 750 v. gen.

*LYTLE CREEK* (*water*). 2-12.6 amp. 11,500 v. G. E., AT B gen.

*KERN RIVER NO.* 1 (*water*). 4-5000 kw. G. E. 2200 v.

*LOS ANGELES NO.* 3 (*steam*). 7-750 hp. Stir. b; 8-500 hp. Stir. b; 2-2000 kw. G. E. turb. 2200 v.; 1-6000 kw. Westg. turb. 15,000 v.

*SANTA BARBARA* (*steam*). 4-100 hp. b. Bab. & W. & 3-300 hp. b. Stir.; 1 McI. & S. vertical comp. engine. 750 hp.; 2 G. E. ATB gen. 500 kw. 2200 v.; 1 Phoenix high speed 300 hp. belted to 500 v. d. c. gen.; 1-500 hp. Ham. Cor. comp. e. belted to 300 kw. G. E. ATB gen; 1 turbo-gen. Westg. 300 kw. 2300 v; 1 turbo-gen. G. E. 1000 kw. 2300 v.

*LOS ANGELES NO.* 3 *TRANS. LINE SUBS.* 6 transf. G. E. tot. 4200 kw. 60,000-30,000, 2300-2000 v; 18 transf. G. E. tot. 27,000 kw.

60,000-15,000 and other sec. voltages transmitting to sub-stas. known as L. A. No. 1. 2775 kw; L. A. No. 2, 6555 kw; L. A. No. 4, 3,600 kw; L. A. No. 5, 2400 kw; L. A. No. 6, 3600 kw; L. A. No. 7, 1200 kw; L. A. No. 8, 2400 kw. From this sub-sta. load is distr. to P. E. Ry. at 15,000 v. and local 2200 v. load distributed.

*LONG BEACH STEAM PLANT.*
47,000 kw. turb. (stm.) G. E. Curtis; 19,240 hp. b. Sterling.

*REDLANDS.*
3 transf. tot. 1200 kw. 33,000-2200 v; 3 tranf. tot. 840 kw. 33,000-11,000.

*COLTON.*
6 transf. tot. 3600 kw. 33,000--11.000 v. 3 ph; 6 transf. tot. 9000 kw. 66,000-33,000-11,000 v.

COLTON CEMENT WKS.; 6 transf. tot. 9,000 kw. 66,000-440 v.

*POMONA.*
3 transf. tot. 600 kw. 11,000-2200 v.

*PASADENA.*
9 transf. tot. 3600 kw. 15,000-2200 v; 3 transf. tot. 1200 kw. 15,000-11,000 v.

*PUENTE.*
3 transf. tot. 4500 kva. 66,000-33,000-11-000 v; 6 transf. tot. 2100 kw. 30,000-10,000 v.

*FULLERTON.*
6 transf. tot. 2400 kw. 33,000-11,000-2200 v; 3 transf. tot. 750 kw. 10,000-2200 v.

*KATELLA.*
6 transf. tot. 9000 kw. 66,000-33,000-11,000 v.

*SANTA ANA.*
6 transf. tot. 1500 kw. 11,000-2200 v.

*LONG BEACH.*
9 transf. tot. 2250 kw. 11,000-2200 v.

*SAWTELLE.*
3 transf. tot. 1200 kw. 33,000-2200 v; 3 transf. tot. 750 kw. 2200-11,000 v.

*ORANGE.*
3 transf. tot. 300 kw. 11,000-2200 v; 6 transf. tot. 9000 kw. 30,000-15,000 v.

*MONROVIA.*
3 transf. tot. 300 kw. 11,000-2200 v.

*WHITTIER.*
3 transf. tot. 450 kw. 11,000-2200 v.

*SAN PEDRO.*
3 transf. tot. 750 kw. 11,000-2200 v.

*REDONDO.*
6 transf. tot. 600 kw. 11,000-2200 v.

*OCEAN PARK.*
6 transf. tot. 3600 kw. 33,000-2200 v.

*INGLEWOOD.*
3 transf. tot. 750 kw. 33,000-2200 v; 6 transf. tot. 2700 kw. 33,000-11,000 v; 6 transf. tot. 9000 kw. 33,000-15,000 v.

*CASTAIC.*
3 transf. tot. 2100 kw. 66,000-33,000 v.

*SAN FERNANDO.*
3 transf. tot. 1200 kw. 66,000-2400 v; 3 transf. tot. 1050 kw. 66,000-15,000 v; 3 transf. tot. 750 kw. 15,000-2200 v.

*McNEIL.*
3 transf. tot. 1200 kw. 66,000-2200 v; 3 transf. tot. 4500 kw. 66,000-15,000 v; 3 transf. tot. 4500 kw. 66,000-33,000 v.

*TORRANCE.*
6 transf. tot. 1650 kw. 33,000-11,000. v.

*CHINO.*
9 transf. tot. 7500 kw. 66,000-11,000 v.

*CRESTMORE.*
CRESTMORE CEMENT WKS; 6 transf. tot. 9,000 kw. 33,000-440 v.

*NEWMARK.*
3 transf. tot. 4500 kw. 66,000-15,000 v.

*SIERRA MADRE.*
3 transf. tot. 300 kw. 11,000-2200 v.
C D N S W 1 3 26

**LOS GATOS,** 2,232 — Pacific Gas & Elec. Co. See San Francisco.
3 transf. G.E. tot. 300 kw; a.c. day & nt. ltg. & mo. cir. 220-110 v. 3 ph. 60 cys.
City cont.
D L 3 104

**MADERA,** 2,404—San Joaquin Lt. & Pwr. Corpn. See Fresno.
Sub sta; transf. cap. 1358 kva. 2300 v. 3 ph. 60 cys.
City cont. 64 arcs $5 per yr; 27 incs. $2.50 per yr.
D R 3 35

**MARE ISLAND,** 500—(Vallejo P. O.)—U. S. Navy Yard, Central Pwr. Plant. Mare Island.
*Engr. Officer, Comdr. F. D. Karns, U.S.N. Navy Yard, Mare Island
Engr. Pwr. Sta. H. J. Berringer Navy Yard, Mare Island
3 a. c. G. E. Westg. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 4 d. c. Thresher, G, E. tot. 935 kw. 200 v; a. c. day & nt. ltg. cir. 110 v.; a.c. day & nt. mo. cir. 220 v; d. c. day & nt. mo. cir. 220 v; 2400 hp. e. Prov, Laidlaw-Dunn Gordon Co., Watertn, Shepard Eng'g Co.; 2000 kw. stm. turb. G.E, West: 3600 hp. b. Edgemoor.
Street lighting 46 arcs West. G. E. 1000 w; 250 Mazdas 50-100-250-750 w.: oil 75 cts. per bbl. of 42 gals. (Power and light for U. S. naval purposes only.)
C D L S 3 25

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Pacific Gas & Elec. Co. See San Francisco.

**MARTINEZ,** 5,000 — Pacific Gas & Elec. Co., Contra Costa District. See San Francisco.

**MARICOPA,** 3,000—San Joaquin Lt. & Pwr. Corpn. See Fresno.
Day & nt. service 2300 v. 3 ph. 60 cys.
City cont. 16 incs. $2 50 per year.
D R 3 35

**MARYSVILLE,** 7,000—Pacific Gas & Elec. Co. See San Francisco.

**MAYFIELD,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**MENDOCINO,** 1,009—The Mendocino Elec. Lt. & Pwr. Co; cap. $25,000.
Pres. A. G. Stone..............Mendocino
V. Pres. J. S. Ross............ "
*¶ Sec. & Mgr. A. Brown..... "
Treas. Bank of Commerce.... "
Ch. Elecn. H. G. Brown...... "
Energy purchased from Ft. Bragg Elec. Co. 6600-110 v. 3 ph. 60 cys; no day cir.
City cont. 6 Flaming arcs 10 amp. $48 per yr; 70 incs. Tung. 60 w. $12 per yr; all nt. (Co. also lts. Caspar, Little River and Albion.)
L 3 ✠ 125

**MENLO PARK,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

***MENTONE**—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**MERCED,** 3,102—San Joaquin Lt. & Pwr. Corpn. See Fresno for executive officers.
Sub sta; transf. cap. 1058 kva; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.
City cont. 19 arcs $5.50 per yr; 125 incs. $2.50 per yr; all nt.
D R 3 ✠ 35

**MILL VALLEY,** 2,500—Pacific Gas & Elec. Co. See San Francisco.

**MODESTO,** 4,034—Sierra & San Francisco Pwr. Co. See San Francisco.

**MONROVIA,** 3,576 — Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
City cont. 355 incs. series Tung. 16 c. p. 90 cts. and $1 per month; all nt.
D L 13 26

**MONTECITO,** 1,408 — Santa Barbara Gas & Elec. Co. See Santa Barbara.

**MONTEREY,** 4,923—Coast Valleys Gas & Elec. Co. See San Francisco.

**MOUNTAIN VIEW,** 2,500—Pacific Gas & Elec. Co. See San Francisco.

**MT. BULLION**—Mariposa Commercial & Mining Co. Office, Mt. Bullion; pwr. plant in Bagby.
Pres. E.H. Benjamin } Alaska Com'l Bldg.
V.Pres.R.E. Browne } San Francisco
Sec. H. G. Stevenson,
Merchants Ex., "
*¶ Mgr. F. T. Maguire........Mt. Bullion
Engr. Pwr. Sta. G. W. Bruton......Bagby
1 a. c. Westg. 400 kw. 15,000-500-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 4400 v. 3 ph. 60 cys; 750 hp. turb. (wtr.) McCormick.
(Co. operates mines and lts. Mt. Bullion, Bagby and Mariposa.)
D L W 3 ✢ 16

**NAPA,** 7,000—Pacific Gas & Elec. Co. See San Francisco.

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Great Western Power Co. For executive officers, see San Francisco.
Dist. Sales Mgr. Frank P. Edwards..Napa
6 transf. West. tot 3000 kw. 22,000-2200 v; 3 rect G. E. tot. 270 lt; a. c. ltg. cir. 120 v.
City cont. 83 arcs 4 amp. 6 cts. per amp; 112 tung. 1½ cts. per amp.; all nt.
N X 16

**NATIONAL CITY,** 1,733—San Diego Consolidated Gas & Elec. Co. See San Diego.

**NEEDLES,** 1,200—Needles Gas & Elec. Co.
Pres. E. H. Rose
705 Security Bldg., Los Angeles
Sec. & Treas. R. S. Masson
705 Security Bldg. "
Mgr. J. E. Cornell.. ..............Needles
Audr. M. Wadsworth,
705 Security Bldg., Los Angeles
¶ Pur. Agt. G. E. Tench,
705 Security Bldg. "
*Gen. Supt. J. M. Wadsworth....Needles
Engr. Pwr. Sta. Leo D. Miller.... "
4 a. c. G. E, Westg, C-W. tot. 255 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir.220 v.; 325 hp. e. (gas) F. M. & Co.
City cont. 90 Tung. 40-100 w; all nt; distillate.
D G L 3 ✢ 25

**NEVADA CITY,** 2,689—Pacific Gas & Elec. Co. See San Francisco.

**NEWCASTLE,** 880 — *Pacific Gas & Elec. Co. See San Francisco.

**NEWMAN,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**OAKDALE,** 1,025—Sierra & San Francisco Pwr. Co. See San Francisco.

**OAKLAND,** 150,174 — *Pacific Gas & Elec. Co. See San Francisco.
Dist. Mgr. F. A. Leach, Jr......Oakland
City cont.; oil.
L S 104

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Great Western Pwr. Co. See San Francisco.
Dist. Sales Mgr.
F. H. Woodward..............Oakland
3 turbo-gen. G. E. tot. 10,500 kw. 11,000 v. 3 ph. 60 cys.
N S 3 ★16

**OCCIDENTAL,** 1,000—Calif. Telep. & Lt. Co. See Santa Rosa.

**OCEANPARK,** 3,119—Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**OCEANSIDE,** 1,100—Oceanside Elec. & Gas Co.; cap. $25,000; no bds. issued.
Pres. W. S. Hargreaves........Oceanside
V. Pres. R. D. Lacoe........... "
*¶ Sec. & Mgr. Eugene V. Griffes "
Treas. —— —— ............... "
2 a. c. Westg. 120 kw. 2200-228-110 v. 2 ph. 60 cys; trans. volt. 6600 v. 3 ph. 60 cys; 200 hp. e. Atlas, St. L, Cor; 211 hp. b. Atlas, Penn.
City cont. 5 arcs 2000 c. p. $10 per yr; oil 97 cts. per bbl. (6600 v. 3 ph. trans. line for power to San Luis Rey Valley.)
L S 2 3 ✢ ★16

**ONTARIO,** 4,274—Ontario Power Co. (Wtr. pwr. plant at San Antonio's Canyon; stm. plant in Upland); cap. $500,000; bds. outstg. $380,000.
Pres. L. S. Dyer....................Ontario
V. Pres. A. Prodrasnik............Upland
Sec. & Treas. J. O. Mills...........Ontario
*¶ Gen. Mgr. & Cont. Agt.
Glenn D. Smith..................... "
Supt. T. E. Smith................ "
Engr. Pwr. Sta. D. P. Wallihan..Upland
4 a. c. G. E. tot. 1100 kw. 11,000-2200 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220-440-2200 v. 3 ph. 50 cys; 600 hp. e. Mur. Chuse; 1500 hp. wtr. wh. Doble; 600 hp. b. Bonus, Frmn. Interchange of energy with Southern California Edison Co; trans. 11,000 v; 8 transf. G. E. tot. 800 kw.
City cont. 92 arcs Ft. W. 6.6 amp; 220 Mazdas 62-250 w; all nt; oil 85 cts. (Also lts. Upland and Cucamonga.)
D L S W 3 125

**ORANGE,** 2,920 — Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**OROVILLE,** 3,859—Oro Elec. Corpn. General office, 418 Sharon Bldg., San Francisco; hydro-elec. plant at Oroville and steam plant at Stockton; cap. $3,250,000; bds. $495,000.
Pres. Luther J. Holton.....San Francisco
*V. Pres. & Gen. Mgr.
R. Leo Van der Naillen.... "
Sec. W. G. Jack ............ "
Audr. F. V. Pering......... "
¶ Pur. Agt. J. H. Williams "
Gen. Supt. A. A. Davis ...........Oroville
3 a. c. G. E. tot. 3000 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 6000 hp. turb. (wtr.) Pelton; purchases energy from Pacific Gas & Elec. Co.
City cont. 11 arcs $84 per yr; 124 carbon 32 c. p. $13.20 per yr; all nt.
D L W 3 125

**OXNARD,** 2,555—Ventura County Pwr. Co.; cap. outstg. $1,191,700; bds. $924,000.

Pres. G. C. Ward
624 Pacific Elec. Bldg., Los Angeles
V. Prests. { *Mgr. F. W. Hunter. . Oxnard
J. A. Driffill. . . . . . . . . . "
Sec. O. V. Showers
624 Pacific Elec. Bldg., Los Angeles
Treas. A. N. Kemp " "
Audr. C. P. Staal " "
¶ Pur. Agt. W. J. Gracey " "

3 a. c. G. E. Allis-C tot. 875 kw. 2200 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir.; 500 hp. e. Allis-C; 700 hp. b. Bab. & W; 33,000 v. 3 ph. trans. line from Edison's 66,000 v. Kern River line; 3 transf. tot. 2250 kw.

City cont. 110 Tung. 40 & 60 w. $135 per mo; moonlt. 12.30 P. M; oil 70 cts. per bbl. (Co. also lts. Hueneme, Ventura, Saticoy, Santa Paula, Fillmore and Camarillo.)

D L S 3 ✠ 25

**PACIFIC GROVE,** 2,384—Coast Valleys Gas & Elec. Co. See San Francisco.

**PALO ALTO**, 6,300—Munic. Lt., Pwr. & Wtr. Wks. Plant. Bds. $81,760.
Mayor, R. E. Swain. . . . . . . . . . . . . Palo Alto
Treas. G. R. Parkinson. . . . . . . . . "
Andr. C. H. Jordan. . . . . . . . . . . . . "
*City Engr. J. F. Byxbee, Jr. . . . "
City Elecn. A. V. Youens. . . . . . . "

5 a. c. Stan. Ft. W. Westg, Elec. Mch. tot. 735 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-2300 v. s. 2 & 3 ph. 60 cys; 800 hp. e. Westg, Nordberg, Chuse; 760 hp. b. Bab. & W, Kahall, Bonus-Frmn; 300 hp. e. Koerting Diesel.

885 series Tung. 5 to 250 w. 4 cts. per kw. hr; moonlt; oil 80 cts. per bbl. (Also lts. North and South Palo Alto.)

D G L S 1 2 3 ✠ 125

Pacific Gas & Elec. Co. See San Francisco.

**PASADENA,** 30,291 — Southern California Edison Co. See Los Angeles.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.

D L 1 3 26

Municipal Elec. Lt. Plant; cost $600,000; bds $290,000.
*¶ Gen. Mgr. & Ch. Engr C. W. Koiner
72 N. Fair Oaks Av., Pasadena
Engr. Pwr. Sta. W. F. Roberts. "

5 a. c. C. W. Westg. Allis-C tot. 6000 kw. 2200 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; s. & 3 ph. 50 cys; 2 stm. turb. Westg. Allis-C; 3 stm. engines Ham; 1500 hp. b. Bab. & W, Stir.

600-c.p. incs "C" $60 per yr., 400-c. p. incs. $48 per yr. and 80-c. p. incs. $12 per yr. 3½ cts. per kw. hr; moonlt; oil 65 and 70 cts. per bbl.

D L S 1 3 ★16

**PASO ROBLES,** 1,441—Midland Counties Public Service Corpn. See San Luis Obispo.
Dist. Agt. K. B. Glass. . . . . . . . Paso Robles

Energy from San Joaquin Lt. & Pwr. Corpn.; a. c. day & nt. ltg. cir. 110 v 60 cys.

City cont. 36 incs. Tung. 100 w; all dark hours.

D L 3 ✠ 113

**PERRIS,** 660—The Southern Sierras Pwr. Co. See Denver, Colo.
Local Supt. C. F. Backstrand. . . . . . Perris

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys.

City cont. 26 Mazdas 120 & 60 w. $30 & $15 per yr; all nt.

D L 3 ★16

**PETALUMA,** 5,880—Pacific Gas & Elec. Co. See San Francisco.

Great Western Pwr. Co. See San Francisco.

**PIEDMONT,** 1,720—Pacific Gas & Elec. Co. See San Francisco.

**PINOLE,** 1,500—Pinole Elec. Lt. & Pwr. Co.
*Mgr. E. M. Downer. . . . . . . . . . . . . . Pinole

Buys energy from Pacific Gas & Elec. Co. 60,000-2200-110 v.

L X 125

**PITTSBURG,** 2,372—Pacific Gas & Elec. Co. See San Francisco.

***PLACERVILLE,** 2,000 — Western States Gas & Elec. Co. See Stockton.

**PLEASANTON,** 1,300– Pacific Gas & Elec. Co. See San Francisco.

**POINT ARENA,** 497—Point Arena Elec. Lt. Co.
*¶ Mgr. & Cont. Agt. A. Brown, Mendocino
Ch. Engr. W. A. Kirkland. . . Point Arena

1 a. c. Westg. 45 kw. 2200 v. s. ph. 60 cys; 50 hp. e. (gas) Samson.

City cont. 17 incs. Tung. 40 w. $18 per yr; 1 A. M; distillate 7½ cts.

G L 1 ✠ 25

**POMONA**, 10,207—Southern California Edison Co. See Los Angeles.
Dist. Agt. Arthur A. Taylor. . . . . . Pomona

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.

D L 1 3 26

**PORT COSTA,** 1,000 — Pacific Gas & Elec. Co. See San Francisco.

**PORTERSVILLE,** 2,696—Mount Whitney Pwr. & Elec. Co. See Visalia.

**POTTER VALLEY,** 576—Munic. Elec. Ltg. System.

Buys energy from Snow Mt. Wtr. & Pwr. Co.

L —— 23

California Telep. & Lt. Co. See Sonoma.

**QUINCY,** 250—Quincy Elec. Lt. & Pwr. Co.
Sec. & Treas. A. L. Gansner. . . . . . Quincy
*Mgr. H. C. Flournoy. . . . . . . . . . . . "
Eng. Pwr. Sta. H. C. Starr. . . . . . . . "

1 a. c. G. E. 100 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 175 hp. turb. (wtr.) Pelton.

L W 3 ★125

**RANDSBURG,** 1,209 — The Southern Sierras Power Co. See Denver, Colo.
Local Supt. J. G. Nusbaum. . . . Randsburg

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys.

City cont. 35 series Mazdas 80 c. p. $36 per yr; all nt.

D L 3 16

**RED BLUFF,** 3,530—Northern California Pwr. Co. See San Francisco.

**REDDING,** 3,572—Northern California Pwr. Co. See San Francisco.

**REDLANDS,** 10,449 — Southern Cal. Edison Co. See Los Angeles.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 440 v. s. & 3 ph. 50 cys.

D L 1 3 26

Coachella Valley Ice & Elec. Co. Office, Redlands; cap. $300,000; bds. issued $300,000.

Pres. W. F. Holt..................Redlands
*Sec. & Audr. W. G. Driver..... "
Treas. M. C. Taylor............ "
Gen. Supt. C. E. Paris.........El Centro

Transmits energy purchased from The Southern Sierras Power Co. throughout Imperial and Coachella Valleys.

Trans. volt. 55,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys. (Owns ice plant.)

D I N 3 ✢ 16

**REDONDO BEACH,** 2,935 — Southern Cal. Edison Co. See Los Angeles.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.

D L 1 3 26

**REDWOOD CITY,** 2,442—Pacific Gas & Elec. Co. See San Francisco.

**REEDLEY,** 1,600—San Joaquin Lt. & Pwr. Corpn. See Fresno.

Day & nt. service 2300 v. 3 ph. 60 cys.

City cont. 8 arcs $7 per yr; 24 incs. $2.50 per yr.

D R 3 35

**RICHMOND,** 15,000 — Western States Gas & Elec. Co. (Richmond Div.) Office, 617 Macdonald Ave. For executive officers see Stockton.

Mgr. C. M. Brewer.............Richmond
Supt. D. B. Kinney............ "

Energy purchased from Pacific Gas & Elec. Co.; trans. volt. 11,000 v; 6 transf. G. E. Allis-C. tot. 900 kw; 4 rectifiers, G. E. tot. 200 lt; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys.

City cont. 175 arcs series lumn. 4 amp. $72 per yr; 8 Mazdas series 4 amp. $15 per yr; all nt.

D L 8 25

**RIVERA,** 150 — Downey Lt., Pwr. & Wtr. Co. See Downey.

City cont. 21 incs. Tung. 40 w. $19.20 per yr.

L 14

**RIVERSIDE,** 15,212—Munic. Elec. Lt. Plant; bds. $46,000; value $355,195.76.

Mayor, Oscar Ford..............Riverside
City Treas. P. A. Gunsolus..... "
Audr. G. W. Prior.............. "
¶ Cont Agt. C. D. Bogue........ "
*Supt. Elmer Cutting........... "
Engr. Pwr. Sta. J. H. Porter.... "

2 a. c. G. E. tot. 90 kva. 2000 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir. 120 v. 50 & 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 3 ph. 50 & 60 cys; 600 hp. e. Nord; 450 hp. b. Stir; also purchases energy from Southern California Edison Co. 50 cys., and Southern Sierras Pwr. Co. 60 cys. 11,000 & 33,000 v.

3673 city incs. 1.5 cts. per kwh. moonlt. oil 65 cts. per bbl.

D L S 3 ✢ ★16

**ROCKLIN,** 1,050—Pacific Gas & Elec. Co. See San Francisco.

**ROSEVILLE,** 2,608 — Pacific Gas & Elec. Co. See San Francisco.

**SACRAMENTO,** 60,000—*Pacific Gas & Elec. Co. See San Francisco.

a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 3 ph.

City contract.

D L S 3 104

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Great Western Power Co. For executive officers see San Francisco.

Dist. Sales Mgr. B. E. Hannon, Sacramento

Trans. volt. 100,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v; a.c. day & nt. mo. cir. 125-240-440 v. 3 ph. 60 cys; d. c. mo. cir. 500 v.

City contract.

C D N 3 16

**ST. HELENA,** 1,603 — Napa Valley Elec. Co.; cap. $50,000; no bds.

Pres. D. L. Beard....................Napa
V. Pres. F. M. Wyatt............Winters
Sec. H. J. Lewelling..........St. Helena
Treas. H. Brown......................Napa
*¶ Mgr. & Supt. F.W. Mielenz.St. Helena
Engr. Pwr. Sta. H. A. Morley.. "

Buys power from Snow Mt. Wtr. & Pwr. Co. 6600-220 v; 3 transf. G. E. tot. 450 kw. a. c. day cir. 112 v; 30 hp. e. (gas) B. & W.

City cont. 13 a. c. series arcs G. E. 6.6 amps. 6½ cts. per kw; 70 series Tung. 6½ cts. per kw. (Co. lts. St. Helena, Rutherford, Oakville and Yountville.)

D G L X ✢ 113w

**SALINAS,** 3,736—Coast Valleys Gas & Elec. Co. See San Francisco.

**SAN ANSELMO,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**SAN BERNARDINO,** 12,779—Arrowhead Reservoir & Pwr. Co. Office, San Bernardino. Cap. outstg. $6,000,000 (com.), $500,000 (prfd.).

Pres. Jas. N. Gamble......Cincinnati, O.
*V. Pres. & Gen. Mgr.
Victor C. Smith........San Bernardino
Sec. & Treas. C. A. Gordon..Cincinnati, O.
Consltg. Engr. F. C. Finkle,
448 I.W. Hellman Bldg.....Los Angeles
Engr. Pwr. Stas.
Clarke Smith............San Bernardino

Hydro-electric plant of 15,000 kw. in course of construction. Energy for construction purposes purchased from Southern Calif. Edison Co.; 500 hp. G. E. motors; a. c. day & nt. ltg. 110 v. 50 cys; a. c. day & nt. mo. 2000 v. 3 ph. 50 cys.

D T W 3 ★125

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The Southern Sierras Pwr. Co. See Denver, Colo.

Special Agt.
W. W. Brison..........San Bernardino
Local Supt. A. J. Forbess. "
Engr. Pwr. Sta. H. A. Hickman "

Steam plant (for equip. see Denver); a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440 v. 3 ph. 60 cys.

City cont. hrs. 3 cts. per kwh. (Ultimate installation will consist of 1000 25-w. lamps.)

D N S 3 16

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Pacific Lt. & Pwr. Corpn. See Los Angeles.

**SAN BRUNO,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**SAN DIEGO,** 79,500—San Diego Consolidated Gas & Elec. Co. (Controlled by the Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. stk. outstg. $2,715,000; bds. outstg. $4,266,000 and $106,000, debenture 6s.

Pres. & Mgr. H. H. Jones.......San Diego
V. Prests. { Arthur S. Huey..Chicago, Ill.
Elmer Dover..Tacoma, Wash.
F. C. Gordon....Chicago, Ill.
A. H. Sweet.......San Diego }
Sec. & Treas. M. B. Fowler... "
Asst. Secs. { R. J. Graf..........Chicago, Ill.
Herbert List........ " }
Cont Agt. A. E. Holloway.....Coronado
¶ Pur. Agt. C. C. May..........San Diego
Gen. Supt. R. L. Clarke....... "
Supt. Elec. Dept. L. M. Klauber "
Supt. Gas Dept. D. J. Young.. "
Engr. Pwr. Sta. C. W. Wiggins "

7 a. c. G. E. Westg. tot. 12,270 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 200 kw. 550 v; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 2200-440-220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 500 v; trans. volt. 11,000 v. 3 ph. 60 cys; 2600 hp. e. Atlas, Ham, McI. & S, Allis-C; 6694 hp. b. Bab. & W; 10,500 kw. stm. turb. G. E.

City cont. 630 series G. E. arcs 6.6 amp. in city and 133 series G. E. arcs 6.6 amp. in other cities, $60 per yr; 480 ornamental posts, $60 per yr; 21 Mazdas 40 c. p. $24 per yr; 25 Mazdas 40 c. p. $21 per yr; 28 Mazdas 100 c. p. $28.80 per yr; 108 Mazdas 60 c. p. $21 per yr; 12 Mazdas 100 c. p. $23.40 per yr; 21 Mazdas 100 c. p. $24 per yr; 51 Mazdas 100 c. p. $24 per yr; moonlt; oil, 80 cts. (Co. also lts. East San Diego, Otay, Nestor, Encanto, Bostonia, Foster, National City, Chula Vista, La Mesa, Lemon Grove, El Cajon, Lakeside, La Jolla, Pacific Beach, Old Town, Point Loma, Grantville, Grossmont, Imperial Beach, Jamacha, Normal Heights, Palm City, Santee, San Ysidro, Sierra Vista, Spring Valley, Sunnyside, Ocean Beach and Lakeview.)

C D L S 3 25

**SAN FRANCISCO,** 416,912—California-Oregon Pwr. Co. Offices, 131 Leidesdorff St., San Francisco, and Medford, Ore. (Six hydro-electric plants: 2 on Rogue River, at Prospect and Gold Ray, 2 on Link River, at Klamath Falls, Oregon, 1 on Fall Creek and 1 on Shasta River, Cal. Plant under construction at Copco on Klamath River, which will have cap. of 40,000 kw.); cap. $10,000,000; bds. $4,310,000.

Pres. J. W. Churchill..............Yreka
V. Pres. John D. McKee...San Francisco
Sec. & Gen. Mgr.
Alex. J. Rosborough.... "
Treas. J. P. Churchill .............Yreka
*¶ Gen. Supt. H. L. Walther . Medford, Ore.
Supt. Generation, T. G. Bradley
Fall Creek via Hornbrook

ROGUE RIVER DIV.
Supt. H. C. Stoddard.....Medford, Ore.
(Glendale, Wolf Creek, Merlin, Grants Pass, Rogue River (Woodville), Gold Hill, Tolo, Central Point, Eagle Point, Medford, Jacksonville, Phoenix, Talent and Ashland.) (Sells in bulk to municipality.)

KLAMATH DIV.
Supt. G. J. Walton...Klamath Falls, Ore.
(Klamath Falls, Merrill and Bonanza.)

SISKIYOU DIV.
Supt. O. G. Steele....................Yreka
(Hornbrook, Henley, Montague, Dorris, Hawkinsville, Yreka, Fort Jones, Greenview, Etna Mills, Gazelle, Edgewood, Weed, Sisson, Shasta Springs, Dunsmuir and Castella.)

Pwr. stas. equip: 11 a. c. G. E. Westg. tot. 11,920 kw. 2300 v. 3 ph. 60 cys; trans. volt. 34,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 12,500 hp. turb. Pelton, Allis-C.

(Serves 33 cities and towns in Southern Oregon and Northern California: primary lines, 410 miles.)

D N W 3 ✠ 16

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Coast Valleys Gas & Elec. Co. Office, 58 Sutter St. (Standby plant at Monterey.) (Owns and operates Monterey & Pacific Grove Ry. Co.) (Controlled by the California Ry. & Pwr. Co.); cap. issued $5,000,000; bds. $900,000.

Pres. ———— ......San Francisco
V. Prests. & Gen. Mgr. H. F. Jackson "
P. M. Hoskins 25 Broad St., New York, N.Y.
*Sec. & Treas. F. J. Blanchard
San Francisco
¶ Pur. Agt. L. C. Helfrich.. "
Supt. Opern. M. C. McKay. "

Buys energy from Sierra & San Francisco Pwr. Co. at Salinas; 3 transf. G. E. tot. 3000 kw; 5 a. c. G. E. Nat'l tot. 1375 kw. 2200 v. 3 ph. 60 cys; G. E. & Nat'l mo.-gen. tot. 450 kw; a.c.day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys; d. c. mo. cir. 550-600 v. (for Ry. service); 500 hp. e. Ham. & Nat'l. Cor; 1500 hp. b. Stir. Bab. & W. Kew; 1000 kw. turb. (stm.) G. E.

City contracts; 88 arcs form 3, 6.6 amp. $54 per yr; 216 series incs. 100 c. p. $21.60 per yr; all nt; oil. (Operates a 33,000 v. line from Salinas to King City and a 22,000 volt line from Salinas to Monterey.) (Lts. Pacific Grove, Monterey, Carmel, Salinas, King City, Chualar, Soledad, Spreckels, Gonzales, Hilltown and Los Coches.)

C D N S 3 ✠ ★125

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Northern California Pwr. Co. Office, 995 Market St. (Consol. of the Northern California Pwr Co, and its controlled companies: Keswick Elec. Pwr. Co., Redding Elec. Lt. & Pwr. Co., Redding Wtr. Co., Redding Gas Co., Red Bluff Gas Co., Tehama Elec. Co., Bellevue Irrigation Co., Battle Creek Pwr. Co. and Willows Wtr. & Lt. Co.) (In 1912, purchased the properties and business of The Sacramento Valley Pwr. Co.) (Operates 7 hydro-elec. plants, combined output 50,000 hp. Location of plants: Volta, Coleman, South Cow Creek, Snow Creek and Kilare in Shasta County and South Power House and Inskip in Tehama County); cap. auth. & outstg. $10,000,000; bds. $7,098,200.

Pres. H. H. Noble..........San Francisco
1st V. Pres. A. S. Carman... "
2d V. Pres. F. Reis, Jr...... "
¶ Sec. Edward Whaley...... "
Asst. Sec. W. H. Pearce..... "
Treas. Bank of California.. "
*Mgr. E. V. D. Johnson .... "
Dist. Mgr. W. G. Moores... ....Redding
Supt. Opern G. R. Milford.........Volta
Engrs. Pwr. Stas. H. A. Tedford.......Monton
R. E. Frickey........Redding

10 a.c. Westg. tot. 27,650 kw. 6600-2200-500 v. 3 ph. 60 cys; a. c. day & pwr. cir. 2200-440-220-110 v; 39,000 hp. turb. Pelton, Doble.

City cont. 42 arcs 2000 c. p. $108 per yr; all nt. (Has 46 sub-stas. and lights all important towns in Shasta, Tehama and Glenn Counties, also extension into Colusa and Butte Counties. Delivers 10,667 hp. to Pacific Gas & Elec. Co. at Chico.)

D N W 3 ✠ 75w

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City Electric Co. Office, 14 Sansome St (Gen. Sta. in San Francisco.) (Controlled and operated by Great Western Pwr. Co.); cap. outstg. $5,000,000; bds. $2,481.000.

Pres. M. Fleishhacker.....San Francisco
V. Prests. Herbert Fleischhacker "
Guy C. Earl.......... "
Sec. H. P. Wilson......New York, N. Y.
Treas. Charles E. Mynard..San Francisco
Gen. Agt. W. W. Briggs... " "
¶ Pur. Agt. Frank W. Smith " "
Gen. Supt. E. W. Beardsley " "

4 turbo-gen. West. tot. 21,000 kw. 11,000 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440-2200 v. s 2 & 3 ph. 60 cys; d. c. day & nt. mo. cir. 250 v: 7200 hp. b. Bab. & W. Oil.

C D L S 1 2 3 36

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Great Western Pwr. Co. Office, 14 Sansome St., San Francisco. (Controls City Elec. Co. and California Electric Generating Co. which company owns a steam plant in Oakland.) (Sub stas. in Sacramento. Brighton, Isleton, Antioch, Clayton, Oakland, Cowell, Santa Rosa, Napa and Petaluma). Controlled by Western Pwr. Co.; cap. $27,500,000; bds. $20,855,000.

Pres. M. Fleishhacker.....San Francisco
V. Prests. Herbert Fleishhacker San Francisco
Guy C. Earl.... " "
V. Pres. & Sec. H. P. Wilson
25 Broad St., New York, N. Y.
Treas. F.M.Tompkins " " "
Audr. Charles E. Mynard
San Francisco
Gen. Agent, W. W. Briggs " "
¶Pur. Agt. Frank W. Smith " "
*Gen.Supt. E.W. Beardsley " "

Hydro-Elec. plant on north fork of Feather River, Las Plumas, Butte Co., transmission volt. 100,000 v. 154 miles to Oakland. Capacity of ultimate devel. 650,000 hp. Present equip. 6 G. E. tot. 65,000 kw. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-120 v; a. c. day & nt. mo. cir. 110-220-440-2200 v. s. 2 & 3 ph. 60 cys; d. c. day & nt. mo. cir. 500-250 v; 110,000 hp. turb. (wtr.) I. P. Morris. (Sells energy in bulk to Fair Oaks Elec. Co.)

C D N W 1 2 3 36

Pacific Gas & Elec. Co.—Office, 445 Sutter St. (Location of plants; Alta, Placer Co.; de Sabla, Butte Co.; Centerville, Butte Co.; Colgate, Yuba Co.; Deer Creek, Nevada Co.; Electra, Amador Co.; Folsom, Sacramento Co.; Newcastle, Placer Co.; Yuba, Yuba Co.; Drum, Placer Co.; Sta. "C" Oakland; San Jose, San Jose Co.; Sta. "B" Sacramento; Sta. "A" San Francisco. The electric generating stations (10 hydraulic and 4 steam) have a combined capacity of 174,510 kw., of which 92,310 kw. is generated by water power and 82,200 kw. by steam; 1,531 miles of high tension trans. lines and 3,484 miles of overhead distribution lines. Serves Agua Caliente, Adams, Alamo, Albany, Allegheny, Alta, Alto, Alvarado, Alviso, Amador City, Angel Island, Antioch, Arboga, Atherton, Auburn, Barber, Belmont, Ben Lomond, Belvedere, Benicia, Beresford, Berkeley, Bethany, Biggs, Big Oak Flat, Brentwood, Brighton, Broderick, Brown's Valley, Byron, Burlingame, California City, Camp Meeker, Campbell, Cement, Centerville, Chico, Colfax, Collinsville, Colma, Colusa, Concord, Consumnes, Cordelia, Corte Madera, Crockett, Crow's Landing, Cupertino, Daly City, Danville, Davis, Decoto, de Sabla, Dixon, Dobbins, Davenport, Drytown, Durham, Dutch Flat, Duncan's Mills, Easton, Eagle's Nest, Edenvale, Eldridge, Elmira, El Verano, Electra, Emeryville, Encinal, Fairfax, Fairfield, Forestville, Felton, Folsom City, Gilroy, Glen Ellen, Gold Run, Grass Valley, Gridley, Grimes, Groveland, Guernville, Hammonton, Hayward, Hillsborough, Hollister, Hookston, Ignacio, Ione, Irvington, Jackson Gate, Jackson, Kennedy Flat, Kentfield, Knight's Landing, Knightsen, Lake Francis, Lafayette, Larkspur, Lathrop, Lincoln, Live Oak, Livermore, Lomita Park, Loomis, Los Gatos, Los Altos, Madison, Madrone, Maletta, Manlove, Mare Island, Martinez, Martell, Marysville, Mayfield, Mayhew, Menlo Park, Meridian, Millbrae, Mills, Milpitas, Mill Valley, Mission San Jose, Mokelumne Hill, Monte Rio, Morgan Hill, Moulton's Landing, Mountain View, Mt. Eden, Napa, Nevada City, New Chicago, Newark, Newcastle, Newman, Niles, Nicolaus, Novato, Oakland, Oakley, Occidental, Orange Vale, Palo Alto, Pacheco, Penryn, Patterson, Penn Grove, Perkins, Petaluma, Piedmont, Pike City, Pinole, Pittsburg, Pleasanton, Point San Pedro, Port Costa, Redwood City, Richmond, Rio Vista, Rocklin, Roseville, Rodeo, Ross, Russell City, Sacramento, San Andreas, San Anselmo, San Bruno, San Carlos, San Francisco, San Jose, San Leandro, San Lorenzo, San Mateo, San Pablo, San Quentin, San Rafael, San Ramon, Santa Clara, Santa Cruz, Saratoga, Santa Rosa, Sebastapol, Sausalito, Sheridan, Smartsville, South San Francisco, Stanford University, Sonoma, Stege, Stockton, Suisun, Sutter City, Sutter Creek, Sunnyvale, Tiburon, Tormey, Towle, Tracey, Union Station, Vacaville, Vallejo, Vineburg, Walnut Creek, Warm Springs, Watsonville, Wheatland, Winters, Woodland, Woodside, Yola and Yuba City.) Cap. stk. (pref.) $10,000,000, (com.) $32,109,300; bds. outstg. $24,986,000; underlying divisional bds. outstg. $50,499,800.

Pres. Frank G. Drum......San Francisco
V. Pres. & Gen. Mgr.
John A. Britton.......... "
2d V. Pres. & Treas.
A. F. Hockenbeamer..... "
3d V. Pres.
J. E. Gladstone......New York, N. Y.
Sec. & Asst. Treas.
D. Howard Foote........San Francisco
Asst. Treas. Jos. C. Love.. "
Asst. Secys. Chas. L. Barret "
M.K.Parker, New York, N.Y.

### *HYDRO-ELEC. STAS.*

*ALTA*—3 a. c. G. E. tot. 3,000 kw.

*DE SABLA*—4 a. c. G.E. tot. 13,000 kw.

*CENTERVILLE* — 2 a. c. G. E. tot. 6,400 kw.

*COLGATE*—7 a. c. G. E. tot. 14,200 kw.

*DEER CREEK*—1 a. c. G. E. 5,500 kw.

*ELECTRA*—7 a. c. G. E. tot. 20,000 kw.

*FOLSOM*—5 a. c. G. E. tot. 3,750 kw.

*NEWCASTLE*—2 a. c. G. E. tot. 800 kw.

*YUBA*—2 a. c. G. E. tot. 660 kw.

*DRUM*—2 a. c. G. E. tot. 25,000 kw. (ultimate capacity 66,666 hp.)

### *STEAM ELEC. GEN. STAS.*

*OAKLAND STA. "C"*—2 a. c. G. E. tot. 21,000 kw.

*SAN JOSE*—3 a. c. G. E. tot. 2,200 kw.

*SACRAMENTO STA. "B"*—1 a. c. G. E. 5,000 kw.

*SAN FRANCISCO STA. "A"*—3 a. c. G. E. tot. 54,000 kw.

Total equipt: 44 a. c. G. E. tot. 174,500 kw. 500 to 11,000 v. 3 ph. 60 cys; 31,546 hp. b; 14,200 kw. e; 68,000 kw. turb (stm.); 152,080 hp turb. (wtr.); trans. 110,000 & 60,000 v. 3 ph. 60 cys.

Total number of street lamps, 28,042 (6,721 arcs & 21,321 incs.); oil 68½ cts. per bbl.

Sierra & San Francisco Pwr. Co. Office, 58 Sutter St. Controlled by the Calif. Ry. & Pwr. Co. Pwr. plants at Stanislaus, Phoenix and Knights Ferry; steam standby plant in San Francisco; cap. $20,000,000; bds. $16,000,000.

Pres. ——— .................. ———
V. Prests. Gen. Mgr. H. F. Jackson,
San Francisco
P. M. Hoskins
25 Broad St., New York, N.Y.
Sec., Treas. & Audr.
F. J. Blanchard, San Francisco
¶ Pur. Agt. L. C. Helfrich.. "
Supt. M. C. McKay........ "

4 a.c. G. E. tot. 34,000 kw. 110,000-11.000 v. 60 cys; 4 a. c. Stanley tot. 1875 kw. 15,000 v. 3 ph. 60 cys; 2 a. c. G. E. tot 1500 kw. 15,000 v. 3 ph. 60 cys; 8 d. c. S. & H. tot. 3200 kw. 550 v; 47,000 hp. turb. Pelton; 18,000 hp. stm. turb. Curtis, G. E; 10,300 hp.b. Bab. & W; Trans. line 140 miles to San Francisco. trans.volt. 104,000 v. 60 cys; a. c. day & nt. ltg.cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; petroleum. (Distributes energy through Tuolumne, Calaveras, San Joaquin, Alameda, Contra

Costa, Santa Clara, San Benito and San Francisco Counties, including Modesto, Manteca, Tracy, Ripon, Farmington, Salida, Lathrop, Oakdale, Avena, Escalon, Riverbank, Copperopolis and others; sells energy to Coast Valleys Gas & Elec. Co., Universal Elec. & Gas Co., United Railroads of San Francisco and California Street Cable Railway Co.)
C D N S W 3 ✣ ★16

Universal Elec. & Gas Co. Office Claus Spreckels Bldg. (Formerly Municipal Lt. & Pwr. Co.) (Gen. sta. at 3d & Stevenson Sts.)
Pres. C. A. Spreckels.....San Francisco
V. Pres. Rudolph Spreckels “ “
Sec. & Treas. Frank Harrold “ “
*Mgr. A. K. Harford ....... “ “
Ch. Engr. H. A. Wood..... “ “
3 a. c. Westg. tot. 2400 kw. 2300 v. 2 ph. 60 cys; 1 d.c. G. E. 100 kw. 110-220 v; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 240 v; 1600 hp. b. Sterling; 2400 kw. turb. (stm.) Westg; 150 hp. e. Ball; purchases energy also from Sierra & San Francisco Pwr. Co. (Installing 2—500 kw. West. mo.-gen. sets.)
Oil.
C D L S 2 125

California Ry. & Pwr. Co.—Office 25 Broad St., New York, N. Y. (This is a holding company only and controls the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., the Coast Valleys Gas & Elec. Co. and the San Francisco Elec. Rys., and is itself controlled by the United Railways Investment Co. through ownership, either directly or through subsidiaries, of the outstanding preferred and common stocks.)
Pres. Mason B. Starring
25 Broad St., New York, N. Y.
V. Prests. S. H. March
25 Broad St. “ “
Geo de B. Greene
43 Exchange Pl. “ “
Sec. P. M. Hoskins
25 Broad St., New York, N.Y.
Treas. B. S. Guinness
25 Broad St. “ “
★125

Pacific Lighting Corpn. Office, 519 California St. (Owns the Los Angeles Gas & Elec. Corpn. and assets and interests in other cos.); cap. $8,962,000.
Pres. & Mgr. C. O. G. Miller
San Francisco
V. Pres. Geo. H. Collins .. “
*Sec. & Treas.
Horace H. Miller........ “
125

United Railways Investment Co.—Office 15 Exchange Place, Jersey City, N. J. (This is a holding company only and controls through stock ownership in Cal. Ry. & Pwr. Co. all the first preferred, preferred and outstanding common stock of the United Railroads of San Francisco (except 11 shares to qualify directors), and over 62 p. c. of the outstanding common stock of the Phila. Co., Pittsburg, Pa. Also owns all the stock (except directors' shares) of The Railroads & Power Development Co.)
*Pres. Mason B. Starring
25 Broad St., New York
V. Prests. W. H. Chesbrough
115 B'way “
F. V. Van Vorst
25 Broad St. “
Sec. W. J. Duane, 59 Wall St. “
Treas. B. S. Guinness
25 Broad St., New York
Asst. Sec. & Asst. Treas.
M. V. R. Weyant “ “
Audr. P. M. Hoskins...... “ “
★125

Western Power Co. Office 50 Broad St., New York, N. Y. (Owns entire capital stock of Great Western Pwr. Co. which in turn controls the City Electric Co. and California Electric Generating Co); prefd. stock outstg. $6,000,000; com. outstg. $14,670,000; no bds.
Pres. F. Lothrop Ames....Boston, Mass.
V. Prests. *Sec. H. P. Wilson
New York, N. Y.
W. H. Spaulding..San Francisco
Treas. F. M. Tompkins “ “
16

**SAN GABRIEL,** 1,300—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**SANGER,** 1,436—San Joaquin Lt. & Pwr. Corpn. See Fresno.
Day & nt. service 2300 v. 3 ph. 60 cys.
City cont. 27 incs. $2.50 per yr.
D R 3 35

**SAN JACINTO,** 898—The Southern Sierras Power Co. For executive officers see Denver, Colo.
Local Supt. P. L. Nourse.....San Jacinto
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys.
City cont. 80 incs. 16 c.p. $15 per yr; 11 P. M.
D L 3 16

**SAN JOSE,** 30,000—*Pacific Gas & Elec. Co. See San Francisco.
Dist. Mgr. J. D. Kuster...........San Jose
a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 3 ph.
City cont. all nt: oil.
D L S 3 104

San Jose Railroads — Office, Pacific Electric Bldg., Los Angeles. (Controlled through ownership of stock by Southern Pacific Co.); cap. $5,000,000; bds. $2,916,000.
Pres. Wm. F. Herrin ......San Francisco
V. Pres. Paul Shoup.........Los Angeles
*Sec. & Audr. H. A. Culloden. “
Treas. M. S. Wade.......... “
Mgr. F. E. Chapin..............San Jose
¶ Pur. Agt. F. W. Taylor....Los Angeles
Supt. Ovhd. Distrbn.
W. H. Davidson...............San Jose
Ch. Engr. Henry H. Lynch...... “
Energy purchased from Pacific Gas & Elec. Co; d. c. day & nt. ltg. cir. 100 v; d. c. day & nt. mo. cir. 500 v.
C D R 15

**SAN LEANDRO,** 4,000—Pacific Gas & Elec. Co., Alameda County District. See San Francisco.
Dist. Mgr. Frank A. Leach, Jr..Oakland
a. c. day & nt. ltg. cir; a. c. mo. cir. 3 ph.
City cont.
D L 3 104

**SAN LUIS OBISPO,** 5,157—Midland Counties Public Service Corpn. (Successor to Midland Counties Gas & Elec. Co.) (Owned and operated by San Joaquin Lt. & Pwr. Corpn.); cap. $2,000,000.
Pres. W. G. Kerckhoff.......Los Angeles
V. Pres. A. C. Balch......... “
Sec. & Treas. W. E. Durfey.......Fresno
Mgr. A. G. Wishon................ “
¶ Pur. Agt J. H. Newlin.......... “
Dist. Agt. Fletcher Easton
San Luis Obispo

2 a. c. Bull. tot. 350 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; trans. volt. 66,000 v. (coming in sub-sta.) 10,000 v. (going out); 400 hp. e. Harrisb, Flem; 375 hp. b. Bab. & W; also purchase energy from San Joaquin Lt. & Pwr. Co. 4 transf. Allis C. tot. 800 kva.

City cont. 54 arcs series enc. 6.6 amp. $78 per yr; 27 incs. series 80 c. p. 100 w. $27 per yr; all nt; oil 77 cts. (Also serves Paso Robles, Oceano, Santa Maria, Guadalupe and Pismo. Also operates plants in Arroyo Grande and Lompoc.)
D L S 1 3 ✣ 94w

**SAN MATEO,** 6,500—Pacific Gas & Elec. Co. See San Francisco.

**SAN PABLO,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**SAN PEDRO,** 4,000 — Southern Cal. Edison Co. See Los Angeles.
a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**SAN QUENTIN,** 2,500—Pacific Gas & Elec Co. See San Francisco.

**SAN RAFAEL,** 6,000—Pacific Gas & Elec. Co. See San Francisco.

**SANTA ANA,** 8,429 — Southern Cal. Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**SANTA BARBARA,** 11,659 — Santa Barbara Gas & Elec. Co. Ex. offices, Edison Bldg., Los Angeles. (Controlled by the Southern California Edison Co.); cap. $1,000,000; bds. $800,900.
Pres. C. H. Frink..........Santa Barbara
V. Prests. { W. A. Brackenridge..Pasadena
R. H. Ballard....Los Angeles
Sec. S. M. Kennedy............Alhambra
Treas. H. F. Keenan........Los Angeles
*Mgr. & Cont. Agt.
R. H. Sterling............Santa Barbara
¶ Pur. Agt. John Otto.......Los Angeles
Supt. B. F. Pearson.......... "
Engr. Pwr. Sta. B.R.Day..Santa Barbara
4 a. c. G. E, Westg. tot. 1900 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Bull. G. E. tot. 520 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. 220 v. 3 ph. 60 cys; trans. volt. 10,000 v. 3 ph. 60 cys; 1500 hp. e. ——; 1300 kw. stm. turb. G. E, Westg; 1624 kw. b. Bab. & W.

City cont. 200 a.c. arcs 6.6 amp. $66 per yr; 100 Tung. 40 w. $9 per yr; all nt; moonlt; oil 85 cts. per bbl. (Also lts. Montecito, Goleta and Carpinteria.)
D L S 3 ✣ 75

**SANTA CLARA,** 6,000—Munic. Elec. Ltg. System; cost $15,000. (Managed by Board of Trustees.)
Pres. Bd. R. B. Roll
Town Hall, Santa Clara
Town Clerk A. J. Cronin
Town Hall, "
Treas. A. V. Fatjo
1016 Santa Clara St., "
*¶ Supt. & Engr. Jas. I. Dixon
401 Benton St., "
Energy from Pacific Gas & Elec. Co.; trans. 4000 v. 3 ph. 60 cys; G. E. & West. transf. tot. 1050 kva; a. c. day & nt ltg. cir. 120 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

62 city arcs W. E. 1600 c. p; 21 series Mazdas 100 c. p; moonlt. 1 A.M.
D L 3 25

**SANTA CRUZ,** 16,000—Coast Counties Gas & Elec. Co., 454 California St., San Francisco. (Successor to Coast Counties Lt. & Pwr. Co. Owns Big Creek Lt. & Pwr. Co., Co-operative Elec. Co. and Watsonville Lt. & Wtr. Co.: also Union Trac. Co. and San Benito Lt. & Pwr. Co.)
Pres. & Gen. Mgr.
S. W. Coleman...........San Francisco
V. Pres. R. M. Hotaling.... "
Sec. & Treas. L. W. Pryor.. "
*Asst. to Gen. Mgr.
W. R. Van Bokkelen........ "
Dist. Mgr. R. L. Cardiff...... Santa Cruz
9 a. c. G. E. Westg. tot. 2600 kw. 2200-220-110 v. 2 ph. 60 cys; 6 d. c. G. E, Westg. tot. 830 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys; 1900 hp. e. McI. & S, Fitch; 1400 hp. b. Bab. & W; 900 hp. turb. (wtr.) Pelton; trans. volt. 22,000 v. Energy also from Pacific Gas & Elec. Co.

Oil. (Co. also lts. Capitola, Seabright, Twin Lakes, Davenport, Watsonville, Hollister, San Juan, Gilroy and Morganhill.)
D L S W 2 125

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Munic. Elec. Plant; bds. auth. $5,000, 5 p.c. int.
Mayor, F. R. Howe...........Santa Cruz
City Clerk, J. L. Wright...... "
*Supt. J. C. Geyer............ "
Engr. Pwr. Sta. N. N. Knapp. "
154 city arcs lumn. 4 amp. $54 per yr.; 776 incs. Packard 40 w. $6 per yr.
L ★125

**SANTA MARIA,** 2,260—Midland Counties Public Service Corpn. See San Luis Obispo.
Local Mgr. A. M. Frost......Santa Maria
Purchase energy: 3 transf. Allis-C. 600 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 220-440 v. 3ph. 60 cys.

City cont. 81 Mazda 40-80 w. $30 per yr; all nt, (Also lights Guadalupe and supplies energy to Pacific Coast Ry. Co.)
D L 3 ✣ 74

**SANTA MONICA,** 7,847 — Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**SANTA PAULA,** 2,216—Ventura County Pwr. Co. See Oxnard.
City cont. 50 Tung. 60 & 100 w. tot. $78.50 per mo; moonlt, 12 P. M.
L 25

**SANTA ROSA,** 12,000—Pacific Gas & Elec. Co. See San Francisco.

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Great Western Power Co. See San Francisco.

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California Telephone & Light Co. Office, 538—3d St., Santa Rosa; cap. outstg. $1,106,486.66; bds. $446,000.
Pres. & Mgr. F. L. Wright....Santa Rosa
V. Pres. M. S. Sayre............Lakeport
*¶Sec. & Treas.
W. P. Ferguson ............Santa Rosa
Audr. S. Pickering............ "
Cont. Agt. Wm. Evans........ "
Gen. Supt. O. R. Evans....... "

CLOVERDALE DISTRICT:

Energy purchased from Snow Mtn. Wtr. & Pwr. Co; 3 transf. West. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. 2 & 3 ph. 60 cys. Lts. Cloverdale, Windsor, Lytton, Geyserville, Asti, Preston, Healdsburg (sells in bulk to municipality) and all surrounding territory.

RUSSIAN RIVER DISTRICT:

Energy purchased from Pacific Gas & Elec. Co; 4 transf. G. E, Dun. tot. 175 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

Lts. Cotati, Graton, Forestville, Rionido, Guernville, Montrio, Duncan Mills, Camp Meeker, Occidental and all surrounding territory.

SONOMA VALLEY DISTRICT:

Energy purchased from Pacific Gas & Elec. Co; 5 transf. Wagner, Ft. W, G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys. Lts. Sonoma, El Verano, Vineburg, Boyes Spring, Agua Caliente, Fetters Springs, Eldridge, Glen Ellen, Kenwood and all surrounding territory.

UKIAH DISTRICT:

Energy purchased from Snow Mtn. Wtr. & Pwr. Co; 2 transf. G. E. tot. 300 kw; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys. Lts. Talmage, Potter Valley, and from a point six miles south of Ukiah to a point seven miles northeast of Ukiah.
D L 1 2 3 ★16

**SAUSALITO,** 2,383 — Pacific Gas & Elec. Co. See San Francisco.

**SAWTELLE,** 2,143 — Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**SEBASTAPOL,** 1,233—Pacific Gas & Elec. Co. See San Francisco.

**SELMA,** 1,750—San Joaquin Lt. & Pwr. Corpn. See Fresno.
Sub sta; transf. cap. 300 kva. 2300 v. 3 ph. 60 cys; day & nt. service.
City cont. 8 arcs $5.50 per yr; 41 incs. $2.50 per yr.
D R 3 35

**SIERRA CITY,** 716—Sierra City Elec. Lt. Co; cap. $1,075.
*Owner & Mgr. L. Goff.......Sierra City
1 d. c. Westg. 37½ kw. 110 v; d. c. nt. ltg. cir. 110 v; 10 hp. turb. (wtr.) Pelton.
City cont. 400 Mazdas $— per yr; all nt.
C L W 113

**SIERRA MADRE,** 1,303—Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**SONOMA,** 1,200—California Telep. & Lt. Co. See Santa Rosa.
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 45 incs. 60 w. $15 per yr.
D L 1 3 ✢ ★16

**SONORA,** 2,029 — *Tuolumne County Elec. Pwr. & Lt. Co.
Pres. J. J. Crooks..............San Rafael
Sec. Platt Kent............San Francisco
¶ Mgr. & Supt. H. J. Coffill.......Sonora
Purchase energy from Sierra & San Francisco Pwr. Co.
City cont. 102 incs. 16 c. p $7.50 per yr. (Co. also lts. Columbia, Jamestown, Quartz and Stent.)
L ✢ 83

**SOULSBYVILLE,** 400—*Soulsbyville Electric Lt. Co.
Owners, J. J. & R. A. Nicholls, Soulsbyville
¶ Mgr. R. A. Nicholls........ "
1 d. c. W. E. 30 kw. 250 v; 50 hp. turb. wtr. Dodd.
City cont. 400 incs. 16 c. p. $7.50 per yr.
C L W ✢ 33

**SOUTH PASADENA,** 4,649—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**SOUTH SAN FRANCISCO,** 2,500—Pacific Gas & Elec. Co. See San Francisco.

**SPRECKELS,** 1,000—Coast Valleys Gas & Elec Co. See San Francisco.

**STANFORD UNIVERSITY,** 2,600—Pacific Gas & Elec. Co. See San Francisco.

**STEGE,** 1,000—Pacific Gas & Elec. Co. See San Francisco.

**STIRLING CITY,** 1,650—The Diamond Match Co. See Chico.

**STOCKTON,** 30,000 — Western States Gas & Elec. Co. of California. (All of the common and preferred stock of this company is owned by Western States Gas & Elec. Co. of Delaware and $3,145,700 of the common stock and $212,300 of the preferred stock of the Delaware Co. is owned by the Standard Gas & Elec. Co.; total common stock outstanding of Delaware Co. is $3,503,000. Operated by H. M. Byllesby & Co.) (Wtr. Pwr. Sta. at Placerville.)
Pres. H. M. Byllesby........Chicago, Ill.
V. Pres. Treas. & Gen. Mgr.
Samuel Kahn....................Stockton
Sec. Allen L. Chickering..San Francisco
Asst Mgr. B. J. Wellington, Jr..Stockton
Supt. of Stas. H. S. Balkwill.... "
Supt. of Elec. Distribution,
E. H. Jacobs.................. "
Engr. Pwr. Sta. W. J. Farley. Placerville
Energy purchased from Pacific Gas & Elec. Co., Sierra & San Francisco Pwr. Co. and Great Western Pwr. Co.; trans. volt. 60,000 v. 3 ph. 60 cys; sell energy to Stockton Elec. R. R. Co.
Hydro-elec. sta; 2 a. c. Westg. 3000 kw. 35,000-2300-220-110 v. 3 ph. 60 cys: a. c. day cir. 230-115 v; a. c. pwr. cir. 460-230-115 v; —hp. turb. Pelton. Steam aux. 1 turbogen. G. E. 1500 kw.
City cont. 600 Tung. 600 cp. $56.83 per yr; moonlt; oil. (This div. also serves Placerville, Elk Grove, Woodbridge, Lockeford, Galt, Florin, Lodi, Sheldon, French Camp, Acampo, Camino, Plymouth, Clements and Jenny Lind.) (See also Eureka and Richmond Divisions.)
D N S W 3 25

Oro Elec. Corpn. See Oroville.
Engr. H. H. Adams..............Stockton
1 a. c. G. E. 1000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; trans. volt. 11,000 v. 3 ph. 60 cys; 1000 kw. stm. turb. G. E; 2400 hp. b. Bab. & W. Stir; also purchases power from Pacific Gas & Electric Co.
Oil 85 cts. (This district lights Holt, Waterloo, Linden and Bellota.)
D L S 3 125

**SUISUN,** 1,200—Pacific Gas & Elec. Co. See San Francisco.

**SUNNYVALE,** 1,500—Pacific Gas & Elec. Co. See San Francisco.

**SUSANVILLE,** 688—Lassen Elec. Co. Office, Masonic Bldg.; cap. $25,000.
Pres. Abel Bunnell.............Susanville
V. Pres. J. A. Pardee.......... "
*¶Sec. Treas. Mgr. & Cont. Agt.
L. R. Cady.................... "
Audr. W. E. Hills
582 Mills Bldg., San Francisco
Engr. Pwr. Sta. W. E. Lyons....Susanville
2 a. c. G. E. tot. 200 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 275 hp. turb. (wtr.) Pelton, Leffel.

City cont. 75 incs. series 6.6 amp. 100 c. p; meter; all nt. (Also lts. Halltown, Folsoms Addition and Lassen Townsite.)
D L W 1 3 16

**SUTTER CREEK**, 1,500—Amador Elec. Lt. & Pwr. Co.; cap. auth. $90,000; bds. $60,000.
Pres. E. C. Voorheis.........Sutter Creek
V. Pres. W. E. Downs ..... "
*¶Sec. & Mgr. C. R. Downs "
Treas. Mercantile National Bank
San Francisco
Energy purchased from Pacific Gas & Elec. Co.; 2 a. c. G. E. 2200-110 v; a. c. day & nt. ltg. cir. 110 v. 60 cys a.c. day & nt. mo. cir. 110-220 v. 2 & 3 ph 60 cys.
(Also lts. Jackson, Ione, Amador City & Drytown.)
D L 2 3 ✣ 125

**TAFT**, 4,500—San Joaquin Lt. & Pwr. Corpn. See Fresno.
Day & nt. service 2300 v. 3 ph. 60 cys.
City cont. 24 incs. $2.50 per yr.
D R 3 35

**TRACY**, 1,200—Pacific Gas & Elec. Co. See San Francisco.

**TROPICO**, 1,650—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**TRUCKEE**, 1,350—Truckee Elec. Lt. & Pwr. Co.; cap. $15,000; no bds.
*¶Pres. & Mgr. P. M. Doyle.....Truckee
Sec. & Treas. Mrs. P. M. Doyle.. "
Engr. Pwr. Sta. & Elecn.
W. S. Rowlison................ "
1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 240 hp. turb. Samson, Lef.
City cont. 1 arc G. E. 6 amp. $72 per yr; — incs. Edison $6 per yr; all nt.
L W 1 3 74

**TULARE**, 2,758—Mt. Whitney Pwr. & Elec. Co. See Visalia.

**TUOLUMNE**, 1,200—West Side Lumber Co.
*Pres. & Gen. Mgr.
W. R. Thorsen ...............Tuolumne
V. Pres. Geo. W. Johnson...... "
Sec. & Treas. J. R. Prince....... "
¶ Pur. Agt. John Bates.......... "
Ch. Engr. W. S. Beeman....... "
Ch. Elecn. C. K. Goodwin..... "
— a. c. G. E. 200 kw. 2300-104 v. 3 ph. 60 cys; a. c. day cir. 2080 v; pwr. cir. 2080 v; 450 hp. e. F. & S; 450 kw. turb. Allis-C.
D L S 3 104E

**TURLOCH**, 1,573—Yosemite Pwr. Co. See La Grange.

**UKIAH**, 2,136—Munic. Elec. Ltg. System. Cost, $50,000; bds., $14,000.
Pres. Bd. of Trustees,
T. L. Carothers..................Ukiah
Clerk, Albert M. Hardie, Jr. ....... "
Treas. Julius Roller ............... "
*¶ Supt. & Ch. Elecn. Wm. Bromley "
Energy purchased from Snow Mt. Wtr. & Pwr. Co.; a. c. day cir. 110 v; pwr. cir. 2300-220 v. 3 ph.
10 city arcs G. E. 660 w; 600 incs. 32 c. p; all nt.
D L 3 25

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Snow Mt. Wtr. & Pwr. Co. Office, 452 Mills Bldg., San Francisco. Pwr. plant in Potter Valley, 17 miles from Ukiah; cap. outstg. $5,000,000.
Pres. & Treas. C. N. Felton, Jr. San Francisco
V. Pres. F. D. Madison...... "
Sec. P. H. McGrath ........ "
*Mgr. W. S. Graham..................Ukiah
Ch. Operator, A. W. Lyon...Potter Valley
3 a. c. West. Bull. tot. 6000 kw. 2300-50,000 v. 3 ph. 60 cys; 10,000 hp. turb. Platt, Allis C; 75 miles trans; sells energy in bulk to Town of Potter Valley and Ukiah and California Telep. & Lt. Co. Calistoga Elec. Co., Napa Valley Elec. Co., Mt. Konocti Lt. & Pwr. Co. and feeds into Pacific Gas & Elec. Co's. system at Santa Rosa.
T W 3 25

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California Telep. & Lt. Co. See Santa Rosa.

**UPLAND**, 2,384—Ontario Pwr. Co. See Ontario.

**VACAVILLE**, 1,177—Vacaville Wtr. & Lt. Co.; cap. auth. & pd. in $25,000.
Pres. T. L. Gates................Vacaville
V. Pres. Mrs. S. W. English
2131 Bancroft Way, Berkeley
Treas. S. W. English " "
*¶ Sec. Mgr. & Supt. W. Z. McBride
Vacaville
Energy purchased from Pacific Gas & Elec. Co., 3300 v. 3 ph. 60 cys; 2 transf. Stan. tot. 200 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.
City cont. 92 incs. 32 c. p. $15 per yr; all nt.
D L 3 ✣ 125

**VALLEJO**, 15,000—Vallejo Elec. Lt. & Power Co.; cap. $100,000; no bds.
Pres. George Newman.....San Francisco
V. Pres. I. Rosenberg....... " "
*¶ Sec., Treas., Mgr. & Engr.
A. Casper...........................Vallejo
Energy purchased from Pacific Gas & Elec. Co; 1 a.c. Westg. — kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s., 2 & 3 ph. 60 cys; — hp. b. Bab. & W; 250 hp. e. Cor.
City cont. 190 arcs Luxolite 400 c. p. 15 amp. $60 per yr; 11 incs. G. E. 100 w. $15 per yr; moonlt; all nt.
D L S 1 2 3 ✣ ★125

**VAN NUYS**, 1,000—Southern Cal. Edison Co. See Los Angeles.

**VENICE**, 3,500—Southern Cal. Edison Co. See Los Angeles.

**VENTURA**, 2,945 — Ventura County Power Co. See Oxnard.
City cont. 29 arcs 2000 c. p. $75 per yr; 110 incs. Tung. 100 w. $18.20 per yr; mdnt.
L ✣ 25

**VICTORVILLE**, 119 — The Southern Sierras Pwr. Co. See Denver, Colo.
Local Supt. B. T. Ergenbright, Victorville
a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys.
City cont. 21 Mazdas 100 c. p. $44.64 per yr.
D L 3 16

**VISALIA**, 4,550—Mt. Whitney Pwr. & Elec. Co Office, Visalia. (In 1915 acquired the property of the Tulare County Pwr. Co.) (Operates 3 wtr. pwr. plants on Kaweah River, 1 wtr. pwr. plant on Tule River and stm. plants at Visalia and Tulare.) Cap. outstg. $2,625,000; bds. outstg. $3,110,000.
Pres. Harris Hammond
71 Broadway, New York, N.Y.
V. Pres. Ben. M. Maddox .........Visalia
*Sec. E. E. Baker ...................... "
Treas. Patrick M. Longan ......... "
Audr. E. S. Everett.... .......... "
¶Supt. W. D., Fred. G. Hamilton.. "
Supt. E. D., A. J. Robertson..Hammond
Engr. Pwr. Sta. (Stm.) H. W. Heard, Visalia
Total equip: 15 a. c. G. E. Westg. Allis-C. tot. 15,300 kw. 2200 & 440 v. 3 ph. 60 cys; 1 turbo-gen. West. Parsons 1500 kva;

4 rect. G. E. tot. 400 kw; trans. volt. 33,000 v. 3 ph. 6 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. 2 & 3 ph. 60 cys; 11,000 hp. b. Sterling; 6750 kw. turb. (stm.) Curtis, Parsons; 8550 hp. turb. (wtr.) Doble & Pelton.

City cont. 173 arcs 6.6 amp. $72 per yr; 112 series mult. Tung. 100 w. $30 per yr; moonlt; all nt; crude oil 75 cts. per bbl. (Co. also lts. Goshen, Tipton, Tulare, Delano, Ducor, Terra Bella, Portersville, Strathmore, Lindsay, Exeter, Lemon Cove, Woodlake, Venice Hill, Farmersville, Springville, Woodville and Earlimart; sells energy to Visalia Elec. R. R. Co.) (Will erect fifth hydro-elec. sta. on Kaweah River in Sequoia National Forest.)
D N S W 2 3 16

**WATSONVILLE,** 4,500—Coast Counties Gas & Elec. Co. See Santa Cruz.
1 a. c. West. 750 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. and mo. cir. 220-110 v; 1 McI. & S. engine; 2 Bab. & W. boilers.
D L S 2 125

**WATTS,** 1,922—Pacific Lt. & Pwr. Corpn. See Los Angeles.

**WEAVERVILLE,** 1,000—Weaverville Elec. Co.; cap. $10,000.
¶ Pres. W. W. Young.......Weaverville
V. Pres. S. M. Gibson.......... "
*Sec. A. C. Meckel............ "
Treas. Trinity County Bank... "
Mgr. & Engr. Pwr. Sta.
J. R. Blair................... "
2 d. c. inc. G. E. 25 kw. 125 v; d. c. nt. ltg. cir. 106 v; 60 hp. wtr. wheel Pelton.
Wtr. pur. $600 per yr.
C L W 14

**WEED,** 2,000—California-Oregon Pwr. Co. (Siskiyou Div.) See San Francisco.

**WHEATLAND,** 1,400—Pacific Gas & Elec. Co. See San Francisco.

**WHITTIER,** 4,550—Southern California Edison Co. See Los Angeles.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 50 cys.
D L 1 3 26

**WILLITS,** 1,153—Willits Water & Pwr. Co. (Pwr. plant at Northwestern.)
Pres. E. A. Selfridge..............Willits
V. Pres. Sec. & Mgr.
W. A. S. Foster.................. "
*Treas. Bank of Willits........... "
¶ Supt. & Cont. Agt. J. W. Heap . "
Engr. Pwr. Sta. W. P. Heap....... "
3 a. c. G. E. tot. 325 kw. 2300-2080 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; 375 hp. e. Ide; 400 hp. b. Phoenix; 150 hp. wtr. wh. Leffell; (also 1-ton ice plant)
City cont. 7 clusters 4-lt. 320 c. p. $30 per yr; 39 incs. 60 & 100 w. 40 & 80 c. p. $12 & $15 per yr; all nt; sawdust & slabs $2. (Co. also lts. Northwestern.)
D I L S W 3 ✢ 113

**WILLOW,** 1,139—Northern California Pwr. Co. See San Francisco.

**WINTERS,** 1,200—Pacific Gas & Elec. Co. See San Francisco.

**WOODLAND,** 3,200—Pacific Gas & Elec. Co. See San Francisco.

**YOUNTVILLE,** 1,430—Napa Valley Elec. Co. See St. Helena.

**YREKA,** 1,134—California-Oregon Pwr. Co. (Siskiyou Div.) See San Francisco.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.
City cont. — incs meter; all nt.
D L 3 16

**YUBA CITY,** 1,200—Pacific Gas & Elec. Co. See San Francisco.

## COLORADO.

**AGUILAR,** 1,558—Aguilar Lt. & Pwr. Co.; cap. $12,500.
¶ Pres. & Gen. Mgr. A. E. Bent
845 Equitable Bldg., Denver
V. Pres. A. I. Lindsey............ Aguilar
Sec. & Treas. E. I. Bent
845 Equitable Bldg., Denver
Supt. A. J. Arnold .................Aguilar
Purchases energy from Trinidad Elec. Trans. Ry. & Gas Co.; 2 transf. Westg. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 20 Tung. 250 c.p. $72 per yr; 10 incs. 32 c. p. $21 per yr; all nt.
D L 1 3 25

**ALAMOSA,** 3,013—The Colorado Pwr. Co. For executive offices, see Denver.
Local Mgr. J. V. Anderson.......Alamosa
Engr. Pwr. Sta. Eli Watkins.... "
3 a. c. Bull, Ft. W, G. E. tot. 415 kw. 2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 650 hp. e. B. & W. Chuse, Fleming; 400 hp. b. Kew. Hendrie & B.
City cont. 10 series G. E. arcs 6.6 amp. $8 per mo; 58 Mazdas 60 c. p. $18 per yr; moonlt; slack $2.15.
D L S 1 2 3 ✢ ★125

**ARVADA,** 840—Arvada Elec. Co., 1008 Gas & Elec. Bldg., Denver. (Controlled by Municipal Properties Investing Co.); cap. stk. $32,000; bds. $15 000.
Pres. & Gen. Mgr. W. C. Sterne...Denver
V. Pres. S. E. Rauh....Indianapolis, Ind.
Sec., Treas. & Gen. Supt.
Alex. Speer.......................Denver
¶ Local Mgr. & Cont. Agt.
Chas. M. Duncan..................Arvada
Purchases energy from Denver Gas & Elec. Co.; 11,000 v. 3 ph. 60 cys; 7 transf. West. Kuhlman tot. 340 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. s. & 3 ph. 60 cys.
City cont. 24 Tung. 100 w. $20 per yr; mdnt. (Co. also lts. Griffith, Craig & Ralston.)
D L 1 3 ✢ 16

**ASPEN,** 1,834—The Roaring Fork Elec. Lt. & Pwr. Co., 308 S. Galena St.; cap. $400,000, 4 p. c. div.
Pres. D. R. C. Brown...............Aspen
*¶ V. Pres. Mgr. & Cont. Agt.
C. E. Doolittle.................... "
Sec. C. F. Brown................... "
Treas. Jas. H. Devereux. New York, N.Y.
5 d. c. G. E. tot. 1600 kw. 600 v; 2 a. c. Westg. tot. 400 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 600-1200 v; 3600 hp. turb. Pelton, Doble.
City cont. 50 series Mazdas "C" 6.6 amps. $24 per yr; all nt.
C D L W 1 3 ✢ 125

**BERTHOUD,** 758—The Western Lt. & Pwr. Co. See Boulder.
Energy from Lafayette Plant, 44,000 v; a. c. day & nt. cir. 108 v. 60 cys.
City cont. 9 arcs. 2000 c. p; 3 incs. 50 c. p.
D L X ★16

**BOULDER,** 9,539—The Western Lt & Pwr. Co. (Operates a plant in Lafayette; also owns and operates Cheyenne (Wyo.) Lt. Fuel & Pwr. Co.); cap. outstg. $3,000,000; bds. $2 100,000.
Pres. A. Ludlow Kramer
37 Wall St., New York, N.Y.
*¶ V. Pres. & Gen. Mgr.
H. U. Wallace..................Boulder
Sec. & Treas John Seager
37 Wall St., New York, N.Y.
Ch. Acctnt. E. E. Sherman........Boulder
Asst. to Gen. Mgr. A. W. Hahn...... "
Engr. Pwr. Sta. H. J. Yates........ "

Energy from Lafayette plant; 2300-220-110 v. 3 ph. 60 cys; 2 rect. Westg. 100 lt; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 110 v.

City cont. 420 Mazdas 60 w. $9 per yr. 11 p.m. and $15 per yr. all nt; 338 Mazdas 40 w. $6 per yr. 11 p.m and $10 per yr. all nt. (This co. serves Boulder, Berthoud, Ft. Collins, Windsor, Superior, Loveland, Greeley, Niwot, Ft. Lupton, Severence. Louisville and Lafayette; sells energy to Farmers Elec. & Pwr. Co., Ft. Lupton Lt. & Pwr. Co., Home Gas & Elec. Co., Brighton Ice, Lt. & Pwr. Co. and City of Longmont.

C D L 3 ★16

**BRECKENRIDGE,** 834 — Tonopah Placers Co. (Successor to Colorado Consol. Mining & Elec. Co.)
Pres. J. S. Austin..............Phila. Pa.
V. Pres. J. H. Whiteman........ "
Sec. P. S. Bickmore............ "
Treas. C. A. Higbee............ "
*¶ Pur. Agt. W. H. Green...Breckenridge
Supt. J. E. Hopkins......... "

2 d. c. West. tot. 640 kw. 110 v; 2 a. c. West. tot. 50 hp. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; pwr. cir. 2200 v; 150 hp. e; 150 hp. b; 150 hp. turb. (wtr.) Pelton.

City cont. 40 incs. 32 c. p. $24 per yr; all nt.

C D L S W 3 ✢ 125

**BRIGHTON,** 850—Brighton Ice, Lt. & Pwr. Co.

Purchases energy from Western Lt. & Pwr. Co.

L §16†

**BRUSH,** 997—The Brush Lt. & Pwr. Co. Office, 1619-1623 Glenarm St., Denver; cap. $25,000; bds. $16,500.
Pres. Thos. B. Stearns..............Denver
V. Pres. & Treas. J. W. Stearns.. "
Sec. J. J. Cooper.................. "
¶ Mgr. & Cont. Agt.
Mountain Elec. Co............... "
*Supt. Wm. Bloom ...............Brush

2 a. c. Allis C. tot. 160 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; trans. volt 2200 v. 3 ph. 60 cys; 300 hp. e. Ideal: 250 hp. b. Penna.

City cont. 64 Mazda series 60 w. $14.40 per yr; mdnt; all nt; coal $2.40.

L S 3 ✢ 74

**BUENA VISTA,** 1,041 — The Buena Vista Elec. Lt. & Pwr. Plant.
*Lessee & Mgr. W. P. Eyre..Buena Vista

1 d. c. G. E. 80 kw. 550 v; d. c. day & nt. ltg. cir. 230 v; d. c day & nt. mo. cir. 460-230 v. 3 wire; 120 hp. gas e. F. M. & Co.; 120 hp. turb. Leffel.

City cont. 4 arcs enc. 550 w. $63.15 per yr; 26 Mazdas 400 w. $50.51 per yr; all nt.

C D G L W ✢ 25

**CANON CITY,** 5,162—Arkansas Valley Ry., Lt & Pwr. Co. For executive officers see Pueblo.
Local Supt. W. N. Clark......Canon City

6 a. c. Westg, Allis C. tot. 4700 kw. 550 v. 3 ph. 30 cys; a. c. day & nt. ltg. cir. 120 v. 30 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 30 cys; 2250 hp. e. H. O. & R; 2932 hp. b. Heine, B. & W; 4250 kw. turb. (stm.) Westg, Allis C; trans. volt. 23,000 v.

City cont. 76 a. c. series arcs 7.5 amp. $72 per yr; 15 series Tung. 24-100 w. $30 per yr; all nt; coal $1.65. (Sells energy in bulk to town of Florence.)

D R S 3 ✢ 25

**CENTRAL CITY,** 1,782—Gilpin County Lt., Ht. & Pwr. Co. Office, 1619-23 Glenarm St., Denver; cap. $38,000; bds. $11,000.
Pres. Thos. B. Stearns............Denver
V. Pres. & Treas. J. W. Stearns... "
Sec. & Mgr. J. J. Cooper.......... "
¶ Mgr. & Cont. Agt.
Mountain Elec. Co.............. "
*Supt. Frank Bertagnolli....Central City

Energy purchased from the United Hydro Elec. Co.; 4 transf. Westg. tot. 200 kw; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 90 incs. 25 c. p. $18 per yr. (Also lts. Blackhawk and Russell.)

D L 3 ✢ 75

**COLORADO CITY,** 4,333 — Colorado Springs Lt., Ht. & Pwr. Co. See Colorado Springs.

**COLORADO SPRINGS,** 29,078—Colorado Springs Lt., Ht. & Pwr. Co. (Controls the Citizens Lt. Ht. & Pwr. Co., and leases the Empire Wtr & Pwr. Co., and is in turn controlled by United Gas & Elec. Co., 61 Broadway, New York, N. Y.); cap. $2,000,000; bds. $2,605,000.
Pres. Geo. Bullock,
40 Wall St., New York, N.Y.
V. Prests. R. W. Chisholm, Colorado Springs
S. J. Dill......New York, N. Y.
Sec. & Treas. J. W. Ryter "
Mgr. J. F. Dostal........ "
Cont. Agt. T. J. Durkin.. "
¶ Pur. Agt. United Gas & Elec. Engrg. Corpn. 61 Broadway, New York, N. Y.
Supt. D. Kennedy ......Colorado Springs

9 a. c. G. E. Bull. tot. 5475 kw. 6600-3600-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 500 v; 3460 hp. e. Cor. Morse; 3000 hp. turb. (stm.) West. G. E. Allis C. 4382 hp. b. A. & T, Bab. & W; 4750 hp. wtr. wh. Pelton; also stm. htg.

City cont. 308 a. c. series arcs 7.5 amp. $66 per yr; 98 Tung. 100 w. $30 per yr; 300 4 & 5-lt. posts, Tung. 100 w. 3 cts. per kw. hr; all nt; lignite $1.40. (Co. also lts. Colorado City. Ramona and Manitou).

C D H L S W 1 3 25

**CONEJOS,** 348—Conejos Co-operative Roller Mills & Mfg. Co. Office, Antonito; cap. $32,934; no bds.
Pres. C. Jensen...................Manassa
*V. Pres. & Mgr. J. B. Neff......Antonito
Sec. J. K. McGregor............. "
Engr. Pwr. Sta. P. N. Rugg..... "

1 a. c. Westg. 100 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 110 v. 3 ph. 60 cys; 218 hp. e. Erie City; 150 hp. b. Frost; 150 hp. turb. (wtr.) McC.

City cont. 22 Mazdas 60 w. $1.87½ per mo.; all nt: coal $3.75. (Also lts. Antonito.)

D L S W 3 ✢ ★125

**CRESTED BUTTE,** 904 — Crested Butte Lt. & Wtr. Co.; cap. $50,000.
*Pres., Mgr. & Supt.
W. H. Whalen.............Crested Butte
V. Pres. J. H. Block........ "
Sec. C L. Ross.............. "
Treas. C. J. Diel............. "
Engr. Pwr. Sta. L. G. Espy.. "

3 d. c. G. E. tot. 80 kw. 110 v; 1 Ideal e. Ide & Son; 80 hp. b. Hendrie; 50 hp. turb. (wtr.) Hug, Pelton.

City cont. 18 incs. 32 c. p. $17.50 per yr; all nt.

C L S W ✠ 16

**CRIPPLE CREEK,** 5,700—Arkansas Valley Ry. Lt. & Pwr. Co. (Mountain Div.) See Pueblo.

a. c. day & nt. ltg. cir. 115-125 v. 30 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 30 cys.

City cont. 169 series Tung. 100 w. average $32.40 per yr.

D L 3 ✠ 25

**DEL NORTE,** 840—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $8,000.

Mayor, W. S. Johnson..........Del Norte
¶ Pur. Agt. Alden Bassett...... "
*Ch. Elecn. & Engr.
Geo. A. Bankert.............. "

1 a. c. G. E. 50 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 112 v. 60 cys; 85 hp. e. Allis-C; 125 hp. b. Kew.

37 city Mazdas 100 w; mdnt; coal $2.90.

L S 3 ✠ 125 E

**DELTA,** 2,100—Western Colorado Pwr. Co. See Montrose.

a. c. day & nt. ltg. cir. 220–110 v. 60 cys; a. c. day & nt. mo. cir. 11,000-2300-220-110 v. 3 ph. 60 cys.

D L 3 35

**DENVER,** 213,381—The Colorado Pwr. Co. Office, Symes Bldg., Denver. (Owns property formerly owned by The Central Colorado Pwr. Co. As of Jan. 1, 1915, The Salida Lt., Pwr. & Utility Co. was merged; acquired the property of the Mutual Elec. Lt. & Pwr. Co. of Alamosa.) (Pwr. plants at Shoshone near Glenwood Springs, Orodell near Boulder, 2 near Maysville, 1 steam plant at Salida, and 1 steam plant at Alamosa); cap. $11,425,000; bds. outstanding $4,130,000.

Pres. G. H. Walbridge
14 Wall St., New York, N.Y.
V. Prests. Fred. C Walcott.. 14 Wall St., New York, N.Y.
Sidney C. Mitchell
*Gen. Mgr.
L. P. Hammond... Denver
Sec. Irvin W. Day
14 Wall St., New York, N.Y.
Treas. D. E. Houston..............Denver
Asst. Gen. Mgr. Norman Read.... "
Supt. L. H. Shute.................. "
Supt. Transm. V. M. McDonald .. "
Local Pwr. House Supts. N. D. Urquhart. Shoshone via Glenwood Spgs.
H. D. Burt
Orodell via Boulder

5 a. c. G. E. Allis-C. tot. 20,500 kw. 4000-2300 v. 3 ph. 60 cys; trans. volt. 100,000 v. 3 ph. 60 cys; 500 kw. e. Allis-C; 1500 kw. stm. turb. G. E; 40,000 hp. turb. (wtr.) Morris. (Steam reserve at Leadville.)

(Co. has 180 mi. 100,000 v. trans. lines, extending from Shoshone through Leadville, Georgetown and Denver to Boulder, and wholesales pwr. to Glenwood Lt. & Wtr. Co., United Hydro-Elec. Co., Georgetown., Denver Gas & Elec. Lt. Co., and Denver Tramway Co.; lts. Salida, Monarch, Alamosa. Garfield, and Leadville; sells energy to mining customers in Summit and Boulder Counties.)

N W 3 ★16

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The Continental Mines, Pwr. & Reduction Co., Office, 401-2 First Nat. Bk. Bldg. (P. O. Box 1374), Denver. Pwr. plant at Lombard, Clear Creek Co.; cap. auth. $5,000,000; stock issued $4,290,200.

*¶ Pres. & Mgr. Henry I. Seemann. Denver
V. Pres. Frank R. Baker
Cleveland, Ohio
Sec. & Treas. Wm. H. Warinner. . Denver

1 d. c. G. E. 50 kw. 220 v; 1 a. c. Westg. 400 kw. 400v. 3 ph. 60 cys; trans. 10,000 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; 720 hp. (wtr. wheel) D. & H.

C D L W 3 ✠ 125

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Denver Gas & Elec. Lt. Co. (Controlled by the Cities Service Co.) Office, 900 15th St.; cap. $10,000,000; bds. $7,116,900; notes $3,500,000.

Chmn. Bd. Henry L. Doherty 60 Wall St., New York
Pres. Frank W. Frueauff...
V. Pres. & Gen. Mgr.
W. J. Barker.....................Denver
Sec. & Cont. Agt.
Clare N. Stannard................ "
Treas. John T. Brady.............. "
Audr. Harry T. Hughes............ "
¶ Pur. Agt. John Barker.......... "
Supt. A. F. Traver ................ "
Asst. Supt. W. A. Carter.......... "
Engr. Pwr. Stas. Jno. Brannan... "

8 a. c. Bull, G. E. Westg. tot. 15,450 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E Bull. tot. 1050 kw. 250-500 v; 28 rectifiers West, G.E. tot. 2675 lt; trans. volt. 11,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d.c. day & nt. mo. cir. 250-500 v; 7400 hp. e. Allis-C, F. & S, Ham; 11,250 kw. turb. (stm.) G. E, Westg; 13,220 hp. b. Heine, Bab. & W, Stir; also buys energy from The Colo. Pwr. Co.; 12 transf. Bull, West, G. E. tot. 11,275 kw; 3 mo. gen. G. E. tot. 2150 kw.

City cont. 2745 magn. & mult. arcs 4 & 6.6 amp. $60 per yr; 1229 Tung. series 75 w. $28 per yr; all nt; coal $1.65. (Co. also lts. Edgewater and Montclair and sells energy to Aurora, Arvada, Englewood, Ft. Logan, Golden, Littleton, Petersburg and Sheridan.)

C D L S 3 75w

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Nevada-California Pwr. Co. General office, 611-12 Symes Bldg., Denver; operating headquarters, First National Bldg., Riverside, Cal. (Controlled by The Nevada-California Elec. Corpn.) cap. $5,000,000; bds. outstg. $2,582,000.

Pres. —— ——............Riverside, Cal.
V. Prests. A. B. West.... " "
G. S. Wood............Denver
Sec. W. E. Porter.................. "
Treas. L. C. Phipps, Jr............ "
Gen. Agt. E. B. Criddle... Riverside, Cal.
¶ Pur. Agt. H. R. Day..... " "
Ch. Engr. C. O. Poole..... " "

3 hydro-elec. plants near Bishop, Cal., total equip. 11 a. c. Allis C., Westg. C.-W, Natl. tot. 18,750 kw. 2200 v. 3 ph. 60 cys; trans. volt. 55,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440 v. 3 ph. 60 cys; 25,000 hp. turb. (wtr.) Doble & Pelton, Henry; interchange of energy with The Southern Sierras Pwr. Co. and the Pacific Pwr. Co.

(Lights Round Mt., Manhattan, Tonopah, Goldfield, Blair, Silver Peak, Rhyolite, Millers and Pioneer, Nev.)

D N W 3 ✠ ★26

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The Southern Sierras Power Co. General office, 611-12 Symes Bldg., Denver, Colo.; operating headquarters, First National Bldg., Riverside; 2 hydro-electric plants on Bishop Creek near Bishop, Inyo County, Cal., and steam plant at San Bernardino, Cal. (Owns the Corona (Cal.) Gas & Elec. Co.). (Controlled by The Nevada-California Elec. Corpn.); cap. $5,000,000; bds. $2,570,000.

Pres. G. S. Wood.................Denver
V. Prests. Gen Mgr. —— ——
Riverside, Cal.
A. B. West.... " "
Sec. W. E. Porter...............Denver
Treas. L. C. Phipps, Jr............ "
Audr. P. R. Ferguson.....Riverside, Cal.
¶ Pur. Agt. H. R. Day.... " "

Gen. Agt. E. B. Criddle...Riverside, Cal.
Gen. Supt. F. A. Worthley " "
Ch. Engr. C. O. Poole.... " "

Power stas. equip: 4 a. c. G. E, Allis C, Bull. tot. 13,500 kw. 2200 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-440 v. 3 ph. 60 cys: trans. volt. 55,000-33,000 v. 3 ph. 60 cys; 9500 kw. stm. turb. G. E. Allis C; 4700 hp. wtr. wh. Doble, Pelton; 3500 hp. b. Bab. & W; interchange of energy with Nevada-California Pwr. Co. and Pacific Pwr. Co.; 6 transf. Allis C. tot. 9000 kw. (Wholesales energy to Coachella Valley Ice & Elec. Co for distribution throughout Imperial and Coachella Valleys, Cal.; also sells energy in bulk to The Lt. & Pwr. Utility Co., Banning, Calif., Barstow (Calif.) Utilities Co. & Cities of Riverside & Redlands, and serves Bishop, Big Pine, Lone Pine, Randsburg, Inyoken, San Bernardino, San Jacinto, Hemet, Perris, Victorville, Elsinore, Rialto and Corona, all in Cal.)

D N S W 3 ✣ ★26

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The Summit County Power Co. Office, 1008 Gas & Elec. Bldg. (Pwr. Plant near Dillon); cap. $500,000, bds. $156,000. (Controlled by Henry L. Doherty & Co.)

Chm. Bd. Dir. Henry L. Doherty
60 Wall St., New York, N. Y.
Pres. Wm. J. Barker. ..............Denver
1st V. Pres. & Treas. F. W. Frueauff
60 Wall St., New York, N. Y.
2d V. Pres. & Gen. Mgr.
W. C. Sterne.....................Denver
Sec. Clare N. Stannard.... } 60 Wall St.,
Asst. { E.E. McWhinney } New York,
Secys. { Louis F. Musil... } N. Y.
{ John T. Brady..........Denver
Asst. { Harry T. Hughes........ "
Treasrs. { Thomas A. Wallace
{ 60 Wall St....New York, N.Y.
¶ Pur. Agt. Alex. Speer ............Denver
Supt. J. A. Ober......................Dillon
Engr. Pwr. Sta. Carl Anderson.... "

3 a. c. G. E. Westg. tot. 1625 kw. 2300 v. 3 ph. 60 cys; trans. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 1600 hp. wtr. wh. Pelton; 1000 hp. stm. turb. West. Par; 800 hp. b. Stir.

Coal $3.00. (Co. furnishes lt. & pwr. to Dillon and Montezuma, also for mines and mills in Breckenridge, Argentine, Montezuma, Frisco and French Gulch.)

D L S W 3 ★16

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Municipal Properties Investing Co., 1008 Gas & Elec. Bldg., Denver. Holding company for McCook Elec. Co., McCook, Neb.; Ft. Lupton Lt. & Pwr. Co., Arvada Elec. Co., and Arapahoe Elec. Lt. & Pwr. Co., Littleton; cap. stock auth. $1,000,000.

Pres. & Gen. Mgr. W. C. Sterne..Denver
V. Pres. S. E. Rauh....Indianapolis, Ind.
Sec. & Treas. Alex. Speer.........Denver
16

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The Nevada-California Electric Corp'n Office, 611 Symes Bldg.. Denver Colo (Holding company for The Nevada-California Pwr. Co; The Southern Sierras Pwr. Co; Bishop Lt. & Pwr. Co; Corona Gas & Elec. Lt. Co; Hillside Water Co. and Interstate Telegraph Co.); cap. $5,000,000 (com.), $5,000,000 (pfd.)

Pres. —— ——...........Riverside, Cal.
V. { G. S. Wood.................Denver
Prests. { A B. West....... Riverside, Cal.
Treas. Lawrence G. Phipps, Jr....Denver
Sec. W. E. Porter.................... "
§16

**DURANGO,** 5,000—Western Colorado Pwr. Co. See Montrose.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 17,000-2300-220-110 v. 3 ph. 60 cys.

D L 3 35

**EATON,** 1,157—Farmers Elec. & Pwr. Co. (Successor to Eaton Elec. Co.); cap. stock outstg. $21,000; bds. $65,000.

Pres. Bruce G. Eaton................Eaton
V. Pres. Walter J. Farr.............. "
Sec. & Treas. Gerald H. Denio..... "
*¶ Mgr. Supt. & Ch. Engr.
C. H. Williams...................... "
Audr. C. W. Collins. ............... "

Energy purchased from The Western Lt. & Pwr. Co; transm. from Greely substa; distributed over territory north of Greeley; trans. volt. 6600 v. 3 ph. 60 cys; West. transf. 1050 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys.

City cont. 20 G. E. Mazda series 300 w. 5.5 amp. $72 per yr; all nt. (Co. also lts. Ault, Pierce and Lucerne.)

D L 3 ✣ 25

**ENGLEWOOD,** 2,983—Arapahoe Elec. Lt & Pwr. Co. See Littleton.

**ERIE,** 596 — Munic. Lighting System.

*City Clerk & Recorder
Frank Westwood.................. Erie
Purchases energy.
Mdnt.
L ✣ 104

**ESTES PARK,** 50—Estes Park Elec. Lt. & Pwr. Co.; cap. $20,000.

Pres. F. O. Stanley.........Newton, Mass.
V. Pres. A. Lamborn..........Estes Park
Sec. & Treas. A. D. Lewis.... "
*Supt. & Engr. Pwr. Sta.
F. E. Bunnell................ "

1 a. c. W. E. 250 kw. 6600-110 v. s. ph. 60 cys; a. c. day cir. 110 v; —— hp. motor; 350 hp. turb. (wtr.) Hug.

D L W 1 ✣ 23

**FAIRVIEW,** ——Marion Mines & Mills Co. Office, 850 Equitable Bldg., Denver; cap. $300,000.

Pres. H. E. McElwain................Denver
*V. Pres. & Mgr. Frank Bulkley,
850 Equitable Bldg., "
Sec. & Treas. Jas. Giedlartz " "
Supt. Henry J. Gray..............Fairview

1 d. c. C. W. —— kw. 110 v; —— kw. incs. 16 c. p; 300 hp. turb. (wtr.) Pelton, Hug.

C L W 73

**FLORENCE,** 2,712—Arkansas Valley Elec. Co. Office, 1619-23 Glenarm St. Denver; cap. $30.000.

Pres. Thos. B. Stearns............Denver
V. Pres. Sec. & Treas. J. W. Stearns "
¶ Mgr. & Cont. Agt.
Mountain Elec. Co............... "
*Supt. F. C. E. Wessel...........Florence

Purchases energy from Arkansas Valley Ry., Lt. & Pwr. Co., Canon City; trans. 22,000 v. 3 ph. 30 cys; 4 transf. Westg. tot 200 kw; a. c. day & nt. ltg. cir. 110 v. 30 cys.

City cont. 110 Tung. 80 c. p $24 per yr; all nt. (Also lts. Rockvale and Coal Creek.)

D L 3 ✣ 16

**FORT COLLINS,** 8,210—The Western Lt. & Pwr. Co. See Boulder.

Mgr. L. W. Cody.............Fort Collins

Energy from Lafayette; a. c. day & nt. ltg. & mo. cir.

City cont. 84 arcs $60 per yr; 198 incs. 60-150 w. $2 50 per mo; all nt.

D L X 16

**FORT LUPTON,** 614—Ft. Lupton Lt. & Pwr. Co. (Controlled by Munic. Properties Investing Co., 1008 Gas & Elec. Bldg., Denver, Col.); cap. stock outstanding $50,000.

Pres. & Gen. Mgr. W. C. Sterne...Denver
V. Pres. S. E. Rauh....Indianapolis, Ind.
Sec. & Treas. Alex. Speer..........Denver
Local Mgr. P. D. Shepperd....Ft. Lupton

Energy purchased from Western Lt. & Pwr. Co.; trans. volt. 6600 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 146 multiple Mazdas, 250 c p., 100 w., 60 w. & 40 w., $60, $32, $21 & $16 per yr; all nt. (Also lts Milliken, Johnstown, Platteville and surrounding territory.)

D L 1 3 ✣ 16

**FT. MORGAN,** 2,800—Munic.Lt. &Wtr. Plant; bds. $7.500: cost $42,000.
*¶ Supt. Lt. & Ch. Elecn. Geo. G. Cox,
Ft. Morgan

3 a. c. Nat'l, G. E. tot. 425 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. 3 ph. 60 cys; 480 hp. e. Chuse: 100 kw. turb. (stm.) Curtis; 587 hp. b. Kew, Atlas Geary.

250 city incs. "C" 80 c. p; all nt; coal $2.25.

D L S W 3 125

**FRASER,** 300—*The Fraser River Timber Co.
Pres. K. L. Feltch....................Fraser
V. Pres. Frank Feltch.............. "
Sec. & Supt. F. M. Parshall........ "
Treas. & Mgr. Fred Feltch.......... "
Engr. Pwr Sta. D. B. Graham....... "

1 a. c. Ft. W. 25 kw. 480 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 40 hp. e. Ball; 100 hp. b. Erie.

Saw mill refuse.

L S 3 ✣ 23

**GEORGETOWN,** 950—The United Hydro Elec. Co.; cap. auth. $400,000; bds. outstg. $187,000.
Pres. John J. Sherwin.....Idaho Springs
V. Pres. Wm. L. Bush..... "
Sec. & Treas. F. P. Dewey ..Georgetown
*Mgr. H. L. Corbett.......... "
Supt. & Ch. Elecn.
Harry Hanson.............. "

3 a. c. G. E. 1350 kw. 10,000-2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 112-120 v. 60 cys; a. c. day & nt. mo. cir. 10,000-2300-440 v; 450 hp.e. Allis-C; 1800 hp. impulse whl. Hug, Pelton; 500 kw. turb. Westg, Parsons; 850 hp. b. Bab. & W. Heine; also purchases energy from The Colorado Pwr. Co.

City cont. 250 Mazda series 32, 60 & 80 c. p. $15, $18 & $20 per yr; 50 incs. 16 c.p. $15 per yr; coal $3. (Also lts. Silver Plume, Idaho Springs, Nevadaville, Russell Gulch and sells energy in bulk in Central City).

D L S W 1 3 ✣ 125

* The Boston Colorado Pwr. & Wtr. Co. See Idaho Springs.

**GLENWOOD SPRINGS,** 2,019—Glenwood Lt. & Wtr. Co.; cap. $400,000; no bds.
Pres. C. C. Parks..... Glenwood Springs
V. Prest. W.B.Devereux..New York,N.Y.
*¶ Sec. Treas. & Mgr.
H. G. Overbeck......Glenwood Springs
Asst. Supt. (Ch. Engr. Pwr. Sta.) W. M. Tait "
Asst. Supt. (Ch. Distributing Sys.) F.W.Kaiser "

1 a. c. G. E. 200 kw. 2200 v. 3 ph. 60 cys; 1 d. c. West. 22½ kw. 125 v; 1 arc Brush Mach. 60 lamps; a.c. day & nt. ltg. cir. 110 v. 60 cys; 450 hp. wtr. wh. Doble; also buys energy from The Colorado Pwr. Co.

(Co. also lts. Cardiff.)

C D L W 3 ✣ 125

The Mutual Lt., Ht. & Pwr. Co.; cap. $45,000.
Pres. George H. Bell...Glenwood Springs
*Sec. & Supt.
Charles H. King ..... "

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 440-220 v; 90 hp. e. Chuse; 140 hp. b. Kew.

City cont. 232 Tung; all nt; coal $1.30.

D L S 3 ✣ ★125

**GOLDEN,** 2,477—The Jefferson County Pwr. & Lt. Co; cap. outstg. $50,000; bds. $30,000.
*¶Pres. & Mgr. E. A. Phinney....Golden
V. Pres. H. M. Rubey........... "
Sec. & Treas. H. L. Woolfenden
1st Nat'l Bank Bldg., Denver
Gen. Supt. G. F. Hoadley..........Golden

Energy purchased from Denver Gas & Elec. Lt. Co; a. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 104 series Tung. 32 & 250 c. p. 4 amp. 90 cts. per mo. per 32 c. p; all nt. (Contemplates erecting a transmission line to Morrison.)

D L 3 ✣ §105

**GOLDFIELD** 1,112—Arkansas Valley Ry. Lt, & Pwr. Co. See Pueblo.

**GRAND JUNCTION,** 7,754 — The Grand Junction Elec., Gas & Mfg. Co.; cap. $250,000; bds. $250,000.
Pres. & Gen. Mgr.
E. A. Sunderlin..........Colorado Spgs.
Sec. & Treas. Ralph R. Wright
Grand Junction
Gen.Supt. S. M L. McSpadden "
*¶ Supt. A. C. Foster........ "

2 a. c. G. E. tot. 300 kw. 2200-100 v. 3 ph. 60 cys; 1 turbo-gen. Curtis 500 kw. 2200 v. 3 ph. 60 cys; 2 d. c. tot. 250 kw. 600 v; a. c. day cir. 2200 v; pwr. cir. 200-100 v; 75 hp. mo; 1000 hp. e. Ham, Cor, Ideal; 1700 hp. b. Heine; 700 hp. turb. G. E, Curtis; also 40-ton ice plant (York).

City cont. 94 series a. c. arcs 6.6 amp. $82.50 per yr; all nt; coal $2.

C D I N S 3 ✣ 125

The Redlands Irrig. & Pwr. Co.; cap. $500,000; bds. $70,000.
Pres. Fred L. Lucas
60 Wall St., New York, N. Y.
*V. Pres.,Treas. & Mgr. Albert J. Zwart
Grand Junction
Sec. W. A. Frueauff ...... "
Engr.Pwr.Sta.Robt.S.Phares "

2 a. c. G. E. tot. 900 kw. 2300 v. 3 ph. 60 cys; 1800 hp. turb. wtr. Lef.

T W 3 16

**GREELEY,** 8,179—Home Gas & Elec. Co. Office, 619—8th Ave.; cap. $75,000.
Pres. W. A Miller.................Greeley
V. Pres. J. H. Hayes............... "
*¶Sec. Mgr. Cont. Agt. & Supt.
F. Norcross........................ "
Treas. Geo. D. Statler.............. "

Purchases energy from The Western Lt. & Pwr. Co.; a. c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 600 Mazdas "C" 60 & 80 w. 25 cts. per w. per yr; all nt. (Co. also lts. Evans, La Salle and Kersey.)

D L 3 ✣ ★115a

**GUNNISON,** 1,026—Munic. Elec. Lt. Plant; cost $60,000.
Mayor, J. Blackstock............Gunnison
Treas. F. D. Van Aken.......... "
*¶ Mgr. Cont. Agt. & Supt.
F. E. Keenan.................... "
Engrs. { F. B. Eells.......... "
Pwr. Sta { E. B. Ames .......... "

2 a. c. Westg, Ft.W. tot. 225 kw. 2200 v s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys: 375 hp. e. Ball, Chuse; 375 hp. b. Star, Kew.

125 city incs.—c. p. all nt; slack coal $1.33.

D L S 1 ✣ 16

**GYPSUM,** 200—The Casper Schumm Elec. Lt. & Pwr. Co. (2 generating stas. at Gypsum); cap. $10,000,
*Pres. Casper Schumm...........Gypsum
Sec. & Treas. Wm. C. Schumm.. "
Ch. Engr. W. H. Lea............ "
Engr. Pwr. Sta. Edw. Thompson "
2 a. c. Ft. W. tot. 84½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 175 hp. wtr. wh. Leffel.
City cont. 60 incs. 60-125 c. p; all nt. (Also lts. Eagle.)
D L W 3 16

**HAYDEN,** 314—The Hayden Concrete, Gas & Elec. Co.; cap. $50,000.
*Pres. & Mgr. B. T. Shelton..... Hayden
V. Pres. John E. Miles........... "
¶Engr. in chge. C. L. Davidson... "
1 a. c. G. E. 30 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110 v. s. ph. 60 cys; 50 hp. b. Erie; 48 hp. e. Erie.
City cont. 14 tung. 100 w. $24 per yr; midnt; coal $1.30.
L S 1 3 ✠ ★85

**HOLLY,** 724—*Munic. Lt. & Wtr. Plant; cost $43,000.
¶ Mgr., Cont. Agt. & Supt.
J. G. Fuller.........................Holly
2 a. c. Westg, G. E. tot, 150 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 165 hp. e. Erie; 200 hp. b. Frost.
25 arcs series 500 c. p. $80 per yr; 10 incs. series 100 w. $30 per yr; all nt; coal $2.15.
D L S 3 113

**HOLYOKE,** 659 — Munic. Elec. Lt. & Wtr. Wks; cost $10,000.
*Supt. & Engr. Pwr. Sta.
Paul Renck.......................Holyoke
1 a. c. G. E. 70 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. (one day a week); 95 hp. e. Ball; 170 hp. b. Frost.
Coal $3.85.
D L S 3 125

**HOTCHKISS,** 600—*Hotchkiss Packing & Pwr. Co.; cap. $26,450.
Pres. A. B. Pouell...............Hotchkiss
V.Pres.& Mgr. Adam Seager, Sr. "
Sec. Treas. & Cont. Agt.
Adam Seager, Jr.............. "
Supt. Myron Beals............... "
Engr. Pwr. Sta. Thos. Addleman "
1 a. c. G. E. 50 kw. 2300-110 v. 3 ph. 60 cys; d. c. day & nt. ltg. cir. 110 v; 85 hp. e. Bckye; 140 hp. b. Gem.
City cont. 24 incs Bryan, 110 v. $2 35 per yr; 6 mo. all nt., 6 mo. mdnt; coal $2.25.
C D L S 3 ✠ 23

**HUGO,** 500—The John Lieber Elec. Lt. Plant.
*Owner. John Lieber.................Hugo
1 d. c. Westg. 7½ kw. 110 v; d. c. nt. ltg. & mo. cir. 110 v; 10 hp. e. (gas) Otto.
Gasoline 18 cts.
C G L ✠ 25

**IDAHO SPRINGS,** 2,154—The United Hydro Elec. Co. (Sub-station). See Georgetown.

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The Boston-Colorado Pwr. & Wtr. Co. Office, 1415 Miner St.; power plants at Idaho Springs and Georgetown.
Receiver & Mgr. E. C. Stimson...Denver
Pres. F. B. Chesbrough..Emerson, Mich.
Sec. Thos. H. Gibson.....Laramie, Wyo.
Treas. F. D. Patterson.............Denver
*Supt. S. Florine.............Idaho Springs
7 a.c. G. E, Natl. tot. 1100 kw. 2300 v. 3 ph. 60 cys; trans. volt. 10,000 v; a. c. day & nt. ltg. cir. 116 v. 60 cys; a.c. day & nt. mo. cir. 2300-500 v. 60 cys; 650 hp. e. F. & S.; Rice; 900 hp. b. Wickes, B. & W; 1000 hp. turb. (wtr.) McC. (Also stm. htg.)
Slack $2.70. (Co. also lts. Empire.)
D H L S W 3 ✠ 75

**JULESBURG,** 962—Munic. Elec. Lt. Plant; cost $70,000; bds. $70,000.
Mayor, W. M. Hileman ........Julesburg
Clerk, J. E. Wagner ........... "
Treas. Chas. Peterson.......... "
*¶Mgr. Cont. Agt. Supt. & Engr.
Pwr. Sta. C. H. Lent......... "
2 a. c. F. M. & Co., C. W. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 300 hp. e. Atlas, Bckye; 200 hp. b. Brnl; 175 hp. turb. (wtr.) Gary; 12 transf. Westg, G. E, Hornberger, Wagner; also stm. htg.
100 city Mazdas; all nt; coal $2.25.
D H L S W 3 ★125

**LAFAYETTE,** 1,892—The Western Lt. & Pwr. Co. See Boulder.
Local Mgr. J. G. Keegan.......Lafayette
Supt. Pwr. Sta. H. J. Yates..... "
4 a. c. Westg. tot. 8000 kw. 13,200-11,000-220-110 v. 3 ph. 25 and 60 cys; a. c. day and nt. ltg. cir. 220-110 v. 60 cys; a.c. day and nt. mo. cir. 220 v. 3 ph. 60 cys; 800 hp. motor; 8000 kw. turb. (stm.) Westg; 4200 hp. b. Franklin.
City cont. 363 arcs Westg, A-B, T-H, W. E. $84 to $100 per yr; 130 incs. 16-32-50 c.p. $24 per yr; all nt; slack, $1.15. (Trans. to Ft. Collins, Louisville, Boulder, Greeley, Ft. Lupton and Loveland.)
D L S 1 3 16

**LA JARA,** 800—The La Jara Elec. & Creamery Co.; cap. outstanding $6,690; bds. outstanding $3,000.
Pres. Jas. P. McKelvey..........La Jara
V. Pres. W. A. Braden........... "
*Sec. Treas. & Mgr.
J. A. McDaniel.................... "
Ch. Engr. Marvin Outcalt....... "
1 a. c. G. E. 30 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v. 60 cys; 45 hp. e. Ide; 60 hp. b. Kew.
City cont. 20 incs. Tung. 60, 100 & 250 w. $36 per yr.; all night; coal $2.30. (Also lts. Richfield.) (Contemplates extension to Sanford.)
L S 3 ✠ ★16

**LA JUNTA,** 5,062—Arkansas Valley Ry., Lt. & Pwr. Co. See Pueblo for executive officers.
Supt. Geo. W. Milliken.........La Junta
Trans. volt. 13,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. (Reserve stm. plant.); 1 a. c. Allis-C. 150 kw. 2200 v. 3 ph. 60 cys; 240 hp. e. Ball; 175 hp. b. Heine.
City cont. 54 arcs enc. A. B. 7.5 amp. $80 per yr; 44 Mazdas 100 w. $80 per yr. per cluster of four; all nt.
D L S 3 25

**LAMAR,** 2,997—The Intermountain Ry., Lt. & Pwr. Co. Main office, 412 Mining Exchange Bldg., Colorado Springs. (Operates plants in Lamar and Las Animas; Chadron, Crawford and Holdredge. Neb., and Laramie, Wyo.) Cap. outstg. $555,000; bds. $414,000.
Pres. E. C. Van Diest......Colorado Spgs.
V. Pres. R. L. Holland..... " "
*¶ Sec. T. L. Wilkinson...........Denver
Treas. A. H. Hunt........Colorado Spgs.
Asst. Treas. W. M. Wilson. "
Mgr. The Associated Engineers Co...............Denver & "
Supt. W. Corson......................Lamar
2 a. c. Allis C. tot. 225 kw. 2200 v. 3 ph. 60 cys; 3 d. c. Allis C, G. E. tot. 110 kw. 110-220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. pwr. cir. 220-110 v. s. ph. 60 cys; 375 hp. e. Bates & Ideal, Skinr; 300 hp. b. Eng. Iron Wks.

City cont. 5 mult. arcs 2000 c. p. $120 per yr; 23 incs. 32 c. p. $30 per yr; 40 incs. 16 c.p. 60 w. $33 per yr; all nt; coal $2.45.
C D R S 1 3 ✠ ★16

**LAS ANIMAS,** 2,008—The Intermountain Ry., Lt. & Pwr. Co. See Lamar.
Supt. J. W. Eash..............Las Animas
2 a. c. Warren G. E. tot. 175 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 235 hp. e. Atlas, Vilter; 300 hp. b. Bab. & W, Oil City: also 15-ton ice plant (York.)
City cont. 17 arcs. A. B. 450 w. $108 & $120 per yr; moonlt; coal.
D I L S 1 3 ✠ 25

**LA VETA,** 691—The La Veta Lt., Ht. & Pwr. Co.
Pres. Geo. N. Webster.............La Veta
Sec. M. M. Webster................ "
*Treas. & Mgr. C. C. Webster... "
1 a. c. Warren 40 kw. 1100 v. s ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 60 hp.e. Brnl; 60 hp.b. Erie; 53 hp. turb. (wtr.) Lef.
City cont. 2 Tung. $90 per yr; 28 incs. 32 c. p. $24 per yr; all nt; coal $3.00.
L S W 1 ✠ 125

**LEADVILLE,** 7,508—The Colorado Pwr. Co. See Denver.
Local Mgr. W. E Robertson....Leadville
Asst. Local Mgr. A. F. Moriarity "
City cont. 88 arcs G. E. 500 w. $60 per yr; all nt.
L ★16

**LITTLETON,** 1,373—Arapahoe Elec. Lt. & Pwr. Co.: cap. $44,600; bds. auth. $200,000. (Controlled by Municipal Properties Investing Co., 1003 Gas & Elec. Bldg., Denver, Colo.)
Pres. & Gen. Mgr. W. C. Sterne...Denver
V. Pres. S. E. Rauh....Indianapolis, Ind.
Sec. & Treas. Alex. Speer.........Denver
¶ Local Mgr. J. H. Barkell...Englewood
Supt. O. F. Nats....................Littleton
Purchases energy from Denver Gas & Elec. Lt. Co.; trans. 11,000 v. 3 ph. 60 cys; 7 transf. Westg. G. E. tot. 550 kw; a. c day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 107 mult. incs. 100 w. $27 per yr. all nt. & $15 per yr. midnt: 188 series incs. 250, 100 & 60 w. $55, $16 & $21 per yr., all nt. (Also lts. Englewood, Ft. Logan, Petersburg and Sheridan, and outlying districts in Arapahoe County.)
D L 1 3 ✠ 16

**LONGMONT,** 4,256—The Munic. Elec. Lt. Plant; cost $90,000; bds. $46,000.
*Supt. Ray Smith..............Longmont
Engr. Pwr. Sta. A. J. Kalinowski..Lyons
2 a. c. Ft. W. tot. 500 kva. 2300 v. 3 ph. 60 cys; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 800 hp wtr. wh. Pelton; also purchases energy from Western Lt. & Pwr. Co.
City cont. 128 incs. 80 c. p; 86 incs. 150 c. p. and 550 incs. 40 w; all nt.
D L W 3 16

**LOUISVILLE,** 1,076—The Western Lt. & Pwr. Co. See Boulder.
Energy from Lafayette.
City cont. 7 arcs. Westg. 550 w. $100 per yr; 32 incs. 50 c. p. $21 per yr.
L X ✠ 16

**LOVELAND,** 3,651—The Western Lt. & Pwr. Co. See Boulder
Supt. M. J. Zurick..................Loveland
Energy from Lafayette plant 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. pwr. cir. 220 v. 3 ph. 60 cys.
City cont. 54 arcs Westg. 500 w. $90 per yr; 13 incs. series 60 c p. $24 per yr; all nt.
D L 3 16

**LYONS,** 632—Rocky Mountain Hydro Elec. Co. (Owns valuable wtr. pwr., partially developed, on North St., Vrain Creek, Boulder County. Mr. R. M. Jones, Ch. Engr., also owns extensive & powerful wtr. pwr. immediately below; upon which also considerable construction has been done. Properties will ultimately be operated as one with an output of 12.000 kw. Lines will be built to Denver, and from there energy will be distributed to the surrounding territory.)
Pres. Frank V. Gay... Clay Center, Kans.
V. Pres. & Treas. Fred. C. Otto
Riley, Kans.
Sec. O. Deifendorf...Leonardsville, Kans.
*Ch. Engr. R. M. Jones
1142 Humboldt St., Denver
Plants located on North St., Vrain Creek.
T W 16

**MANCOS,** 567—The Montezuma Elec. Co.; cap. $10,000.
Pres. & Treas. Chas. Hepworth...Mancos
Sec. Frank Hepworth............. "
*Mgr. D. E. Ireland................ "
Engr. Pwr. Sta. Arthur McLevan "
2 d.c. G. E. tot. 55 kw. 125 v; d.c.(midnt.) ltg.cir.115 v; 75 hp.e.Ideal; 130 hp.b.Kew.
City cont. 20 Tung. 40 w. $22 per yr; mdnt; coal slack $2.
C L S ✠ 125

**MANITOU,** 1,357—Colorado Springs Lt., Ht. & Pwr. Co. See Colorado Springs.
City cont. 85 Tung. 100 w. mdnt. (4 most in summer), $10 per yr; 150 Tung. 100 w. $24 per yr; all nt.
L ✠ 25

**MEEKER,** 807—Meeker Electric Co.
*Owner & Mgr. William Laidlaw, Meeker
2 a. c. Warren, Westg. tot. 150 kw. 2400 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 240-120 v. s. ph. 60 cys; 185 hp. e. Rus, Brnl; 200 hp. b. Frost, Nagle; 150 hp. wtr. wh. Lef.
City cont. 50 multiple incs. 32 c. p. $21 per yr; all nt; slack $1.25.
D L S W 1 ✠ 125

**MILLIKEN,** 500—Fort Lupton Lt. & Pwr. Co. For officers see Fort Lupton.
Supt. D. W. McGee..............Ft. Lupton
a c day & nt. ltg. cir. 110 v. 60 cys; a. c day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; trans. volt 6600 v. 3 ph. 60 cys.
City cont. 3 arcs mult. 6.6 amps. $90 per yr; all nt.
D L 1 3 ✠ 16

**MONTE VISTA,** 2,544—Monte Vista Lt., Ht. & Pwr. Co.; cap. issued $87,500; bds. outstg. $55,000.
Pres. L. P. Hammond,.... } Symes Bldg.,
Sec. & Treas. D. E Houston } Denver
*¶ Mgr. Cont. Agt. & Supt.
J. V. Anderson.............Monte Vista
Ch. Engr. J. W. Beam....... "
2 a. c. G. E. tot. 200 kw. 2200 v. 3 ph. 60 cys; trans. 2200 v; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 233 hp. e. Ball & Ridg; 300 hp. b. C. & T, Hendrie & B.
City cont. 85 series Tungsten 100 w. $24 per yr; all nt; slack $2.35.
D L S 3 ✠ 125

**MONTROSE,** 3,026—Western Colorado Pwr. Co. Main office, Montrose. (Consol. of property of the The Telluride Elec. Lt. Co.; The Telluride Pwr. Co. (Colo. Dept.): San Juan Wtr. & Pwr. Co., Durango; Durango Gas & Elec. Co.; Ouray Elec. Pwr. & Lt. Co.; Ridgway Elec. Co.: Montrose Elec. Lt & Pwr. Co. and Delta Elec. Lt. Co., all in Colo.) Controlled by the Utah Pwr. & Lt. Co., Salt Lake City, Utah: cap. stk. outstg. $3,500,000; bds. $3,000,000.

Pres. Bulkeley Wells..........Telluride
V. Prests. D.C.JacklingSaltLakeCity,Utah
G. E Claflin..New York, N. Y.
G. M. Dahl.... " "
Sec. & Asst. Treas.
E. P. Summerson..... " "
Treas. & Asst. Sec.
A. E. Smith.......... " "
Asst. Treasrs. G. B. Thomas
Salt Lake City, Utah
P. F. Parkinson....Montrose
Gen. Mgr. J. A. Clay.......... "

Stm. elec. stas: Durango, Delta and Montrose; hydro elec. stas: near Silverton on Cascade Creek of Animas River; three near Telluride on Lake and Howard Forks of San Miguel River and on Uncompahgre River near Ouray; trans. volt. 44,000 v. 3 ph. 60 cys; distrib., 17,000-11,000-2300-440-220-110 v. Serves Animas Forks, Durango, Delta, Eureka, Montrose, Ophir, Ouray, Pandora, Red Mountain, Rigdway, San Miguel, Silverton, Telluride and Vanadium.

*STEAM ELEC. PLANTS.*

*DELTA* —
1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 150 hp. e. Ball; 170 hp. b. Hendrie & B ; 3 transf. G. E. tot. 150 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

*DURANGO* —
1 a. c. Bullock 350 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 100 kw. 500 v; 820 hp. e. Allis; 400 hp. b. Mohr; 3 transf. G. E. ot. 1500 kva; trans. volt. 44,000-17,000 v. 3 ph. 60 cys.

*MONTROSE* —
3 a. c. W. E. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 510 hp. e. Ideal, Chuse, Bckye; 450 hp. b. Nagle, Kewanee; 3 transf. G. E. tot. 225 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

*HYDRO-ELEC. PLANTS.*

*"NEW" AMES* —
1 a. c. G. E. 3600 Kw. 11,000 v. 3 ph. 60 cys; 6160 hp. wtr. wh. Pelton.

*"OLD" AMES* —
2 a. c. West. tot. 1200 kw. 500 v. 2 ph. 60 cys; 1870 hp. wtr. wh. Pelton; 4 transf. Converse tot. 1500 kva.; trans. volt. 11,000 v. 3 ph. 60 cys.

*ILIUM* —
1 a.c. G. E. 1200 kw. 1050 v. 3 ph. 60 cys; 1600 hp. wtr. wh. Pelton; 3 transf. Converse tot. 1200 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

*OURAY* —
2 a. c. West. tot. 450 kw. 2300 v. s. & 2 ph. 60 cys; 1,000 hp. wtr. wh. Pelton; 2 transf. Pittsburg tot. 400 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

*TACOMA* —
2 a. c. G. E. tot. 4500 kw. 4000 v. 3 ph. 60 cys; 8.000 hp. wtr. wh. Pelton; 6 transf. G. E. tot. 4,500 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

Total plant capacity; steam, 900 kw; water, 10.950 kw: tot. 11,850 kw.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 11,000-2300-220-110 v. 3 ph. 60 cys.

C D N S W 1 2 3 35

**NEW CASTLE,** 500—The Garfield Mine Leasing Co. (Purchased property of The Coryell Mine Leasing Co.) Office, Foster Bldg., Denver, Col.
Pres. J. P. Brackett..............Denver
V. Pres. F. L. Johnson.............. "
Sec. & Treas. I. A. Moore......... "
*Audr. C. F. Helwig.............. "
¶ Pur. Agt. G. A. Easterly......... "
Supt. Thos. Gibby.............New Castle
Engr. J. C. Weller............ "

1 a. c. G. E. 100 kw. 250 v. 3 ph. 60 cys; trans. 2300 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 200 & 110 v; 100 kw. stm. turb. G. E; 300 hp. b. Kew; also stm. htg.

City cont. 15 series Tung. 250 w; coal 60 cts.

D H L S 3 ★16

**OAK CREEK,** 222—The Oak Creek Service Co.; cap. $100,000.
Pres. Chas. E. Drennen
1635 17th St., Denver
V. Pres. R. W. Hanington.... " "
Sec. J. R. Marine.............. " "
*Supt. & Engr. Pwr. Sta.
L. Cleaver...................Oak Creek

1 a. c. Ft. W. 50 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 90 hp. e. Chuse; 80 hp. b. Kew.

City cont. 30 Tung. series 4 amp. 100 w; lal nt; slack coal.

L S 1 3.................. ✠ 25

**ORDWAY,** 1,500—Ordway Elec. Lt. & Pwr. Co. (Controlled by Hendrie & Bolthoff Mfg. & Supply Co., Denver); cap. $10,000; no bds.
Pres. E. G. Heckendorf..............Denver
Sec. P. S. Bruckman.............. "
*Mgr. M. S. Slaughter..............Ordway

Energy purchased from Rocky Ford plant of Arkansas Valley Ry., Lt. & Pwr. Co.; 2 transf. Ft. W. tot. 100 kw.; trans. volt. 13,200-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 32 incs. 100-250 w. 6.6 amp; all nt. (Also lts. Sugar city.)

D L 3 ✠ 15

**OURAY,** 1,500—Western Colorado Power Co. See Montrose.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 11,000-2300-220-110 v. 3 ph. 60 cys.

D L 3 ✠ 35

**PAGOSA SPRINGS,** 669—Moore Lt. & Pwr. Co.
*Mgr. & Cont. Agt.
C. A. Moore...............Pagosa Springs
Supt. L. C. Klinger........ "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 240 hp. wtr. wh. Trump.

City cont. 5 type "C" lamps tot. $120 per yr; all nt.

D L W 3 ✠ ★125

**PALISADES,** 900—The Palisades Service Co. Office, Denver; cap. outstg. $50,000.
¶Pres. Mgr. & Supt. J. M. Howe..Ordway
V. Pres. R. W. Hanington
1635 17th St., Denver
*Sec. & Treas.
Charles E. Drennen.. " "
Mgr. J. H. Mosier..................Palisade

2 a. c. Natl. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; no. mo. cir; 300 hp. e. Ideal, Chuse; 250 hp. b. Kew; also ice plant (Baker).

City cont. 35 incs. Tung. series 100 w; all nt; coal 90 cts.

D I L S 3 ✠ ★125

**PAONIA,** 1,007—Munic. Elec. Lt. Plant; cost $25,000; bds. $4,700.
Mayor, C. O. Johnson..................Paonia
Clerk & Treas. Wm. Osboldstone.. "
*Supt. J. E Nutting.................. "

2 a. c. Allis C. West. tot. 175 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 300 hp. e. Sknr, Chuse; 200 hp. b. U. I. Wks. Kew.

90 city Tung. 100 w; all nt; coal $1.60.

D L S 3 ✠ ★125

**PUEBLO**, 46,000—Arkansas Valley Ry. Lt. & Pwr. Co. Power plants at Pueblo, Canon City, La Juanta (reserve), Rocky Ford (reserve) & Skaguay (hydro-elec.) 8 miles from Victor. (Successors to The Pueblo & Suburban, Traction & Ltg. Co. (a consolidation of the Pueblo Trac. & Ltg. Co. and Pikes Peak Pwr. Co. of Cripple Creek Dist.), owning and operating all street railways, electric light and power in Pueblo.) Controlled by the Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co.; cap. auth. $10,000,000; outstg. $4,145,000; bds. auth. $10,000,000; outstg. $6,622,000.

Pres. Gen. Geo. H. Harries
1900 Cont. & Com'l Bk. Bldg., Chicago, Ill.
V. Pres. & Mgr. W. F. Raber......Pueblo
Sec. Herbert List..............Chicago, Ill.
Treas. R. J. Graf.............. " "
¶ Pur. Agt. S. G. Cunningham....Pueblo
Supt. E. F. Stone...................... "
Engr. Pwr. Sta. C. A. Orr.......... "

5 a.c. G.E, Westg. Allis C. tot. 5260 kw. 2300-116 v. s. & 3 ph. 30 and 60 cys; 2 d. c. G. E. tot. 1050 kw. 550 v; a. c. day & nt. ltg. cir. 116 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 550 v; 4024 hp. e. McI. & S., R. & S; 4635 hp. b. Heine, Cahall, Bab. & W. Stir; 2700 kw. stm. turb. Allis-C.

City cont. 94 5-lt. Standards (1 100-w. & 4 60-w.) 12 posts all nt. $5.41 per mo. and 82 posts mdnt. $4 per mo; 395 enc. arcs 500 w. $65 per yr., all nt: 36 enc. arcs 750 w. $72 per yr., mdnt; slack $2. Serves Altman, Anaconda, Canon City, Cripple Creek, Goldfield, Fowler, Independence, La Junta, Manzanola, Pueblo, Rocky Ford, Swink and Victor, and sells energy to Arkansas Valley Elec. Co. and Ordway Elec. Lt. & Pwr. Co.)

C D R S 1 3 ✠ 25

**RICO**, 368—The Rico Mining Co.

Pres. Henry Godet..........
*Sec. & Treas.
Wm. R. Sainsbury........ 9 Wall St., New York, N. Y.
Supt. & Engr. Pwr. Sta. Geo. Hicks..Rico

1 a. c. G. E. 125 kw. 480 v. 3 ph. 60 cys; 3 d. c. G. E. C-W tot. 115 kw. 120 & 220 v; d. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 450 v. 3 ph. 60 cys; d.c. mo. cir. 220 v; 250 hp. e. Buffalo; 300 hp. turb. Pelton; 350 hp. b. Spring. H. & B.

City cont. 19 incs. 32 c. p. $24 per yr; all nt; coal $3.50.

C D L S W 3 ✠ 125

**RIFLE**, 698—Rifle Lt. Ht. & Pwr. Co. (Pwr. plant 12 miles from town); cap. $50,000; bds. $10,000.

Pres. C. L. Todd..........................Rifle
V. Pres. Geo. E. Clarkson............ "
Sec. W. J. Le Rossignol.............. "
Treas. W. H. Haley.................... "
*¶ Mgr. Geo. H. Ennis.................. "
Engr. Pwr. Sta. Walter Dingman... "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 1 arc Ft. W. 25 lt; trans. 11,000 v; a c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys: 230 hp. turb. (wtr.) Lef.

City cont. 23 arcs a. c. series 1200 c. p. $108 per yr; all nt.

D L W 1 3 ✠ 25

**ROCKVALE**, 1,413—The Arkansas Valley Elec. Co. See Florence.

**ROCKY FORD**, 4,000—Arkansas Valley Ry., Lt. & Pwr. Co. Office, 909 Elm Ave. See Pueblo for officers.

Local Supt. F. S. Johnson....Rocky Ford

Reserve stm. plant; 1 a. c. Bull. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 80 hp. e. Ball, Ideal; 150 hp. b. Kew; trans. volt. 32,000 v.

City cont. 87 Tung. 100 w. $24 per yr; 21 Tung. 250 w. $60 per yr; all nt. (This sta. sells energy in bulk to Ordway Elec. Lt. & Pwr. Co.)

D N S 3 ✠ 25

**SALIDA**, 4,425—The Colorado Pwr. Co. See Denver.

Local Mgr. W. E. Robertson.......Salida
Asst. Mgr. L. V. Seares............. "
Local Supt. B. Smith................. "

7 a. c. G. E. tot. 1950 kva. 2300 v. 3 ph. 60 cys; 2 arc G. E. 100 lt; trans. volt. 16,000 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 250 hp. e. F. & C; 900 hp. b. Ault, Taylor; 500 kw. turb. (stm.) G. E, Curtis; 2000 hp. turb. (wtr.) D. & H. (Includes Mayville equip.)

City cont. 59 arcs Westg. 1200 c. p. $72 per yr; 44 Tung. 100 w. $24 per yr; all nt; coal. (Also lts. Monarch and Garfield.)

D L S W 3 ✠ ★16

**SILVERTON**, 1,600—Munic. Elec. Lt. Plant; cost $55,804.

Mayor, W. W. Wagstaff .........Silverton
El.Lt. Com.
Chmn. F. Boden.... "
C. W. Montgomery "
G. Munyon........ "
*¶ Mgr. & Supt. T. G. Chittick... "

Reserve; 3 a. c. Westg. tot. 330 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 450 hp. e. Skinr; 450 hp. b. Gem City; buys energy from Western Colorado Pwr. Co.; 44 transf. G. E. Westg. tot. 388 kw.

City cont. 50 G. E. series arcs 750 w. $60 per yr; 40 incs. 60 w; moonlt.

D L S 3 ★125

**STEAMBOAT SPRINGS**, 1,227—The Steamboat Service Co. Cap. $50,000; bds. $40,000.

Pres. W. F. Swan.............Biloxi, Miss.
V. Pres. Henry Swan...............Denver
Sec. Treas. & Mgr.
W. E. Carver...... ..... Steamboat Springs
*Supt. & Engr. Pwr. Sta.
W. L. Carver.................... "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 118 v. 60 cys; a. c. day (special) & nt. mo. cir. 220-110 v. s ph. 60 cys; 250 hp. e. Sknr; 200 hp. b. Kew.

City cont. 6 a. c. G. E. series arcs 6.6 amp. $96 per yr; 45 series incs. G. E. 32 to 200 c. p. $32 per mo. per kw; all nt; coal $2.25.

L S 1 3 ✠ 125

**STERLING**, 3,044—The Sterling Consolidated Elec. Co. (Owns and controls Sterling Public Service Co.): cap. outstg. $80,000; bds. $17,000.

Pres. E. M. Gillette................Sterling
V. Pres. John Lutin................ "
*Sec. & Mgr. H. L. Titus.......... "
Treas. H. M. Krall.................. "
Audr. R. J. Wallace.............. Denver
Engr. Pwr. Sta L. M. Thomas ..Sterling

3 a. c. Allis C., West. 475 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 750 hp. e. Ideal, Chuse; 700 hp. b. Heine, Murray; also 10 ton ice plant (York.)

City cont. 50 type "C" lamps 400 c. p. $85 per yr; all nt; lignite $2.45.

D I L S 1 3 ✠ ★125

**SUGAR CITY**, 808—Ordway Elec. Lt. & Pwr. Co. See Ordway.

Energy from Rocky Ford plant of Arkansas Valley Ry., Lt. & Pwr. Co.; a.c. ltg. cir; a. c. day & nt. mo. cir. 220 440 v. 3 ph. 60 cys.

City cont. 26 incs. 6.6 amp. 80 c.p; all nt.

L 3 15

**TELLURIDE**, 1,650—Western Colorado Pwr. Co. See Montrose.

a.c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 11,000-220-110 v. 3 ph. 60 cys.

D L 3 35

**TRINIDAD,** 10,204—The Trinidad Elec. Trans. Ry. & Gas Co. (Controlled by Federal Lt. & Trac. Co. through ownership of all stock and bonds); cap. stock $3,000,300; bds. outstg. $2,435,000.

Pres. E. N. Sanderson.... 60 Broadway
V. Pres. & Treas. New York
J. Dunhill.................. N. Y.
Sec. A. R. Marshall.......... “
Asst. Treas. H. J. Wightman...Trinidad
Gen. Mgr. Franklin P. Wood.... “

6 a. c. Westg., Allis-C. tot. 8000 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 800 kw. 550 v; trans. volt 22,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 6796 hp. b. A. & T, Franklin, Parker, Wickes; 8000 kw. turb. (stm.) Westg. Allis-C.

City cont. all nt. coal.

(Co. also lts. Aguilar, Walsenburg and several mining camps.)

C D G R S 3 ★16

**VICTOR,** 3,162—Arkansas Valley Ry., Lt. & Pwr. Co. For executive officers see Pueblo.

Supt. Chas. Neeley..................Victor

4 a. c. G. E. tot. 1600 kw. 22,000-600-440 220-116 v. 3 ph. 30 cys. direct connected to 2400 hp. wtr. wh. Pelton; a. c. day & nt. ltg. cir. 116 v. 30 cys; a. c. day & nt. pwr. cir. 440-220 v. 3 ph. 30 cys.

City cont. 132 Mazdas 100 & 250 w. $30 & $70 per yr; all nt.

D R W 3 ✣ 25

**WALSENBURG,** 2,423—Trinidad Elec. Trans. Ry. & Gas Co. See Trinidad.

**WRAY,** 1,000—The Wray Elec. Lt. & Pwr. Co.

Owners C. D. Pickett.............Wray
*W. D McGinnis.......... “
Engr. Pwr. Sta. E. P. Houck......... “

1 d. c. C.-W 90 kw: 120 hp e. cor; 125 hp. b. Kew; d. c. ltg. cir. 110 v.

City cont. 5 nitro. lamps 200 w. $7.50 per yr. and 45 tung. 40 w. $1.50 per yr; moonlt; coal $3.

C L S ✣ ★125

## CONNECTICUT.

**ANSONIA,** 15,152—Derby Gas Co. See Derby.

**AVON,** 1,337—Union Elec. Lt. & Pwr. Co. See Unionville.

**BALTIC,** 700—Baltic Mills Co.; cap. auth. $1,000,000.

Pres. & Treas. F. C. Sayles, Irvington, N. Y.
*V. Pres. & Sec. R. W. Sayles, Chestnut Hill, Mass.
Mgr. W. E. Peck....................Baltic

1 d.c. inc. Sprague 300 kw. 110 v; — hp. turb. Holyoke; — hp. b. A. & T. (Also lts. Sprague.)

Coal.

C L S W ★125

***BANTAM,** 400—Litchfield Elec. Lt. & Pwr. Co. See Litchfield.

**BERLIN,** 3,728—The United Elec. Lt. & Wtr. Co. See New Britian.

**BETHEL,** 3,792—Danbury & Bethel Gas & Elec. Lt. Co. See Danbury.

**BRANFORD.** 6,047—Housatonic Pwr. Co. (Branford Ltg. & Wtr. Dept.) For executive officers see New Haven.

Supt. A. S. Jourdan..............Branford
Ch. Engr. I. Chambers.......... “

1 a. c. G. E. 210 kw. 2200 v. 3 ph. 60 cys; 1 d. c. West. 275 kw. 550 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-2200 v. 3 ph. 60 cys; 775 hp. e. B. & W, H. O. & R.; 700 hp. b. Bass. Bigelow; energy from New Haven Sta. of Conn. Co; trans. volt. 11,000 v. 3 ph. 60 cys; 3 transf. West. tot. 225 kva. (ltg.); 1 rot. conv. G. E. 300 kw. (ry.)

City cont. 286 Mazdas 6.6 amp; all nt. (Also lts. Guilford, Short Beach and Stony Creek).

C D L S 1 3 ✣ 125

**BRIDGEPORT,** 102,054—The United Illuminating Co. Office, 115 Broad St.; gen. stas., 146 John St. and 46 Congress St. For executive officers see New Haven.

¶ Mgr. C. A. Paul..............Bridgeport
Cont. Agt. C. R. Beardsley.... “
Supt. F. W. Brierly............ “
Engr. Pwr. Sta. J. P. McCarthy “

4 a. c. G. E. tot. 5000 kw. 2300 v. 3 ph. 60 cys; 18 d. c. G. E. tot. 5000 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cyc; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; trans. volt. 5000 v. s. ph. 60 cys; 9 engines B. & W; 4 stm. turb. G. E; 5500 hp. b. Bab. & W.

City cont. 750 magn. arcs 1200 c.p. $71.17 per yr; 400 Mazdas 60 c.p. $23 per yr; all nt; coal $3.95. (Also lts. Stratford, Fairfield and Milford.)

C D L S 1 3 ✣ 75

**BRISTOL,** 13,502—Bristol & Plainville Tramway Co., 17 Riverside Ave.; cap. $375,000; bds. $540,000.

Chmn. Bd. C. H. Tenney
201 Devonshire St., Boston, Mass.
Pres. A. B. Tenney
201 Devonshire St., Boston, Mass.
V. Pres. D. Edgar Manson. “
Sec. & Treas. M. L. Tiffany.......Bristol
Gen. Mgrs. C. H. Tenney & Co.
201 Devonshire St., Boston, Mass.
*¶ Mgr. G. E. Cockings...........Bristol
Engr. Pwr. Sta. J. E. Burns....... “
Elecn. C. C. Michael............. “

2 a. c. G. E. tot. 1500 kw. 2200 v. s. p 60 cys; 2 d. c. G. E. tot. 190 kw. 110 v; 3 arc rect. G. E. 75 lt; a. c. & d. c. day & nt. ltg. cir. 110 v: d.c. pwr. cir. 550 v; 1500 hp. e. G. E; 1500 hp. b. Haz; 3 G. E. 450 kw. rot. conv; purchases energy from The Connecticut Pwr. Co; also stm. htg.

City cont. 149 arcs series incs. 4 amp. $80 per yr; 49 Mazdas 60 c. p. $20 per yr; all nt; coal $4.35. (Co. also lts. villages of Terryville, Plainville & Forestville.)

C D H R S 1 ✣ 15

**BROAD BROOK,** 1,200—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.

**BROOKFIELD,** 1,101 — Danbury & Bethel Gas & Elec. Lt. Co. See Danbury.

**BROOKLYN,** 1,858—The Danielson & Plainfield Gas & Elec. Co. See Plainfield.

**BURLINGTON,** 1,219—Union Elec. Lt. & Pwr. Co. See Unionville.

**CANAAN,** 974—The Connecticut Pwr. Co. For executive officers see New London.

Div. Mgr Henry E. Lyles.........Canaan
Engr. Pwr. Sta. L. E. Hester....... “

2 a. c. West. 300 kw. 6600-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a.c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 400 hp. e. Prov; 400 hp. b. Ames; 1000 hp. turb. Smith.

City cont. 2 arcs. 1200 c. p. $50 & $75 per yr; 216 incs. 16 & 20 c. p. $15 and $17 per yr; midnt. (Co. also lts. Norfolk and Sharon, and sells energy to Millerton (N. Y.) Elec. Lt. Co.)

D L S 1 3 ✣ 25

**CHESHIRE**, 1,988—The United Elec. Lt. & Wtr. Co. See Waterbury.

City cont. 68 incs.

L 16

**COLCHESTER**, 2,140—Colchester Elec. Lt. Co.; cap. $6,500.
Pres. & Treas. Arthur B. Lisle.. } 76 Westminster St., Providence, R.I.
*Sec. Abel Reynolds. " "
Mgr. Luther P. Perry......East Hampton
Supt. Jas. T. Sherlock..........Colchester

Purchases energy from East Haddam Elec. Lt. Co.; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 90 incs. 4 amp. $18 per yr; 1 A. M.

D L 3 ★125

**COLLINSVILLE**, 1,957—Union Elec. Lt. & Pwr. Co. See Unionville.

**COVENTRY**, 1,606 — The Rockville-Willimantic Ltg. Co. See Rockville.

**CROMWELL**, 2,031—The Connecticut Pwr. Co. See New London.

**DANBURY**, 23,502—Danbury & Bethel Gas & Elec. Lt. Co. (Controlled by Cities Service Co., 60 Wall St., New York City); cap. $400,000; bds. $150,000.
Pres. & Mgr. C. H. Merritt......Danbury
V. Pres. F. W. Frueauff..New York, N.Y.
*Sec. & Gen. Supt.
G. E. Cowperthwaite...........Danbury
Treas. A. N. Wildman............. "
Audr. Paul R. Jones....New York, N.Y.
Supt.Ovhd.Distrbn. Geo. Stubbs.Danbury

4 a.c. G. E. tot. 2050 kw. 2400 v. 3 ph. 60 cys; 1 rect. G. E. 75-lt; a.c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Bckye; 1750 hp. turb. stm. G. E; 1200 hp. b. Heine.

City cont. 61 arcs 6 amp., 403 incs. 50 w. and 47 magn. lamps 4 amp; moonlt; coal $4.27½. (Co. also lts. Bethel and Brookfield.)

D L S 3 ★16

**DANIELSON**, 2,934—The Danielson & Plainfield Gas & Elec. Co. See Plainfield.

**DARIEN**, 3,946—Stamford Gas & Elec. Co. See Stamford.

**DERBY**, 8,991—Derby Gas Co.
Pres. & Mgr. C.H. Nettleton..........Derby
V. Pres. Chas. F. Brooker........Ansonia
Sec. Geo. H. Scranton ................Derby
*Supt. Malcolm M. Eckhart....... "

4 a. c. G. E. tot. 1350 kw. 2080-440-104 v. s. & 3 ph. 60 cys; 8 rect. G. E. 50 lt; a. c. day cir. 105 v; pwr. cir. 440 v. 3 ph; 700 hp. e. R & S; 4000 kw. turb. (stm.) G. E. Curtis; 1200 hp. turb. (wtr.) Hol; 1800 hp. b. Bab. & W.

City cont. 58 arcs 400 w. $75 per yr; 53 incs. 32 c. p. $18 per yr; 20 incs. 60 c. p. $21 per yr; coal $4.25. (Co. also lts. Ansonia and Shelton.)

D L S W 1 3 ✣ 25

**DURHAM**, 997—The Connecticut Pwr. Co. See New London.

**EAST HADDAM**, 2,422—East Haddam Elec. Lt. Co. See East Hampton.

**EAST HAMPTON**, 3,000—East Haddam Elec. Lt. Co.
Sec. Abel Reynolds......Providence, R. I.
Treas. Arthur B. Lisle... " "
*Gen. Mgr. L. P. Perry ...East Hampton

Hydro-elec. plant on Salmon River at Leesville.

1 a. c. West. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 200 hp. turb. (wtr.) S. Morgan Smith; also purchases energy from Hartford Elec. Lt. Co., The Connecticut Pwr. Co., and New York Net & Twine Co., as occasion demands.

City cont. 400 incs. multiple 40 w; all nt. (Co. also lts. Haddam, East Haddam, Higganum, Cobalt, Glastonbury and Moodus; sells energy in bulk to Colchester Elec. Lt. Co.)

D L W 1 3 ✣ 36

**EAST HARTFORD**, 8,138—The Hartford Elec. Lt. Co. See Hartford.

**EAST HAVEN**, 1,795—The United Illuminating Co. See New Haven.

**EAST NORWALK**, 4,000—Munic. Elec. Ltg. System, 4 Seaview Ave.; cost $17,000.
Comrs. { *Chmn. E. E. Mead . E. Norwalk
Wm. H. Snifton.... "
E. E. Howard...... "
Supt. R. S. Macey............... "
Engr.Pwr.Sta. Howard E. Mead "

Purchases energy: 8 transf. G. E. tot. 27 kw; 2 mo.-gen. Ft. W. tot. 50 kw; 2 a. c. Wood system tot. 50 kw. 1100 v. s. ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 220 v. 2 w; a. c. & d. c. day & nt. ltg. cir. 110 v; 2 Huttinger gas engines and prod.

200 city Tung. 5.5 amp. 32 c. p. $17.50 per yr; moonlt.

C D G L 1 ✣ ★115w

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The United Elec. Lt. & Wtr. Co. See So. Norwalk.

**ELLINGTON**, 1,829 — The Rockville-Willimantic Ltg. Co. See Rockville.

**FAIRFIELD**, 6,134—The United Illg. Co. See Bridgeport.

**FALLS VILLAGE**, 500—The Connecticut Pwr. Co. See New London.

3-5000 hp. horizontal wtr. wheels W. S. M.

L W X 34

**FARMINGTON**, 3,478 — Union Elec. Lt. & Pwr. Co. See Unionville.

**FORESTVILLE**, 1,700—Bristol & Plainville Tramway Co. See Bristol.

**GAYLORDSVILLE**, 301 — The New Milford Pwr. Co. (Controlled by Housatonic Pwr. Co., which see for executive officers); cap. auth. & pd. in $1,000,000; bds. auth. & issued $1,000,000, 5 p. c. int.
Supt. Frederick Miles......Gaylordsville

6 a. c. G. E. tot. 6000 kw. 1150 v. 3 ph. 60 cys; day & nt. service; 9 transformers G. E. tot 5850 kw; 11,400 hp. wtr. wh. Smith; 60 miles 33,000 v. trans. and 8 miles 11,000 v. trans.

(Furnishes power only.)

T W 3 125

**GLASTONBURY**, 4,769 — East Haddam Elec. Lt. Co. See East Hampton.

**GREENWICH**, 3,886—The United Elec. Lt. & Wtr. Co. (Greenwich Dist.) See Waterbury.
Supt. J. T. Shannon...........Greenwich

Purchases energy at the bus bars of the substation, Greenwich, which is owned and operated by the Housatonic Pwr. Co., New Haven; 3 mo. gen. G. E. & Westg. 1300 kw. 2300 v. 3 ph. 60 cys.

City cont. 57 arcs; 571 incs. 25 c.p; all nt.

L 3 16

**GROSVENOR DALE**, 1,000—Putnam Lt. & Pwr. Co. See Putnam.

**GROTON,** 1,895—Munic. Elec. Lt. Plant. (Plants located in Groton & Poquonock); cost $200,000; bds. $225,000.
Sec. W. F. Needham..............Groton
Treas. H. E. Marquardt..........“
*¶Mgr. E. R. Gorman..............“
Ch. Engr. F. D. Allen..............“

3 a. c. Westg. C-W, tot. 1575 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Harris, Cor; 2150 kw. stm. turb. Parsons; 80 hp. e. (gas) Westg; 600 hp. b. Kendall.

150 city Mazdas 50 w. $17 per yr; all nt; coal $3.30. (Co. also lts. Poquonock).
D G L S 3 ✠ ★125

**GUILFORD,** 3,001—Housatonic Pwr. Co. (Branford Div.) See Branford.

**HADDAM,** 1,958—East Haddam Elec. Lt. Co. See East Hampton.

**HAMDEN,** 5,850—The United Illg. Co. See New Haven.

**HARTFORD,** 100,000—The Hartford Elec. Lt. Co. 266 Pearl St. (Leases Farmington River Pwr. Co.); cap. auth. $3,600,000; no bds.
Pres. ————....................Hartford
V. Pres. Samuel Ferguson .....“
Sec. John E. Lynch..............“
Asst. Sec. F. A. Isleib............“
Treas. D. N. Barney..............“
Asst. Treas. E. S. Nutting.......“
Cashier L. D. Way........... ..“
*Gen. Mgr. E. F. Lawton........“
Mgr. Appl. Dept. R. D. Cutler...“
Mgr. Bat. Dept. W. M. Thayer..“
Mgr. Cont. Dept. Geo. H. Allen..“
Asst. Mgr. A. D. Colvin..........“
Supt. Distribution, C. M. Yale...Hartford
Supt. Pwr. F. M. Wilbraham....“
Supt. Ltg. F. W. Prince..........“
Engr. R. B. Kellogg...............“

11 a. c. Westg. G. E. tot. 23,700 kw. 11,000-2400-500 v. 2 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 220 v; 28,000 hp. stm. turb. G. E. Westg; 7500 hp. b. Big-Hornsby; 3200 hp. turb. (wtr.) Jolly, Hunt.

City cont. 571 series Mazdas 700 c. p. $55 & $60 per yr.; 1743 series Mazdas 125 c. p. $17 (overhead) & $22 (underground) per yr; 477 series Mazdas 300 c. p. $80 (double standards) & $55 (single standards) per yr; all nt; coal $3.47. (Also lts. East Hartford, West Hartford, Rocky Hill, Tariffville, Windsor and Wethersfield; supplies energy to Connecticut Co. New Britain, South Manchester Lt., Pwr. & Tramway Co., East Haddam Elec. Lt. Co., Simsbury Elec. Co. and Union Elec. Lt. Co.)

*TARIFFVILLE STATION (water).*
2 a. c. Westg. 1500 kw. 500 v; — hp. turb. S. B.

*DUTCH POINT STATION. (steam).*
4 Westg. Parson turbo-gen. tot. 7000 kw. and 3 G. E. Curtis turbo-gen. tot. 14,000 kw. 11,000-2400-500 v. 2 ph. 60 cys; 7500 hp. b. Big-Hornsby.

*PEARL STREET STATION (distributing.)*
3 Westg. rotary transformers 1800 kw. 220 v. 2 ph. 60 cys.

*STATE STREET STATION (distributing.)*
3 Westg. rotary transformers 1050 kw. 220 v. 2 ph.

*MAIN ST. (sub-station).*
1 Westg. rotary transformer 250 kw. 250 v. 2 ph. 60 cys; 1 a. c. Westg. mo. gen. 200 kva. a. c. 2400 v. 2 ph. 60 cys. d c. 250 v.
C D L S W 2 ✠ 125

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Farmington River Power Co. (Office 847 Main St. (Leased by The Hartford Elec. Lt. Co.) Pwr. plant at Poquonock; cap. auth. & issued $150,000.
Pres. & Treas. E. B. Bennett....Hartford
Sec. James Terry..................“
Asst. Sec. Henry Roberts.........“
Mgr. Frank E. Clark..........Poquonock

2 a. c. Westg. tot. 1200 kw. 40,000-500 v. 2 ph. 60 cys; pwr. cir. 10,000 v; 1600 hp. turb. Jolly Hunt. (Furnishes 1,000 hp. to Hartford Elec. Lt. Co.)
T W 2 15

**JEWETT CITY,** 3,023—Munic. Elec. Ltg. System; cost $15,000; bds. $15,000.
*¶ Mgr. & Supt. Edw. Rousseau
Jewett City

Purchases energy from The Danielson & Plainfield Gas & Elec. Co.; 3 transf. G. E. tot. 60 kw; a. c. day & nt. ltg. cir. 110 v. s. ph. 60 cys.

140 city series Mazdas 60 c. p.
D L 1 16

**LAKEVILLE,** 1,000—The Connecticut Power Co. See New London.

**LEBANON,** 1,528—The Rockville-Willimantic Ltg. Co. See Willimantic.

**LITCHFIELD,** 3,005—Litchfield Elec. Lt. & Pwr. Co. (Power plants in Bantam & Washington; controls Washington Elec. Lt. Co. & Litchfield Gas Lt. Co.); cap. $100,000, bds. $40,000.
Pres. John L. Buel..............Litchfield
V. Pres. F. H. Blake............“
Sec. P. P. Hubbard..............“
Treas. C. H. Coit................“
*Mgr. A. J. Fromholtz..........“
¶ Pur. Agt. I. MacIntosh........“
Cont. Agt. Travis H. Ganung...“
Supt. H. B. Morse................“
Ch. Elecn. Ph. Hunt............“
Engr. Pwr. Sta. Curt Illig......“

3 a.c. G. E. tot. 900 kw. 2300-110 v. 3 ph. 60 cys; 1 rect. Westg. tot. 7½ kw; a.c. day cir. 110 v; a. c. pwr. cir. 2300 v; 900 hp. e. Bckye; 800 hp. turb. J. & W, Jolly Co; 1000 hp. b. Bab. & W.

City cont. 178 incs. 40 c. p. $18 per yr; 40 enc. arcs 1200 c. p. $45 per yr; moonlt; coal $4. (Also lts. Bantam, Morris and Washington.)
D L S W 3 ✠ 75

**LONG HILL,** 453—*Harry A. House.
2 d. c. West. 10 kw. 120 v; d. c. nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 115 v; 7 hp. gas e; 5 hp. turb. wtr. wh.

City cont. 45 tung. 40-150 w. gratis; kerosene oil engine auxil.
C G L W ✠ 25

**MANSFIELD,** 1,977—The Rockville-Willimantic Ltg. Co. See Willimantic.

**MERIDEN,** 32,066—The Meriden Elec. Lt. Co., 33 Colony St.; cap. $500,000.
Pres. C. F. Linsley...............Meriden
Sec. H. C Borthwick ..........“
*¶ Gen. Mgr. Chas. A. Learned.“
Engr. Pwr. Sta. J. W. Clark....“
Ch. Elecn. Herman Minkwitz..“

4 a. c. Bull. Westg. tot. 3300 kva. 2300 v. 2 ph. 60 cys; 2 d. c. Westg. 350 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v: a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 550 hp. e. Westg; 3750 kw. stm. turb. Allis C, Westg; 1900 hp b. Bigelow, Hornsby.

City cont. 213 arcs enc. 500 w. 7.5 amp. $90 per yr; 260 incs. 40 c p. 7.5 amp. 50 w. $20 per yr: all nt; coal $4.50.
C D L S 2 ✠ ★95

**MIDDLEFIELD,** 1,036—The Connecticut Pwr. Co. See New London.

**MIDDLETOWN,** 20,749—The Connecticut Pwr. Co. For officers, see New London.
Div. Mgr. Percy N. Golden...Middletown

3 a. c. Westg. 2250 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys;

a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 1600 hp. b. Bab. & W, Hazelton; 2500 kw. stm. turb. Westg.

City cont. 105 arcs G. E. enc. 450 w. $88 per yr; 359 incs. series Tung. 75 w. $18 per yr; all nt; coal $4.25.

D L S 2 ✣ 25

**MILFORD,** 4,366—The United Illuminating Co. See Bridgeport.

**MOODUS,** 1,217—East Haddam Elec. Lt. Co. See East Hampton.

**MOOSUP,** 1,500 — The Danielson & Plainfield Gas & Elec. Co. See Plainfield.

**MYSTIC,** 3,000—The Mystic Power Co. (Controlled by Westerly (R. I.) Lt. & Pwr. Co); cap. auth. $67,000; bds. $45,000, 5 & 6 p. c. int.

Pres. J. J. Bodell........Providence, R.I.
V. Pres. P. B. Simonds.. " "
Treas. F. B. Wilcox..... " "
Asst. Treas.
Frederick Bordell...... " "
Mgr. & Cont. Agt.
M. H. Spellman.........Westerly, R. I.
Local Supt. George McKenzie....Mystic

Energy from Westerly 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; mo. cir. 550 v.

City cont. 350 incs. 40 w. $15 per yr; 6 3-lt. clusters 100 c. p. Mazdas $54 per cluster per yr; all nt. (Co. also lts. Pawcatuck (140 Mazdas 60 w. $18 per yr.), and Stonington, Old Mystic, West Mystic, Lords Point, Willow Point and Noank.)

D L 3 125

**NAUGATUCK,** 12,722 — The United Elec. Lt. & Wtr. Co. (Naugatuck Dist.) For officers see Waterbury.

Supt. W. T. Pratt...............Naugatuck

Purchases energy from the Housatonic Pwr. Co., whose main office is in New Haven. Purchases gas from the Waterbury Gas Lt. Co., Waterbury.

City cont. 76 arcs and 175 incs.

L 16

**NEW BRITAIN,** 43,916—The United Elec. Lt. & Wtr. Co. (New Britain Dist.). For officers see Waterbury.

Supt. G. F. Atwater.........New Britain

4 G. E. tub. transf. 500 kw: a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 214 v. s. & 3 ph. Purchases all power at the feeder terminals of the sub-station, 2300 v. 3 ph. 60 cys. from the Housatonic Power Co.

Cities lighted: New Britain, Newington, Berlin, Plainville, Plantsville, Southington and Kensington.

City contracts:—New Britain 185 enc. arcs 6.6 amp. $85 per yr; 530 Mazdas 60 c. p. 75 w. 6.6 amp. $20 per yr; Newington, 150 Mazdas 60 c. p. 75 w. 6.6 amp. $20 per yr; Plainville, 105 Mazdas 60 c. p. 75 w. 6.6 amp. $20 per yr; Berlin, 2 Mazdas 60 c. p. 75 w. 6.6 amp. $20 per yr; Southington, 193 Mazdas 60 c. p. 75 w. 6.6 amp. $20 per yr.

D L 1 3 16

**NEW CANAAN,** 3,667—The United Elec. Lt. & Wtr. Co. See So. Norwalk. City cont. 3 arcs; 110 incs. 20 c. p.

L 16

**NEW HAVEN,** 133,605—The United Illuminating Co., office, 128 Temple St. (Consolidation of the electric light interests of New Haven and Bridgeport and intermediate towns); cap. $1,800,000; bds. $1,000,000.

Pres. James English.........New Haven
V. Pres. A. B. Beers...........Bridgeport
Sec. & Treas. F. D. Adams...New Haven
*¶ Supt. R. A. Manwaring... "
Ch. Engr. G. L. Clock....... "

7 a. c. G. E. West. tot. 15,500 kw. 6600 & 2300 v. 3 ph. 60 cys; 24 d. c. G. E. tot. 4500 kw. 110-220 v; 22 rect. 4 & 6.6 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c.day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 110-220 v; 3000 hp. e. B. & W; 9400 hp. b. Bab. & W; 15,500 kw. turb. (stm.) West, G. E.

City cont. G.E. arcs magn. 4 amp; all nt; coal $4. (Also lts. Orange, Hamden, East Haven, North Haven and Woodbridge.)

C D L S 1 3 ✣ 125

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Housatonic Pwr. Co. (The N. Y., N. H. & H. R. R. Co. has transferred to the above company all the gas, electric light and power properties formerly operated by The Connecticut Co.); cap. $3,000,000.

Pres. E. G. Buckland ........New Haven
V. Pres. J. M. Tomlinson... "
Sec. A. E. Clark............... "
Treas. A. S. May.............. "
*Audr. I. A. May.............. "
¶ Pur. Agt. J. H. Sanford...... "
Ch. Engr. Pwr. & Equip.
P. W. Ripple................ "

Operates plants in Branford, Gaylordsville and Waterbury. All distribution lines in Waterbury, New Britain, Norwalk and Greenwich leased to United Elec Lt. & Wtr. Co.; also gas works at Norwalk and pipe lines in Greenwich.

N ✣ ★125

**NEWINGTON,** 1,689—The United Elec. Lt. & Wtr. Co. See New Britain.

**NEW LONDON,** 19,659—The Connecticut Power Co. (Acquired by consolidation the properties formerly owned by The New London Gas & Elec. Co. and the Middletown Elec. Lt. Co., and does the entire gas, electric lighting and commercial power business in New London and the entire electric lighting and commercial power business in Middletown, Middlefield, Durham, Portland, Cromwell, North Canaan, Norfolk, Sharon, Salisbury, Lakeville, Lime Rock and Falls Village. Operates under lease the Thomaston Elec. Lt. Co., which serves Thomaston and vicinity.) (Generating stas. (tot. cap. 14,245 kw.) at Thomaston, New London, Middletown, Canaan and on Housatonic River at Great Falls, Falls Village (initial cap. 12,000 hp., ultimate cap. approximately 16,000 hp.); cap. stk (pfrd.) $1,250,000, (com.) $1,000,000; bds. $1,300,000.

Pres. Frederick P. Royce..Boston, Mass.
V. Prests.
Winthrop G. Bushnell, New Haven
Guy L. Weymouth, Boston, Mass.
Sec. William T. Crawford.. "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster
Mgt. Assn...147 Milk St., "
Mgrs.
(New London Div.)
Viggo E. Bird.....New London
(Middletown Div.)
Percy N. Golden ...Middletown
(Housatonic Div.)
Henry E. Lyles.........Canaan

3 a.c. G. E. tot. 2290 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; pwr. cir. 550-220-110 v; 900 hp. e. Bolt & Wood; 1750 hp. stm. turb. G. E; 1700 hp. b. Bab. & W.

City cont. 171 arcs a. c. series 6.6 amp. $77.50 per yr; 54 flam. arcs 10 amp. $94; 393 incs. 40 c. p. 6.6 amp. $19 50 per yr; all nt; coal, bituminous and anthracite screenings, $3.78 and $2.68. (Sells energy to East Haddam Elec. Lt. Co., Torrington Elec. Lt. Co and Bristol & Plainville Tramway Co.)

D L S W 3 25

**NEW MILFORD**, 5,010—New Milford Elec. Lt. Co.; cap. $100,000; bds. $100,000.
Pres. Verton P. Staub......New Milford
*Sec. & Treas. E. J. Emmons "
Supt. J. Searles Pinney........ "
Purchases energy from Housatonic Pwr. Co.; trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 25 arcs. 1200 c. p. $90 per yr; moonlt; coal $4.
D L 1 3 ✠ 125

**NOANK**, 1,525—The Mystic Pwr. Co. See Mystic.

**NORFOLK**, 1,541 — The Connecticut Pwr. Co. See Canaan.
Mgr. Thos. J. McEnroe ........Norfolk
L 25

**NORTH GROSVENOR DALE**, 2,700 —Putnam Lt. & Pwr. Co. See Putnam.

**NORTH HAVEN**, 2,254—The United Illg. Co. See New Haven.

**NORWALK**, 6,954—The United Elec. Lt. & Wtr. Co. See So. Norwalk.
City cont. 93 arcs; 88 incs. 32 c. p; 17 incs. 25 c. p.
L 125

**NORWICH**, 28,219—Munic. Gas & Elec. Plant, office, 231 Main St.; cost $650,000; bds. $400,000.
Comrs. Chmn. J. J. Donahue..Norwich
Daniel E. Shea......... "
Secretary Archibald S. Spaulding "
Chas. E. Whitaker..... "
David S. Gilmour...... "
Cashier & Audr. Frederic T. Maples............ "
*Mgr. & Supt. Stephen J. Kehoe "
Engr. Pwr. Sta. R. B. Mather, Cliff St., "
4 a. c. G. E. tot. 3390 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-500 v. 2 ph. 60 cys; 960 hp. e. Bass, H. F. & M, W-C; 1157 hp. b. Bab. & W, Heine; 2 steam turb. 2750 kw. G. E; also purchases energy from Uncas Pwr. Co., Scotland; 4 transf. G. E. 1200 kw.
City cont. 278 arcs a. c. enc. 6.6 amp. $54.55 per yr; 346 series Tung. 75 w. $7.70 per yr; all nt; coal and coke $3.35. (Also lts. Greenville and Yantic.)
D L S 2 ★125

**OAKVILLE**, 550—The United Elec. Lt. & Wtr. Co. See Waterbury.
City cont. 43 incs.
L 16

**ORANGE**, 11,272—The United Illg. Co. See New Haven.

**PLAINFIELD**, 6,719—The Danielson & Plainfield Gas & Elec. Co.; cap. $262,500 (preferred $150,000, common $112,500.)
Pres. J. W. Dobbie........Webster, Mass.
¶ V. Pres. & Mgr. Herbert S. Shaw......... "
Sec. & Treas. Nathan D. Prince. Danielson
*Supt. J. H. Burdick............ "
Engr. Pwr. Sta. C. E. Blakley..Plainfield
3 a. c. G. E. tot. 1,600 kw. 2300 v. 3 ph. 60 cys; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph 60 cys; 1600 kw. stm. turb. G. E; 1200 hp. b. Stewart.
City cont. 2 Mazdas "C" 350 c. p. $50 per yr; 360 Mazdas 60 & 80 c. p. $15 & $22.50 per yr; coal $4.20. (Co. also lts. Danielson, Williamsville, Dayville, Wauregan, Central Village, Brooklyn and Moosup; sells energy in bulk to Jewett City.)
D L S 1 3 125

**PLAINVILLE**, 2,852—The United Elec. Lt. & Wtr. Co. See New Britain.

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Bristol & Plainville Tramway Co. See. Bristol.

**PLANTSVILLE**, 1,500 — The United Elec. Lt. & Wtr. Co. See New Britain.

**POMFRET**, 1,857—Putnam Lt. & Pwr. Co. See Putnam.

**POQUONOCK**, 1,012—See Groton.

**PORTLAND**, 3,425—The Connecticut Pwr. Co. See New London.

**PUTNAM**, 7,280—Putnam Lt. & Pwr. Co.; cap. $50,000; bds. $23,400.
Pres. G. A. Hammond............Putnam
V. Pres. Allen W. Bowen........ "
Sec. & Treas. A. B. Lisle, Providence, R. I.
*¶ Mgr. & Supt. R. E. Thurston. Putnam
Ch. Engr. A. Dupre.............. "
Ch. Elecn. John B. Daigle........ "
4 a.c. G.E. tot. 1,000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 285 hp. e. St. Line, H. M. & B; 1000 hp. stm. turb; 1275 hp. b. Kendell, Dillon; 600 hp. wtr. wh. Morgan, Smith.
City cont 316 Tung. 75w. $16.34 per yr; 8 Tung. 350 c.p. $81.70; moonlt; all nt. & 1 A.M; coal. (Co. also lts. Pomfret, Thompson, South Woodstock, Woodstock, Mechanicsville, Grosvenor Dale, North Grosvenor Dale and Abington.)
D L S W 3 ✠ 125

**RIDGEFIELD**, 3,118—The Ridgefield Elec. Co.; cap. auth. $45,000.
Pres. H. B. Anderson...New York, N.Y.
V. Pres. Geo. P. Ingersoll......Ridgefield
*Sec. H. P. Bissell.............. "
Treas. Dr. R. W. Lowe........ "
¶ Supt. & Cont. Agt. Geo. Kirk "
Engr. Pwr. Sta. John Richards "
3 a.c. West. tot. 275 kw. 2300-113 v. 3 ph. 60 cys; a.c. day & nt. ltg. 115 v; a.c. day & nt mo. cir. 220-110 v. s. & 3 ph. 60 cys; 375 hp. e. Ames, B. & W; 250 hp. b. Ames.
City cont. 75 incs. 32 c. p. $20 per yr; mdnt; coal $3.95.
D L S 1 3 22

**ROCKVILLE**, 7,977 — The Rockville-Willimantic Ltg. Co. See Willimantic.
Cont. Agt. M. J. Cullen.........Rockville
Engr. Pwr. Sta. Howard Barber. "
1 a. c. 150 kw. 2300 v. 3 ph. 60 cys: a. c. day ltg. cir. 110 v; a. c. pwr. cir. 220-110 v. s. & 3 ph. 60 cys; 250 hp. e. B. & W; 300 hp. b. Stir; also purchases energy from Uncas Pwr. Co., Scotland; 3 transf. G. E. 300 kw; 23,000 v. trans. 3 ph. 60 cys.
City cont. 74 arcs enc. 7.5 amp. $75 per yr; 107 incs. 40 c. p. 50 w. $18 per yr; moonlt. 1 A.M: coal $4.66. (This district also lts. Coventry, Ellington and Vernon.)
D L S 1 3 15

**ROCKY HILL**, 1,187 — The Hartford Elec. Lt. Co. See Hartford.

**SALISBURY**, 3,522—The Connecticut Pwr. Co. See New London.

**SCOTLAND**, 76—The Uncas Pwr. Co. Office, Rm. 45, Central Bldg., Norwich.
Pres. Henry N. Sweet........Boston, Mass.
Sec. & Treas. George E. Davis.......... "
*¶ Supt. Joshua Sangster, R. F. D. No. 2, Willimantic

3 a. c. G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; trans. at 23,000 v. 3 ph. to Norwich where it is stepped down to 2200 v. 2 ph; 3 twin wtr. wh. Smith 2000 hp. (Co. also transmits pwr. to Willimantic, Stafford Springs and Rockville.)
T W 2 3 125

**SEYMOUR**, 4,786—Seymour Elec. Lt. Co. (Controlled by Atlantic Pwr. & Lt. Corpn., 14 Wall St., New York, N. Y.) cap. auth. $100,000.
Pres. Milton Jones Warner......Branford
Sec. I. W. Day....100 Broadway, New York, N. Y.
Treas. C. L. Campbell..........Waterbury
Supt. W. T. Pratt..............Naugatuck

Energy purchased from The United Elec. Lt. & Wtr. Co.

City cont. 40 arcs T-H. 6.6 amp. $70 per yr; 110 incs. T-H. & Ed. 3.5 amp. $16 per yr; 12:45 A. M.; moonlt.
L 16

**SHARON**, 1,880—The Connecticut Pwr. Co. See Canaan.

**SHELTON**, 4,807—Derby Gas Co. See Derby.

**SIMSBURY**, 2,537—Simsbury Elec. Co.; cap. auth. & pd. in $10,000, 6 p. c. div; no bds.
Pres. A. T. Pattison.............Simsbury
*Sec. Robt. Darling.............. "
Treas. J. R. Ensign............. "

Energy purchased from The Hartford Elec. Lt. Co.; a. c. day cir. 110-220 v. 60 cys.
D L X 15

**SOMERS**, 1,653—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.

**SOUTHINGTON**, 6,516 — The United Elec. Lt. & Wtr. Co. See New Britain.

**SOUTH MANCHESTER**, 8,500—The So. Manchester Lt., Pwr. & Tramway Co.; cap. $100,000; no bds.
*Pres. & Mgr. Frank Cheney, Jr. So. Manchester
¶ Sec. C. H. Cheney........ "
Treas. Chas. Cheney......... "
Supt. & Ch. Elecn. L. N. Heebner, So. Manchester

Energy purchased from Hartford Elec. Lt. Co. and Cheney Bros.; 6 transf. West. tot. 450 kw; trans. volt. 2400-1200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 120-240 v. s. & 3 ph. 60 cys.

City cont. 1021 series incs. 38.1 w. $11 per yr., 8 series Mazdas 63 w. $14 per yr. and 177 multiple Mazdas 60 w. $12 per yr; moonlt. 1 mult. incs. 40 w. $24 per yr. all nt.
D L 1 3 ✠ 16

**SOUTH NORWALK**, 11,000—Munic. Elec. Lt. Plant; cost $208,415.30.
Pres. Frederick Hunkemeier..So. Norwalk
Sec. Patrick F. Brophy....... "
Treas. Thos. Robins......... "
*¶ Mgr. & Supt.
A. E. Winchester......... "
Cashier, W. H. Dieringer... "
Ch. Engr. W. H. Mosher... "
Ch. Elecn. R. W. Bray..... "

8 d. c. S-H, Eddy, Ft. W. tot. 885 kw. 270-220 v; 1 d.c. arc G. E. 130 lt; d.c. day & nt. ltg. cir. 220 v; d. c. day & nt. mo. cir. 220 v; 655 hp. e. Watertn; 675 hp.e. (oil) Busch-Sulzer Bros. Diesel; 500 hp.b. H. F. & M, Watertn; 1 mo. gen. G. E. 50 kw; 1 elec. stor. bat.

39 city arcs enc. series 385 w. $54 per yr; 373 Mazda series 80 c. p. $10.80 per yr; all nt; coal $3.40 to $3.50 & oil 3 to 6 cts. per gal.
C D G L S ✠ 125

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The United Elec. Lt. & Wtr. Co. (South Norwalk Dist.) For officers, see Waterbury. Purchases all the power at the switchboard of the power house at Norwalk from the Housatonic Pwr. Co., whose main office is in New Haven.
Supt. B. H. Gardner.......South Norwalk
Asst. Supt. L. A. Smith...........Norwalk

(Also lts. Norwalk, East Norwalk, New Canaan and Wilton, and sells d. c. energy in bulk to The Connecticut Co. for st. ry.)
C L ✠ ★16

**SOUTH WINDSOR**, 2,251—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.

**SPRAGUE**, 2,551—Baltic Mills Co. See Baltic.

**STAFFORD**, 5,233—The Rockville-Willimantic Ltg. Co. See Willimantic.

**STAFFORD SPRINGS**, 3,059 — The Rockville-Willimantic Ltg. Co. See Willimantic.
¶ Mgr. Wm. M. Lewis..........Rockville
Engr. Pwr. Sta. John Hancock Stafford Springs

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; trans. volt. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 125 hp. e. B. & W; 125 hp. turb. Jolly; 150 hp. b. Bigelow; energy also supplied by the Uncas Pwr. Co. at Scotland; 3 transf. 300 kw. G. E.

City cont. 2 arcs 6.6 amp. $10.73 per mo; 5 arcs 6 amp. $38.17 per mo; 75 incs. $75 per mo; 13 incs. Tung. 40 c. p. $15.22 per mo; 1 Tung. 60 c. p. $1.30 per mo; mdnt; all nt.; coal $5.50. (This district also lts. Crystal Lake & Staffordville.)
D L S W 1 3 ✠ 15

**STAMFORD**, 28,836—Stamford Gas & Elec. Co.; cap. outstanding $700.000; bds. outstanding $300,000; convertible debentures $300,000.
Pres. Walton Ferguson.........Stamford
V. Pres. & Mgr. Alfred W. Dater "
Sec. Chas. H. Lounsbury ....... "
Treas. W. L. Baldwin........... "
*Supt. G. B. Leland............. "

4 a. c. G. E. West. tot. 4500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys; 750 hp. e. Bass; 4000 kw. stm. turb. G. E. West; 2172 hp. b. Bab. & W.

City cont. 120 magn. arcs 6.6 amp. $80 per yr; 1130 incs. 60 c.p. $18 per yr; all nt; coal $3.60. (Co. also lts. Glenbrook, Darien, Springdale and Noroton.)
D L S 1 3 125

**STONY CREEK**, 1,010 — Housatonic Pwr. Co. (Branford Dist.) See Branford.

**STONINGTON**, 9,154—Mystic Pwr. Co. See Mystic.

**STRATFORD**, 5,712—The United Illuminating Co. See Bridgeport.

**SUFFIELD**, 3,800—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.

***TARIFFVILLE**, 500—The Hartford Elec. Lt. Co. See Hartford.

**TERRYVILLE**, 1,575—Bristol & Plainville Tramway Co. See Bristol.

**THOMASTON**, 3,533—The Connecticut Pwr. Co. (Operates under 999-year lease the plant of the Thomaston Elec. Lt. Co.) For officers, see New London.

1 a. c. G. E. 100 kw. 2000-110 v. 3 ph. — cys; 125 hp. e. A. & S; 250 hp. b. Bigelow

City cont. 32 arcs 1800 c. p. $65 per yr; 17 series incs. 60 c. p. $21 per yr; moonlt. mdnt.
L S 3 74

**THOMPSON,** 4,804—Putnam Lt. & Pwr. Co. See Putnam.

**THOMPSONVILLE,** 10,000—The Northern Conn. Lt. & Pwr. Co. Office, 15 Central St. Pwr. sta. at Windsor Locks., which see for equipment.
Pres. Harrison B. Freeman { 50 State St.
V. Pres. B. Loomis, Jr. { Hartford
Sec. S. N. Dunning.......... "
Treas. Jas. A. Turnbell...Windsor Locks
*¶Gen. Mgr.
Walter P. Schwabe.....Thompsonville
Purchases energy from Agawam Elec. Co; 3 transf. G. E. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 525 Tung. series 32 & 60 c. p. $15 & $24 per yr; all nt. (Also lts. Suffield, Hazardville, Somers, Broad Brook, Warehouse Point, Windsor Locks and So. Windsor.)
D L 1 3 125

**TOLLAND,** 1,126—The Rockville-Willimantic Ltg. Co. See Willimantic.

**TORRINGTON,** 16,840—The Torrington Elec. Lt. Co. Office, 69 Water St.; cap. outstg. $500,000.
Pres. John Workman.........Torrington
Sec. F. F. Fuessenich.......... "
Treas. F. M. Travis............. "
¶ Mgr. C. E. Smith............. "
*Supt. A. J. Breckenridge..... "
3 turbo.-gen. West. 2625 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2500 hp. b. Beach; also purchases energy from The Connecticut Pwr. Co.; 6 transf. West tot. 6000 kva.
City cont. 400 Mazdas "C" 100 c. p. $24 per yr; mdnt.; coal.
D L S 3 16

**UNIONVILLE,** 1,868—The Union Elec. Lt. & Pwr. Co.; cap. $225,000; bds. $100,000.
Pres. Edward H. Deming....Farmington
Sec. Wm. A. Hitchcock..... "
Treas. & Mgr. Chas. G. Bill,
1 Sycamore Lane, Hartford
Audr. Eugene C. Heacox......Unionville
*¶ Supt. Chas. E. Hanny...... "
Engr. Pwr. Sta. John F. Williams "
4 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 360 hp. e. Ames; 350 hp. wtr. wh. Hunt; 300 hp. b. Dillon; also purchases energy from The Hartford Elec. Lt. Co.; trans. volt. 22,000 v. 3 ph. 60 cys; 2 transf. G. E. tot. 1200 kva.
City cont. 356 Mazdas 60 w. $17.50 per yr; all nt. (Also lts. Farmington, Canton Center, Collinsville, Avon and Burlington.)
D L S W 1 3 ✣ 125

**VERNON,** 9,087—The Rockville Willimantic Ltg. Co. See Rockville.

**VERSAILLES,** 400—Totokett Mfg. Co
Pres. C. H. Frisbie..............Norwich
Treas. J. T. Almy.............. "
*¶ Supt. C. W. Perkins..........Versailles
Engr. Pwr. Sta. C. H. Sengman.. "
1 a. c. Westg. 50 kw. 2400 v. 3 ph. 60 cys; 2 d. c. G. E. 65 kw. 125 v; a. c. day & nt. ltg. cir. 125 v. 60 cys; d. c. day & nt. ltg. cir; 700 hp. e. Cor, Harrisb; 500 hp. b. Dillon; 700 hp. wtr. wheels, Holyoke.
City cont. 52 arcs 5 amp; all nt; coal.
C D L S W 3 125

**WALLINGFORD,** 11,155—Munic. Elec. Lt. Plant, (Hydro-elec. sta. at North Haven; steam station at Wallingford); cost $160,000; bds. $55,000.
Pres. Fraray Hale..............Wallingford
Sec. Wm. E. Becroft......... "
Treas. C. E. Bellows.......... "
*¶ Mgr., Cont. Agt. &
Ch. Engr. A. L. Pierce...... "
Engr. Pwr. Sta.
F. J. Chatfield............... "
4 a. c. Stan. tot. 600 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 800 hp. e. Harrisb. Watertn; 625 kva. stm turb. G. E, Curtis; 700 hp. b. Delaney, Bigelow, Porcupine.
189 city Mazdas 100 w. $18 per yr; 32 Mazdas 250 w. $36 per yr; 8 Mazdas 400 w. $80 per yr; 26 4-lt clusters Mazdas 100 w. $80 per yr; all nt; 64 Mazdas 40 w. $40 per yr; moonlt. 1 A. M; coal $4.05.
D L S W 1 2 ★16

**WAREHOUSE POINT,** 1,000—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.

**WASHINGTON,** 1,747—Litchfield Elec. Lt. & Pwr. Co. See Litchfield.

**WATERBURY,** 73,141—The United Elec. Lt. & Water Co., 111 West Main St. (Operates under a 999-year sublease from N. Y., N. H. & H. R. R., the electric light and gas properties owned by the Connecticut Ry. & Ltg. Co.) (Controlled by Atlantic Pwr. & Lt. Corpn., 14 Wall St., New York, N. Y.); cap. $888,000.
Pres. —— —— .................——
V. Prests. { Milton Jones Warner
30 Church St., New York, N. Y.
Wm. Loeb
120 B'way, New York, N. Y.
Sec. & Treas. I. W. Day
100 Broadway, New York, N. Y.
Conslt. Engr. Geo. H. Walbridge
14 Wall St., New York, N. Y.
¶ Asst. Sec. & Treas.
C. L. Campbell..............Waterbury
*Gen. Mgr. Alex. J. Campbell.. "
Sales Mgr. B. H. Gardner.........Norwalk
Engr. D. B. Neth...............Waterbury
Buys all energy from Housatonic Pwr. Co. and leases this company's distribution lines in Waterbury, New Britain, Norwalk and Greenwich; also distributes in Naugatuck, Cheshire, Watertown, Southington, Plainville, Berlin, Newington, So. Norwalk, E. Norwalk, New Canaan, Rowayton, Seymour, Oakville and Wilton.

WATERBURY DIST.—
Supt. F. J. Lyon...............Waterbury
Sub sta.: 4 d. c. G. E. tot. 1200 kw. 250-125 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys.
City cont. 623 arcs; 74 incs.
C D N 3 ★16

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Housatonic Pwr. Co. See New Haven.
4 a. c. turbo-gen. Allis-C, G. E., West. tot. 10,000 kva. 2300 v. 3 ph. 60 cys; 6000 hp. b. Bigelow.
S T 3 125

**WATERTOWN,** 3,850—The United Elec. Lt. & Wtr. Co. See Waterbury.
City cont. 1 arc; 76 incs.
L 16

**WAUREGAN,** 1,100—The Danielson & Plainfield Gas & Elec. Co. See Plainfield.

**WEST HARTFORD,** 4,808—The Hartford Elec. Lt. Co. See Hartford.

**WESTPORT,** 4,259—Westport Wtr. Co; cap. $175,000; bds. $150,000.
Pres. E. G. Buckland..........New Haven
V. Pres. L. S. Storrs.......... "
Sec. A. A. Clark.............. "
Treas. A. S. May.............. "
¶ Pur. Agt. J. H. Sanford..... "

*Supt. Fred. B. Hubbell.........Westport
Engr. Pwr. Sta.
Adolph Bngman................ "
1 a. c. G. E. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; trans. volt. 4600 v. 3 ph. 60 cys; 200 hp. b. Big; 50 hp. turb. (wtr.) Leffel; also purchases energy from Housatonic Pwr. Co. 3 transf. Westg. tot. 150 kw.
City cont. 186 Mazdas 25 w. $12 per yr; moonlt; 1 a. m.; coal $4. (Also lts. Saugatuck & Greens Farms.)
D L S W 1 3 ✣ ★125

**WETHERSFIELD,** 3,148—The Hartford Elec. Lt. Co. See Hartford.

**WILLIAMANTIC,** 11,230—The Rockville-Willimantic Ltg. Co. Office, 850 Main St. (Merger of the Rockville Gas & Elec. Co., and the Willimantic Gas & Elec. Lt. Co.); cap. out-stdg. $528,000; bds. outstdg. $700,000.
Pres. Walter Learned........New London
V. Pres. H. C. Murray..........Willimantic
Sec., Treas. & Gen. Mgr.
Milton Jones Warner, 30 Church St.,
New York, N. Y.
*Supt. David Loree...........Willimantic
Cont. Agt. M. J. Cullen
Rockville-Willimantic
3 a. c. Westg. tot. 620 kw. 2300 v. 3 ph. 60 cys; trans. volt. 23,000 v. 3 ph. 60 cys; 3 arc 150 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. pwr. cir. 220-110 v. s. & 3 ph. 60 cys; 550 hp. b. Stir, Porcupine; 870 hp. e. Westg, Greene & Williams; 3 transf. G. E. 420 kw.
Energy is principally supplied by the Uncas Pwr. Co. at Scotland, trans. 23,000 v. 3 ph., supplying each of the companies' districts.
City cont. 100 arcs magn. 4 amp. $80 per yr; 100 Mazdas 50 w. $20.50 per yr; all nt; coal $4.50. (Co. also serves Rockville, Stafford Springs, Crystal Lake, Stafford, Coventry, Lebanon, Tolland, Mansfield, Eagleville, Storrs, So. Willington and Windham.)
D N S 1 3 15

**WILTON,** 1,706—The United Elec. Lt. & Wtr. Co. See Waterbury.

**WINDSOR,** 4,178—The Hartford Elec. Lt. Co. See Hartford.

**WINDSOR LOCKS,** 3,715—The Northern Conn. Lt. & Pwr. Co. See Thompsonville.
Asst. Supt. Pwr. & Distr.
H. H. Smith............Windsor Locks
4 a. c. Bull, C. W., tot. 655 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 112 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; trans. volt. 6600 v. 3 ph. 60 cys; 750 hp. e. Allis-C, Ball; 220 hp. turb. (wtr.) Hanover; 450 hp. b. Dillon.
City cont. 284 Tungsten series 25 c. p. $18 per yr; all nt; coal $4.50.
D L S W 1 3 125

**WINSTED,** 8,500—Winsted Gas Co.; cap. auth. $300,000, issued $245,000, 8 p. c. div.
*Pres. & Gen. Mgr.
Henry Skinner..................Winsted
Sec. F. M. Travis.............Torrington
¶ Treas. J. M. Travis......... "
1 a.c. — kw. 2300-110 v. 3 ph. 60 cys; 1 d.c. arc G. E. 150 lt. 4 amp; 200 kw. turb. (stm.) Curtis.
City cont. 75 arcs 1200 c. p. 4 amp. $79 per yr; 173 incs. 60 c. p. $17.50 per yr; all nt.
L S 3 ✣ 125

**WOODBURY,** 1,860—*Woodbury Elec. Co.; cap. auth. & pd. in $15,000.
Pres. Floyd F. Hitchcock......Woodbury
V. Pres. S. C. Tomlinson...... "
¶ Treas. & Mgr. E. S. Boyd.... "
Ch. Engr. & Elecn. Wm. P. Cahill "
2 a. c Warren tot. 62 kw. 2160-108 v. s. ph. 133 cys; no day cir; 75 hp. e. Orr & S; 70 hp. turb. Trump; 100 hp. b. Orr & S.
City cont. 70 incs. 20 c. p. $10.50 per yr; 1 A.M.
L S W 1 ✣ 33

**WOODSTOCK,** 1,849—Putnam Lt. & Pwr. Co. See Putnam.

## DELAWARE.

**BETHEL,** 370—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 26

**BLADES,** 150—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 26

**BRIDGEVILLE,** 939—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 220 v. 3 ph. 60 cys.
D L 3 26

**DELAWARE CITY,** 1,132—American Pwr. Co.; cap. $30,000; bds. $30,000.
Pres. H. C. Clark............Delaware City
Sec. & Treas. G. A. Clark... "
*Supt. N. A. Wilkinson..... "
Energy from Wilmington & Philadelphia Trac. Co. through Delaware Improvement Co; 3 a. c. F. M. & Co. 165 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 50 Tung. 100 w. (Co. also lts Fort Dupont.)
D L 1 3 ✣ ★95a

**DELMAR,** 959—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 26

**DOVER,** 4,000—Munic. Elec. Lt. Plant; bds. $42,000.
Pres. Bd. A. B. Magee..............Dover
Sec. E. P. Horsey.................. "
Treas. W. S. Haman................ "
*Supt. T. F. Cooke.................. "
Ch. Engr. A. L. Kichline........... "
Engrs. Pwr. Sta. { Chas. Dore....... "
N. D. Elliott..... "
3 a. c. Ft. W. Warren, tot. 450 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 370 hp. e. Harrisburg, Ball; 850 hp. b. Keeler.
150 city Mazdas 250-100-60-50 w. tot. $4,500 per yr.; moonlt; coal $4.25.
D L S 3 25

**GEORGETOWN,** 1,609—Eastern Shore Gas & Elec. Co. For executive officers, see Salisbury, Md.
Engr. Edw. C. Morris.........Georgetown
2 a. c. Warren tot. 60 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 160 hp. e. Fitch, Ball; 150 hp. b. Keeler.
Coal $4.90. (Trans. to Milton.)
D L S 1 ✣ ★26

**GREENWOOD,** 362—Greenwood Elec. Lt. Co; cost $3,200.
*Owner, C. F. Warrington....Greenwood
Supt. D. Blake, Jr............ "
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; no mo. cir; 80 hp. b. York.

City cont. 25 Tung. 60 c. p. $20 per yr; all nt; wood. (Will install new boiler.)
L S 3 ✠ §105

**HARRINGTON**, 1,500—The Phoenix Co; cap. outstg. $90,000; bds. $40,000.
Pres. J. M. Hope ....................Dover
V. Pres. Reynolds Clough.......... "
Sec., Treas. & Audr. Wm. M. Hope "
*¶Mgr. R. J. Hope..............Harrington
Engr. Pwr. Sta. Geo. Rombough "
2 a. c. Wood, Elec. Mch. tot. 155 kw. 2200 v. 2 & 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 60 hp. e. Erie: 75 hp. b. Erie; 30 hp. e. (gas) Ohio; 231 hp. wtr. wh. Leffel.
City cont. 308 Tung. 25 w. 68 cts. to $1 per yr; all nt. Coal $5 and gasoline. (Co. also lts. Felton, Frederica, Camden, Wyoming, Woodside and Viola.)
G L S W 2 3 ★95

**LAUREL**, 2,166—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
2 a. c. Ft. W. tot. 560 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 775 hp. e. Russ; 450 hp. b. Keeler
City cont. 478 Mazdas "C" 40 c. p. $12 per yr; all nt; coal $4.
D L S 3 ★26

**LEWES**, 2,158—Munic. Elec. Lt. Plant; cost $50,000; bds. $60,000.
Pres. Jas. T. Thompson ..........Lewes
*Sec. & Treas. A. R. Nichols....... "
Ch. Elecn. D. Brittingham ......... "
Engr. Pwr. Sta. C. H. Lynch....... "
2 a. c. Westg. tot. 180 kw. 2200-110 v. s. ph. 60 cys; 230 hp. e. Watern; 200 hp. b. Keeler.
1 city arc G. E. 500 w; 150 city incs; com. ltg. 10 cts. per kw; moonlt; mdnt; coal $1.55.
L S 1 105a

**MIDDLETOWN**, 1,399—Munic. Light & Water Plant.
Pres. George V. Peverley....Middletown
Sec. Dr. Dorsey W. Lewis...... "
Treas. Henry L. Davis......... "
¶ Mgr. D. W. Stevens......... "
*Gen. Supt. Theo. Whitlock. "
Ch. Engr. J. A. Conly ........ "
Engr. Pwr. Sta.
George Foraker ........... "
3 d.c. G. E, Ft. W. tot. 160 kw. 120 v: 210 hp. e. Ames, Bckye; 200 hp. b. Erie Coatsville.
Coal.
C L S 16

**MILFORD**, 2,603—Munic. Lt. & Wtr. Plant; cap. $43,000; bds. $25,000.
*Pres. A. Smith...................Milford
Sec. J. F. Anderson.............. "
Treas. C. Barker.................. "
¶ Supt. W. T. Banning.......... "
Engr. Pwr. Sta. R. Posswaite.... "
4 d. c. Westg, tot. 200 kw. 125 v; 400 hp. e. Ames; 700 hp. b. Coatsv, Farqhr.
125 city incs. 60 w. $12 per yr.; all nt. coal $4.20.
C L S ✠ ★105a

**MILTON**, 1,038—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
Trans. from Georgetown 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v.
City cont. 50 Mazdas series 6.6 amp. 40 c. p.
L I ★26

**NEWARK**, 1,913—Munic. Lt. & Wtr. Works; cost $60,000; bds. $35,000.
Pres. of Board, J. H. Hossenger..Newark
*Sec. & Treas. S. B. Hartman.... "
¶Pur. Agt. E. C Wilson.......... "
Supt. Jacob F. Shew............. "
1 a. c. Ft. W. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Russell; 1 gas e. National; 200 hp. b. H. & J, Coates; also purchases energy from Wilmington & Philadelphia Traction Co.
145 city Ed. Mazdas 40 & 300 c. p. $12 per yr; all nt; coal.
D G L S 3 ★125

**NEW CASTLE**, 3,351—Delaware Wtr. Improvement Co.; cap. $125,000.
Pres. H. E. Ahrens..........Reading, Pa.
Treas. G. B. Schafer......... " "
*¶Mgr. & Ch. Elecn. G. I. Unger, New Castle
Energy purchased from Wilmington & Philadelphia Traction Co. Sells energy to American Pwr. Co., Delaware City.
City cont. 43 arcs—w. $55 per yr ; all nt.
L ★105a

**REHOBOTH**, 327—W. S. Truitt Elec. Lt. Plant; cost $10,000.
*Pres. & Supt. W. S. Truitt.....Rehoboth
2 d. c. Ft. W, Northern tot. 115 kw. 220 v; d. c. nt. (12 P.M.) ltg. cir. 220 v; d. c. mo. cir. 220 v; 175 hp. e. Erie Ball, Lycoming; 165 hp. b. Penn; also ice plant.
City cont. 50 Mazdas 40 w. $12 per yr; midnt; coal $4.
C I L S ✠ 15

**SEAFORD**, 2,168—Eastern Shore Gas & Elec. Co. See Salisbury, Md.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir. 110-220 v. 3 ph. 60 cys.
D L 3 26

**SMYRNA**, 1,843 — Munic. Elec. Lt. Plant; cost $17,000.
Pres. S. J. Reynolds..............Smyrna
*¶Sec. & Mgr. Harry B. Grieves.. "
Treas. Edward T. Porter........... "
Supt. & Engr. Pwr. Sta.
J. H. Wilson ..................... "
2 a.c. Westg, Warren tot. 110 kw. 1100-110-55 v. s. ph. 133 cys; a. c. nt. ltg. cir; 175 hp e. Ames; 250 hp. b. Weth, Keeler.
75 city Mazdas 100 & 150 w. moonlt; coal.
L S 1 25

**WILMINGTON**, 87,411—The Wilmington & Philadelphia Trac. Co., Office, 603 Market St, Wilmington. (Owns all the stock of Wilmington, New Castle & Delaware City Ry. Co., Wilmington Southern Trac. Co., Southern Penn. Trac. Co., Peoples Railway Co., and Wilmington Light & Pwr. Co., which last two companies it leases; also leases and operates the Wilmington City Ry. Co., Wilmington & Edgemoor Elec. Ry. Co., Gordon-Heights Ry Co., Front & Union St. Ry. Co., and Wilmington City Elec. Co., of which companies the United Pwr. & Transpt. Co., owns entire capital stock, directly or indirectly. Controls and operates through the above leases and through the Southern Penn Traction Co., all electric light and power business in the City of Wilmington and vicinity, and street railway lines in Wilmington, New Castle and Delaware City, Del., Chester and Media, Pa., and suburban lines connecting the above places with each other and with the City of Philadelphia. (Controlled by The American Railways Co.)
Pres. Van Horn Ely...........Phila., Pa.
V. Pres. & Mgr. T. W. Wilson..Wilmington
*Sec. & Treas. C. N. Ryan ... "
Audr. C. E. Yost............. "
Elec Engr. & Supt. Lt. & Pwr.
A. W. Burke............... "
Sales Agt. J. Theobald ...... "
¶ Pur. Agt. J. A. Berndt...... "
Engr. Pwr. Sta.
C. E. Cooper................ "
6 a.c. G.E. Allis C. Westg. tot. 8400 kw. 2400 v 3 ph. 60 cys; 3 d. c. G. E. tot. 2300 kw. 575 v; trans. 2300 v. 3 ph. 60 cys; a.c. & d. c. day & nt. ltg. cir. 115-120 v. 60 cys, a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60

cys; d. c. day & nt. mo. cir. 220 v; 3600 hp. e. Weth; 8400 hp. b. Edge, Heine; 8400 kw. stm. turb. G. E. Allis C. Westg.

City cont. 417 magnetite arcs 4 amp. $64.92 per yr; 693 incs. 4 amp. 50 w. 40 c.p. $15 per yr; 86 incs. 100 w. 80 c.p. all nt. $21.48 per yr; 86 incs. 100 w. 80 c. p. mdnt $15.24 per yr. (ornamental system); coal $3 & $3.25. (Also lts. Newport, Marshallton, Elsmere, Cedars, Stanton, Kiamensi, Farnhurst, Hillcrest, Gordon Heights, Holly Oak, Claymont, Roselle, Bellemoor, Brack Ex, Brandywine Springs and Ashley; wholesales to railway and electric companies at New Castle and Delaware City and New Castle County Elec. Co. in town of Newark; also supplies Chester County Lt. & Pwr. Co. of Pennsylvania and Home Mfg., Lt. & Pwr. Co. of Elkton, Md.)

C D R S 1 3 ✠ 26†

## DISTRICT OF COLUMBIA.

**WASHINGTON,** 331,069—Washington Ry. & Elec. Co., 14th & E. Capitol Sts. (Controls Potomac Elec. Pwr. Co., Great Falls Pwr. Co., and street railways in Washington); cap. auth. (pfd.) $8,500,000, (com.) $6,500,000; bds. auth. $17,500,000.

Pres. C. P. King..............Washington
*V. Pres. W. F. Ham........ "
Sec. S. R. Bowen.............. "
Treas. C. E. Brown ......... "
Cont. Agt.
John C. McLaughlin........ "
¶ Pur. Agt. R. W. Crowell.... "
Supt. L. E. Sinclair.......... "
Ch. Engr. C. S. Wilson........ "
Supt. of Shops, J. H. Stephens "

★105w

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Potomac Elec. Pwr. Co. 14th & C Sts., N. W. (Owns the U. S. Elec. Ltg. Co. and is controlled by Washington Ry. & Elec. Co., which see for officers.)

5 a. c. G. E. tot. 3700 kw. 6600 v. 3 ph. 25 cys; 8 d c. G. E. tot. 4850 kw. 160-320-600 v; 4 stor. bat. tot. 8000 amp. hrs. E. S. B. 220 v; a. c. & d. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; d. c. mo. cir. 110-220-550 v; 7500 hp. e. McI & S; 37,000 kw. turb. (steam) G.E; 19,350 hp. b. Bab. & W.

City cont. 1086 magn. & mult. arcs from $59.50 to $97.50 per yr; 5903 series and 517 multiple Mazdas 50 to 187 w. $15 to $36.50 per yr; all nt; coal. (Co. also lts. Hyattsville, Riverdale, Chevy Chase, Garthersburg, Kensington and Rockville, Md., and sells energy to W. B. & A. Elec. R. R. and Braddock Lt. & Pwr. Co.)

C D L S 1 3 25

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Braddock Lt. & Pwr. Co. Office, 508 Hibbs Bldg., Washington, D. C.; cap. $15,000; no bds.

Pres. Richard B. Washington..Alexandria
*Sec. G. L. Boothe............ "
Treas. J. C. Freeland......... "

Purchases energy from Potomac Elec. Pwr. Co. 6600-2400 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 6600-440 220 v. 3 ph 25 cys. & 2400-220-110 v. s. ph. 60 cys.

City cont. 75 Mazdas 100 w. $26 per yr; all nt. (Lts. Fort Meyer and Roslyn, Va.)

D L 1 3 74

## FLORIDA.

**APALACHICOLA,** 3,065—*Apalachicola Elec. Lt. & Telephone Co.; cap. auth. $30,000, pd. in $24,000.

¶ Owners, J. F. C. Griggs &
R. G. Porter..............Apalachicola

2 a. c. Ft. W. G. E. 255 kw. 1100-110 v; a. c. nt. ltg. cir. 110 v. 133 cys; 225 hp. e. Erie City; 225 hp. b.

City cont. 26 series 250 w. Tung, 30 series 100 w. Tung; moonlt; wood $3 & coal $4 & $4.50.

L S X ✠ 23

**ARCADIA,** 1,736—Arcadia Ice & Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)

Pres. C. I. Day................Jacksonville
V. Pres. T. B. King..................Arcadia
Sec. & Treas. F. G. Whitney..Jacksonville
Mgr. C. A. Byrd.....................Arcadia
¶ Pur. Agt. A. C. Bergh....Jacksonville

2 a c. G. E. tot. 175 kw. 2200-104 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; pwr. cir. 2080 104 v; 225 hp. e. A. & S, Ball; 240 hp. b. Erie, Lombard.

City cont. 6 a. c. arcs 6.6 amp. $90 per yr; 30 incs. 32 c. p. $18 per yr; mdnt; wood $2.50 to $2.95.

D I L S 3 ✠ 15E

**BAGDAD,** 1,400—Bagdad Land & Lumber Co.

*Ch. Clerk, M. M. Glasgow.......Bagdad
Mgr. F. W. Stevens................ "

2 a. c. G. E. tot. 1000 kw. 600 v. 3 ph. 60 cys; 1 mo. gen; a. c. day & nt. ltg. cir. 115 v. 60 cys; 320 hp. e Bckye; 1000 hp. stm. turb. G. E.

D L S 3 ★125

**BARTOW,** 2,662—*Munic. Electric Lt. & Wtr. Plant; cost $25,000.

¶ Mgr. D. E. Bivins...................Bartow
Engrs. Pwr. Sta. { J. S. Hayes.......... "
I. B. Putman......... "

2 a. c. Bull, G. E. tot. 175 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v. 60 cys; a.c. day & nt. mo. cir. 105 v. s. ph. 60 cys; 210 hp. e. Skinr, Ball; 300 hp. b. Lombard, Erie.

12 city arcs 6.6 amp. 8 cts. per kw; 100 mult. Mazdas 60 w. 8 ct. per kw; all nt; wood $2.75.

D L S 1 3 ✠ 113

**BRADENTOWN,** 1,886—Manatee Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)

Pres. C. I. Day.................Jacksonville
V. Pres. & Mgr. P. R. Chambers
Bradentown
Sec. & Treas. F. S. Whitney...Jacksonville
¶ Pur. Agt. A. C. Bergh.... "
Engr. Pwr. Sta. L. C. Kaiser...Bradentown

2 a. c. Allis C. tot. 260 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 700 hp. e. Sknr; 500 hp. b. B. & W.

City cont. 331 Tung. 60, 100 & 350 c. p. $1.50, $2.50 & $3.50 per yr; moonlt. all nt; coal $4.90. (Co. also lts. Manatee and Palmetto.)

D L S 1 3 ✠ 104

**BROOKSVILLE,** 979—The Star Enterprises, Inc.

Owner, J. C. Burwell.........Brooksville
*Mgr. Ross Clark.............. "
Engr. Pwr. Sta. P. Johnston.. "

2 d. c. F. M. & Co, Hawthorn, tot. 54 kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 50 hp. e. (gas) F. M. & Co, Foos.

C G L §125

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Brooksville Public Service Co.

Owner, H. D. Evans..........Brooksville
Sec. & Treas. H. J. Weston... "
Gen. Supt. Norman Pratt..... "

Energy purchased from Florida Pwr. Co. 2 transf. G. E. Maloney, tot. 100 kva; 1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 60 cys. Ice plant (10-ton absorption.) (Auxil. plant.)

City cont. 100 incs. "C" (6 250 c. p. & 94-60 c. p.) 5 cts. per kwh. Wood $2 & $2.25 per cord.

D I L S 1 3 ✠ §16

**BUNNELL** — Bunnell Ice, Light & Water Co. (In Sept. 1914, purchased plant from Messrs. Lambert & Moody.)
*Owner, Edward Miranda........Bunnell
1 d. c. Wood 16 kw;—hp. b. Gem City; —hp. e. Buffalo.
(Contemplate installing 3 ton ice plant.)
C L 114E

**CHIPLEY,** 1,099—Chipley Lt. & Pwr. Co.; cap. $25,000.
Pres. A. A. Myers..............Chipley
V. Pres. C. B. Dunn.............. "
Sec. & Treas. J. C. McLeod....... "
*¶ Mgr. E. H. Hale................ "
Engr. Pwr. Sta. G. W. Reed....... "
2 a.c. Ft. W, C-W. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 275 hp. e. Ball, H. M. & B; 120 hp. b. —; also 10-ton ice plant, Carbondale.
City cont. 78 Tung. 100 w. $25 per yr; all nt; wood $1.50. (Contemplates extending lines to Bonifay.)
D I L S 3 ✢ ★16

**CLEARWATER,** 610—Clearwater Ice Factory; cost $100,000.
*Mgr. & Cont. Agt.
J. N. McClung..............Clearwater
Ch. Engr. J. M. Moore........ "
3 a. c. C-W, Allis-C, G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 20 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; 490 hp. e. Ideal, Sknr; 430 hp. b. Schof, Erie City.
City cont. 20 lumn. arcs 600 c. p. $67.20 per yr; 140 series incs. 80 & 32 c. p. $30 & $18 per yr; all nt; wood $2.75. (Also lts. Dunedin, Belleair and Largo.)
D L S 1 3 ✢ 125

**DADE CITY,** 794—Dade City Ice, Lt. & Pwr. Co.; cap. outstg. $20,000; no bds.
*Pres. & Mgr. Emil W. Muller..Dade City
Sec. & Treas. W. T. Porter....... "
2 a. c. G. E, F. M. & Co. tot. 105 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 60 hp. e. Sknr; 100 hp. b. C. & H; 80 hp. e. (oil) F. M. & Co; also 12-ton ice plant (Columbus).
City cont. 70 incs. series 4 amp. 32 c. p. $12 per yr; all nt; wood $2.50 (for ice plant); oil 4½ cts. per gal. (for ltg.).
D G I L S 1 3 ✢ 16

**DAVENPORT**—*Davenport Lt. & Ice Co.; cap. $20,000.
Supt. G. Klink................Davenport
Engr. Pwr. Sta. H. T. Nafziger "
1 a. c. Tri. 35 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 220-110 v. s. & 3 ph 60 cys; 30 hp. wtr. wh. Leffel; also ice plant.
D I L W 1 3 73

**DAYTONA,** 3,082 Daytona Public Service Co. (Controlled by The Lt., Ht. & Pwr. Corpn., 77 Franklin St., Boston, Mass.); cap. $300,000; bds. $300,000.
Pres. Arthur E. Childs } 77 Franklin St.,
V. Pres Alfred Clarke } Boston, Mass.
Sec. & Treas.
C. N. Burnell........... "
Gen. Mgr. Guy K. Dustin. "
*Mgr. & Cont. Agt. R. G. Conklin. Daytona
Audr. G. W. Vaughan,
77 Franklin, St., Boston, Mass.
¶ Pur. Agt. H. L. Ogden.. " "
Ch. Engr. Pwr. Sta.,
R. W. Messmore..............Daytona
3 a. c. G. E. tot. 595 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; 970 hp. e. Bckye, Ball; 750 hp. b. Gem City; also ice plant.
City cont. 45 series arcs 6.6 amp. $90 per yr; moonlt; coal $6.10. (Co. also lts. Seabreeze and Daytona Beach.)
D I L S 1 3 ✢ ★16

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Daytona Elec. Lt. & Pwr. Co.
*Pres. & Mgr. Michael Sholtz....Daytona
V. Pres. John F. Hawkridge...... "
Sec. David Sholtz............... "
Treas. James K. Atkinson......... "
Ch. Engr. A. B. Every........... "
3 a. c. G. E. tot. 270 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 100 kw. 250 v; a. c. day & nt. ltg. & mo. cir; 480 hp. e. (oil) De L. V.
City cont; all nt; crude oil. (Also lts. Daytona Beach.)
C D G L 8 125

**DE LAND,** 2,812—De Land Elec. Lt., Pwr. & Ice Co. Inc. (Owned by Estate of J. B. Stetson, Phila., Pa.)
Pres. J. H. Cummings
5th & Montgomery Sts., Phila., Pa.
*¶ Sec., Treas., Mgr. & Cont. Agt.
E. L. Hon.....................De Land
Supt. B. F. Craig............... "
Engr. Pwr. Sta. L. O. Ray......... "
3 a.c. C.-W, G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; 1 arc. G.E. 50 lt; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 753 hp. e. Ball; 450 hp. b. Schof, Lebanon; also 20-ton ice plant.
City cont. 14 G. E. arcs 6.6 amp. $70 per yr; 146 Tung. 40 w. $15.48 per yr; moonlt; wood $3.50. (Co. also lts. Stetson.)
D I L S 1 3 ✢ 125

**DUNNELLON,** 1,227—Florida Pwr. Co. See Ocala.

**EUSTIS,** 910—Eustis Wtr., Lt. & Pwr. Co.; cap. $50,000; bds. $50,000.
*Pres. & Mgr. C. A. Childs...........Eustis
V. Pres. T. G. McMullen
Truro, N. S. Can.
Sec. F. A. McMullen...............Eustis
Treas. H. C. Lane..........Meriden, Conn.
Engrs. } J. F. Short..............Eustis
Pwr. Sta. } Theo. Formmer.......... "
3 a. c. G. E, Allis-C. tot. 325 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 310 hp. e. Ball, Sknr; 170 hp. b. Brnl, Tudor.
City cont. 67 series Tung. 40 w. 6.6 amp. $12 per yr. and 300 w. type "C" lamps; moonlt; mdnt; wood $1.50 & $2.50. (Co. also lts. Tavares, Umatilla and Mt. Dora.)
D L S 3 ✢ 125

**FERNANDINA,** 3,482—Munic. Elec. Lt. Plant; cost $35,000.
¶Pur. Agt. W. S. Whitney...Fernandina
*Supt. R. V. Nolan.......... "
Ch. Engr. & Elecn. L. Austin "
2 a. c. G. E. tot. 200 kw. 2800 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550 v; 150 hp. e. Sknr, B. & W. H-B; 400 hp. b. Schofield, Atlas; 2 15-ton ice machines Vogt.
100 street series lights 75 w. $30 per yr; incs. 8 cts. per kw; moonlt; coal $3.25.
D I L S 3 125

**FORT LAUDERDALE,** 219 — Fort Lauderdale Ice & Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)
Pres. C. I. Day..............Jacksonville
V. Pres. T. M. Bryan......... "
Sec. & Treas. F. G. Whitney. "
Mgr. & Supt. J. H. Jones..Ft. Lauderdale
¶ Pur. Agt. C. A. Bergh......Jacksonville
Engr. Pwr. Sta. Lewis Baker,
Ft. Lauderdale
2 a. c. G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; 1 arc Westg. 12 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 200 hp. e.

Skinr; 230 hp. b. C. & H; also 10-ton ice plant.
City cont. 29 Mazdas 100 w. $22 per yr; moonlt; wood.
D I L S 1 3 ✢ 104

**FORT MEADE,** 1,165—*Fort Meade Elec. Co; cap. $10,000.
¶ Pres. & Supt. J. G. Faucy....Ft. Meade
V. Pres. A. B. Hull..............Mulberry
Sec. & Treas. W. P. Read...... "
Mgr. O. G. Parker................Ft. Meade
8 transf. West. 2300 v; a. c. nt. ltg. cir. 110 v; purchases energy from General Phosphate Co. of Florida 3 ph. 60 cys.
City cont. 45 incs. $15, $18 & $30 per yr; oil.
L 3 ✢ 72

**FORT MYERS,** 2,463—Fort Myers Ice & Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)
Pres. C. I. Day................Jacksonville
V. Pres. F. C. Alderman.... "
Sec. & Treas. F. G. Whitney. "
¶ Pur. Agt. A. C. Bergh..... "
Mgr. E. W. Ashmead...........Ft. Myers
Engr. Pwr. Sta. J. P. McHarry. "
2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 500 hp. e. Sknr; 502 hp. stm. turb. G. E; 500 hp. b. Erie; also 30-ton ice plant (Frick).
City cont. 7 arcs G. E. series 6.6 amp. $75 per yr; 87 Mazdas 40 w. $20 per yr; moonlt; coal $5.10; wood $3.70; slabs $1.10.
D I L S 1 3 ✢ 104

**GAINESVILLE,** 6,183—Munic. Wtr., Lt. & Pwr. Plant; bds. outstg. $110,000.
Chmn Bd. of Public Wks.
H. E. Taylor.................Gainesville
Sec. I. E. Webster............. "
Treas. Jos. E. Waugh.......... "
*¶ Mgr. & Supt. T. M. Early.. "
2 a. c. West. tot. 425 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 600 hp. e. Flemg., H. F. & M; 500 hp. b. Erie City.
24 city flaming arcs; 188 tung. 100 c. p; all nt; coal $4.35.
D L S 1 3 75

**GRACEVILLE,** 734—*Graceville Wtr. & Lt. Plant (Munic.); bds. outstg. $22,000.
¶ Pur. Agt. N. A. Ball.........Graceville
Supt. Chas. T. Atkinson........ "
a. c. nt. ltg. cir. 110 v.
Mdnt; wood $1.75.
L S X 14w

**JACKSONVILLE,** 57,699—Munic. Elec. Lt. Plant. Office, Engineers' Bldg.; bds. $205,000.
Chmn. Geo. M. Powell......Jacksonville
V. Pres. Frank I. Wheeler... "
Sec. S. C. Harrison.......... "
City Treas. A. Ray........... "
Audr. W. G. Cooper........ "
¶ Pur. Agt. R. N. Ellis...... "
*Supt. Wm. H. Tucker...... "
Engr. Pwr. Sta. B. R. Colby "
4 a. c. G. E., Allis-C, tot. 6000 kw. 6600 v. 3 ph. 60 cys; stor. battery 250 amp.-hrs. 110 v; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 500 v; 6000 kw. stm. turb. Curtis, Allis-C; 5090 hp. b. Bab. & W.
970 city arcs magn. 900 c. p. $60 per yr; 790 series incs. 100 w. 80 c. p. $18 per yr; all nt; crude oil 88½ cts. per bbl.
C D L S 3 — 125

Southern Utilities Co. Office, 916 Heard Natl. Bank Bldg. (Controls Arcadia Ice & Elec. Co., Ariston Ice & Elec. Co. (West Palm Beach), Crystal Ice Co. (Sanford), Fernandina Ice Co., Ft. Lauderdale Ice & Elec. Co., Ft. Myers Ice & Elec. Co., Lake City Ice Co., Lakeland Ice Co., Live Oak Ice & Elec. Co., Manatee Elec. Co. (Bradentown), Miami Ice & Cold Storage Co., Palatka Ice Co., Pensacola Ice Co., Punta Gorda Ice Co., St. Augustine Ice Co., Sanford Ice & Waterworks Co., Sanford Lt. & Fuel Co., Tarpon Springs Ice & Elec. Co., and Titusville Ice Co.; also Cordele (Ga.) Elec. Co. and Tifton (Ga.) Ice & Elec.)
Pres. J. H. Pardee,
43 Exchange Pl., New York, N.Y.
V. Prests. { S. L. Selden,
43 Exchge. Pl., " "
Gen. Mgr. C. I. Day,
Jacksonville
Sec. & Treas. T. W. Moffat,
43 Exchange Pl., New York, N.Y.
Audr. F. G. Whitney........Jacksonville
Oper. Mgrs. J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
¶ Pur. Agt. A. C. Bergh.....Jacksonville
104

**JASPER,** 1,730—Jasper Wtr. & Lt. Co.
*Supt. D. J. Boynton..............Jasper
1 a. c. Ft. W. 50 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Watertn; 160 hp. b. Nagle. (Also 6-ton ice plant.)
City cont. 45 incs. 50 c. p. $24 per yr; all nt; wood $2.50.
I L S 2 ✢ 85

**KEY WEST,** 19,945—The Key West Elec. Co.; cap. stk. (pfrd.) $270,000, (com.) $500,000; bds. $504,000.
Pres. Geo. J. Baldwin.....Savannah, Ga.
V. Prests. { Chas. F. Wallace, Boston, Mass
Harry H. Hunt... "
Sec. Alvah K. Todd......... "
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster Mgt. Assn.,
147 Milk St., Boston, Mass.
Mgr. I. Maxwell Stover........Key West
Supt. of Distribution
J. H. Monticino.................. "
Engr. Pwr. Sta. Anthony Yates "
4 a. c. Ft. W, Bull. 495 kw. 2300 v. 2 ph. 60 cys; 2 d.c. 260 kw. 550 v. (for railway); a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 450 hp.e. Am. Dies; 600 hp. b; 675 hp. e. (oil) Busch-Sulzer Bros. Dies.
City cont. 345 incs. series Tung. 25 c. p; all nt; fuel, oil.
C D G R 2 ✢ 25

**KISSIMMEE,** 2,157—*Munic. Elec. Lt. Plant; cost $12,000.
City Clerk, J. R. Gilbert.......Kissimmee
1 d. c. inc. T. H. 104 v; 180 hp. e. Amer; 180 hp. b. Atlas.
Moonlt. mdnt; wood $2.50.
C L S ✢ 113w

**LABELLE**—E. E. Goodno Elec. Lt. & Ice Plant; cost $31,500.
*Owner & Mgr. E. E. Goodno.....Labelle
1 a. c. F. M. &. Co. 37½ kw. 2300-110 v. 3 ph; 2 d. c. F. M. & Co. 18½ kw. 110 v. a. c. nt. ltg. cir. 110 v. 60 cys; 60 hp. e. Sknr; 50 hp. b. Nagle, also 1-100 hp. b. & 1-150 hp. b.
City cont. 100 w. Tung. 16 c. p. $9 per yr; wood $3. (Also lts. Ft. Thompson.)
C I L S 3 125

**LAKE CITY,** 5,032—Munic. Wtr. Lt. & Ice Plant; cost $92,000.
Chmn. Bd. of Public Wks.
G. A. Buie.........................Lake City
Sec. J. W. Layne.................. "
*¶ Treas. Mgr. & Cont. Agt.
C. J. Ryan........................ "
Ch. Engr. R. A. Bright........ "
2 a. c. Stan, Warren tot. 360 kw. 1100-110 v. s. & 3 ph. 60 cys; 1 G. E. 70 kw. direct connected to 120 hp. e. H. F. & M. 500 hp. e. Ball, Harrisbg; 550 hp. b. Lomb.,

Casey & Hedge; also 20 ton ice plant.
90 city Mazdas "C" 400 c.p; moonlt; wood $3; coal $4.40.
I L S 1 3 ✠ ★125

**LAKE HELEN,** 646—Munic. Elec. Lt. Plant; cap. outstg. $14,000; bds. $14,000.
Chmn. Mgng. Com. J. E. Day..Lake Helen
*¶ Sec. & Supt. Chas. H. Smith. "
Engr. Pwr. Sta. W. L. Nevin.. "
1 a. c. Westg. 50 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; trans. volt. 2300 v. s. & 3 ph. 60 cys; purchases steam from a sawmill; also ice plant.
37 city Mazdas 60 c. p. 4 amp. $25 per yr; 7 hrs. (Also lts. Camp Cassadaga and Ariel.)
I L S 1 3 104

**LAKELAND,** 3,719—Munic. Elec. Lt. & Wtr. Plant; cost $10,300; bds. $68,000.
Pres. Bd. of Comrs. O. M. Eaton. Lakeland
Comr. Munic. Activities,
E. C. Flanagan................ "
Treas. A. C. Armistead.......... "
*Supt. R. L. Raffo............... "
Engrs. { R. L. Maddox.......... "
Pwr. Sta. { C. G. Arendell, Jr.... "
3 a. c. Ft. W. tot. 275 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-104 v. 60 cys; a. c. day & nt. mo. cir. 110-104 v. s. ph. 60 cys; 450 hp. e. Westg, Sknr; 300 hp. b. Lomb.
7 city arcs 1200 c. p. $90 per yr; 150 series incs. 80 & 100 c.p. $12 per yr; all nt; wood $2.75.
D L S 1 3 ★125

**LAKE WORTH** — Lake Worth Lt. Wtr. & Ice Co.
Pres. Percy Hagerman,
Colorado Spgs., Colo.
V. Pres. William A. Otis " "
Sec. & Treas. C. E. Titus " "
Mgr. Orrin Randolph........Lake Worth
*Supt. Ward Randolph........ "
Engr. Pwr. Sta. A. F. Senior. "
1 a. c. G. E. 40 kw. 2200 v. 3 ph. 60 cys; 1 arc mch., 10-lt; a. c. nt. ltg. cir. 110 v. 60 cys; 60 hp. e. (gas) De L. V.
City cont. 58 series Mazdas 100 c. p. $27 per yr; moonlt; oil 4¼ cts. per gal.
G L 3 125

**LEESBURG,** 991—The Leesburg Ice Co.; cap. $15,000.
*Pres. & Mgr. J. Y. Clark......Leesburg
Sec. M. M. Clark............... "
Gen. Supt. Fred E. Way........ "
Ch. Engr. Adolph Heiss......... "
2 a.c. G. E, F. M. & Co. tot. 162½ kw. 2300 v. 3 ph. 60 cys; 200 hp. e. Sknr; 255 hp. b. Schof, Bab. & W; also 10-ton ice plant (Stratton.)
City cont. 60 tung. 60 & 75 w. $18 & $25 per yr; moonlt. mdnt; oil, coal and wood. (Also lts, Fruitland Park.) (Installing 30-ton ice machine.)
I L S 3 ✠ ★125

**LIVE OAK,** 3,450—Live Oak Ice & Elec. Co. (Controlled by the Southern Utilities Co., Jacksonville.)
Pres. C. I. Day.............Jacksonville
V. Pres. W. H. Lyle...........Live Oak
Sec. & Treas. F. G. Whitney.Jacksonville
¶Pur. Agt. A. C. Bergh..... "
Mgr. C. B. Fulton.................Live Oak
2 a. c. Bull tot. 500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. arc 14 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 750 hp. e. Hardie & Tynes, H. F. & M; 400 hp. b W. & W; also 25-ton ice plant.
City cont. 69 Mazdas 250, 125 & 75 w. tot. $225; moonlt; wood $2.25; coal $5.60.
D I L S 1 3 ✠ 104

**MADISON,** 1,560—*Madison Pwr. Plant (Munic.); bds. $30,000.
Mayor, R. H. Rowe.................Madison
Chm. Wtr. Wks. Com. W. B. Davis "
Supt. J. D. Renfroe............... "
1 a. c. Royal, 75 kw. 1100-110-v. s. ph. 60 cys; 1 d. c. Royal 65 kw. 100 v; a. c. nt. ltg. cir. 100 hp. e. L. & B.; 160 hp. b. Schof.
City cont. 17 arcs. 560 w. $84 per yr; 58 Tung. 75 w. $30 per yr; all nt; coal $3.80.
C L S 1 ✠ 82

**MARIANNA,** 1,915—Munic. Elec. Lt. & Wtr. Plant; bds. outstg. $23,000.
Pres. Bd. & Council John Milton, Sr.
Marianna
*¶ Mgr. Weldon Henley.......... "
Engr. Pwr. Sta. T. J. Davis..... "
2 a. c. Ft. W, tot. 175 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Ham, Cor, Ball; 200 hp. b. W. & W, Cole.
109 city "C" Mazda series 100-250 c. p. $18 & $25 per yr; moonlt; all nt; coal $2.85-$3.
D L S 3 125

**MIAMI,** 5,471—Miami Elec. Lt. & Pwr. Co. Office, 12th & Court Sts.
Pres. Wm R. Kenan, Jr,
26 Broadway, New York, N. Y.
*V. Pres. & Supt.
John N. MacGonigle...............Miami
Sec. J. C. Salter....... } 26 Broadway,
Treas. L. C. Haines.... } New York, N.Y.
¶Pur. Agt. C. D. Boice.. " "
Ch. Engr. A. J. Fisher.............Miami
Elec. Engr. Wm. D. Avery......... "
4 a. c. G. E. tot. 1600 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 240-120 v. s. & 2 ph. 60 cys; 585 hp. e. B. & W, Flem; 1500 hp. b. Oil City, Bab. & W; 1250 kw. Curtis stm. turb.
City cont. 463 Mazdas 32 c. p. $15 per yr; moonlt; coal. (Also lts. Buena Vista, Cocoanut Grove, Little River, Lemon City, Ocean Beach, Miami Beach and Alton Beach.)
D L S 1 2 ✠ 15

**MILTON,** 831—Munic Wtr., Lt. & Sewerage System.
*Engr. H. A. Mentz...............Milton
1 a. c. Ft. W. 50 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 75 hp. e. H. F. & M; 125 hp. b. C. & H.
73 series inc. 100 c. p. $12 per yr; moonlt; wood. (Contemplates installing 100 kva. eng. and rebuilding commercial lines.)
D L S 3 15

**MULBERRY,** 1,418—Mulberry Electric Co.; cap. $4,000.
Pres. & Mgr. A. B. Hull, Jr.....Mulberry
*Sec. Treas. & Supt. H. J. Pratt "
Purchases energy of Prairie Pebble Phos. Co. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-110 v. 3 ph. 60 cys.
City cont. 48 incs. 40 c. p. $15 per yr. all nt.
D L 3 75

**NEW AUGUSTINE,** 1,284—St Johns Lt. & Pwr. Co. See St. Augustine.

**OCALA,** 6,000—Munic. Elec. Lt. Plant; cost $40,000; bds. $13,500.
*¶ Supt. J. C. Caldwell...............Ocala
Engr. Pwr. Sta. L. B. McKenzie..... "
3 a.c. Westg. Ft. W. tot. 350 kw. 2,300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 487 hp. e. Harrisb; 550 hp. b. Schof, Cole.
10 city arcs Westg. 1200 c. p. $65 per yr; 125 series incs. 6.6 amp. 100 c. p. $14 yer yr; all nt; wood $2.
D L S 1 3 25

Florida Pwr. Co. Office, Ocala; pwr. plt. at Citronelle; cap. outstanding $150,000; bds. outstg. $120,000.

*¶ Pres. & Mgr. R. C. Camp..........Ocala
Sec. & Treas. Clarence Camp...... "
Gen. Supt. E. J. Jones..........Dunnellon
Engr. Pwr. Sta.
J. F. Shuford....................Citronelle

3 a.c. Allis-C. G. E. tot. 3200 kw. 2200 v. 3 ph. 60 cys;—hp. turb. (wtr.); trans. volt. 60,000 v. (Co. lts. Dunnellon, Floral City and Inverness; sells energy to Brooksville Public Service Co.)

N W 3 125

**ORLANDO,** 3,894—The Orlando Water & Lt. Co. (Owns So. Florida Gas & Elec. Lt. Co. & Winter Park Elec. & Fuel Co.); cap. $300,000; bds. $226,500.

Pres. Wm. P. Beeber..Williamsport, Pa.
Sec. & Treas. J. M. Cheney.... Orlando
Audr. Leonard S. Thornton...... "
*¶ Mgr. Donald A. Cheney...... "
Engr. Pwr. Sta. R. B. Perry...... "

4 a c. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 50 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1350 hp. e. H. F. & M, Ames, Sknr; 750 hp. b. Heine, Cain & O'Berry; also 20-ton ice plant (Frick).

City cont. 9 luminous arcs 6.6 amp. $110 per yr; 229 Mazdas 80 c. p. & 60 c. p. $36, $24 & $20 per yr; all nt; coal $4.65; wood $3. (Also lts. Winter Park and Maitland.)

D I L S 1 3 16

**PABLO BEACH,** 249—Munic. Elec. Plant; cost $12,000.

Pres. of Board,
Chas. H. Mann.............Jacksonville
V. Pres. D. J. Conroy....... "
Sec. W. H. Adams.............Pablo Beach
Treas. J. M. Mier............. "
*Engr. Pwr. Sta. J. G. Gonzales "

2 a. c. West. tot. 75 kva. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. (oil) DeL. V.

53 city incs. 250 & 100 c. p. $75 & $30 per yr; 1 A. M; oil 3.85 cts.

G L 3 ★16

**PALATKA,** 3,779—Palatka Gas Lt. & Fuel Co; cap. auth. & issued $50,000; bds. issued $45,000, 7 p. c. int.

¶Pres. & Treas. G. Loper Bailey...Palatka
*Sec. Robt. W. Davis.............. "
Mgr. & Ch. Elecn. C. B. Marvin. "
Supt. A. M. Leach................... "

1 d. c. arc Wood 60 lt; 1 a. c. Wood 1000-52 v. s. ph. 133 cys; no day cir; 160 hp. e. H, F. & M, Ideal; 125 hp. b. Schofield.

City cont. 17 arcs. 2000 c. p. $82 per yr; 102 incs. 32 c. p. $15 per yr; all nt; coal, wood $3.

L S 1 ✠ 24†

**PENSACOLA,** 22,982—Pensacola Elec. Co. (Controls the Escambia County Elec. Lt. & Pwr. Co. which furnishes ltg. and pwr. to Pensacola); (cap. gen. sta. 2800 kw.); cap. stk. (pfrd.) $300,000, (com.) $800,000; bds. $877,000.

Pres. Geo. J. Baldwin.....Savannah, Ga.
V. Prests. { Chas. F. Wallace... } Boston
{ Harry H. Hunt..... } Mass.
Sec. Alvah K. Todd....... "
Treas. Henry B. Sawyer... "
Gen. Mgrs. Stone & Webster,
Mgt. Assn., 147 Milk St., Boston, Mass.
Mgr. Thomas J. Hanlon, Jr....Pensacola
Cont. Agt. David Moore......... "
Supt. of Ltg. John A. Adams.... "
Engr. Pwr. Sta. J. M. Anderson "

2 a. c. Westg. 800 kw. 2300 v. 3 ph. 60 cys; 1 d. c. C. W. 500 kw. 550 v; a. c. day & nt. ltg. cir. 115 v. 60 cys: a. c. day & nt. mo. cir. 230-115 v. 3 ph. 60 cys; 670 hp. e. Cpr; 1008 hp. turb. Westg; 1000 hp. b. Heine.

City cont. 64 arcs G. E. 6.6 amp. $80 per yr; 385 incs. Mazda series 6.6 amp. 50 w. $25; all nt; coal. (Co. also lts. Ft. Barrancas, Goulding and Warrington.)

C D R S 3 ★125w

**PERRY,** 1,102—The Perry Elec. Co. (Elec. Lt. & Ice); cap. $25,000; no bds.

*Pres. & Mgr. J. D. Scruggs..........Perry
V. Pres. Geo. E. Porter.............. "
Sec. & Treas. Miss Rie Porter....... "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 275 hp. e. H. & T, Cor; 275 hp. b. Erie, Schof; also 15 ton ice plant (Wolf).

City cont. 35 enc. Mazdas 250 c. p. $100 per yr; moonlt; wood $2.

I L S 3 ✠ 15

**PLANT CITY,** 2,481—Plant City Ice & Pwr. Co.

¶ Pres. E. C. Stuart...............Bartow
*Mgr. & Supt. E. D. Ellis.......Plant City
Ch. Engr. C. B. Hayer.......... "

2 a. c. Nat., G. E. 200 kw. 2300 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Ball; 300 hp. b. Ames, C. & D; 120 hp. e. (oil) Dies, Busch-Sulzer Co.

C D G L S 3 ✠ 125

**PORT TAMPA,** 1,367—*Atlantic Land & Improvement Co. (Successor to Port Tampa Lt. & Pwr. Co.)

Pres. Alex. Hamilton....Petersburg, Va.
Sec. R. D. Crouly .... .... " "
Treas. Jas. F. Post....Wilmington, N. C.
Mgr. J. W. Morris...........Port Tampa
Supt. Albert B. Corey........ "

1 a. c. Westg. 150 kw. 2200-100 v. 3 ph. 60 cys; a. c. day cir. 2200 v; pwr. cir. 220 v; 300 hp. e. A. & S; 400 hp. b. S. R. Hampton.

1000 com. incs. 16 & 32 c.p. 10 cts. per kw; all nt.

D L S 3 ✠ 14

**PUNTA GORDA,** 1,012—Munic. Elec. Lt. System.

*Supt. R. L. Morgan.........Punta Gorda

Energy purchased from Punta Gorda Ice & Elec. Co; 1 a. c. G. E. 50 kw. 2200 v. 3 ph. 60 cys; 14 transf. G. E. tot. 57 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. s. ph. 60 cys.

58 city Tungstens 100 & 60 w. $15.50 per yr; mdnt.

D L 1 3 ✠ 75

**QUINCY,** 3,204—*Munic. Elec. Lt. & Wtr. Plant; cost $15,000; bds. outstg. $58,000.

Pres. A. T. Hearin.................Quincy
Sec. W. M. Corry.................. "
Supt. H. Potter..................... "
Engr. Pwr. Sta. H. C. Whittle..... "

2 a. c. Ft. W. Stan. 258 kw. 2300 220-110 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 220-110 v. 60 cys: 300 hp. e. Harrisbg. Flem; 300 hp. b. C. & H, Cole.

56 enc. & series Tung. city arcs $60 per yr; 7000 incs. Tung. 12½ c. per kw; moonlt; wood $2.35, coal $4.05.

L S 2 24†

**ST. ANDREWS,** 1,200—St. Andrews Ice & Pwr. Co.; cost $25,000.

¶ Pres. J. H Drummond.....St. Andrews
V. Pres. G. E. Drummond... "
*Sec., Treas., Mgr. & Supt.
T. J. McSween............ "
Engr. Pwr. Sta. D. W. Campbell "

2 a.c. Westg. tot. 140 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 250 hp. e. Reeves; 200 hp. b. ——; also ice plant.

City cont. 50 Mazdas 60 & 80 kw. 10 cts. per kw; mdnt; moonlt; wood $1.50; coal $3.50.

I L S 3 ✠ 25

**ST. AUGUSTINE**, 5,494—St. Johns Lt. & Pwr. Co., 33 King St.; cap. issued $350,000; bds. outstg. $300,000.
Pres. W. D. Barnett.........Jacksonville
*V.Pres.&Supt.O.H.P.Fant.St.Augustine
Sec. & Treas. B. E. Dyson.. "
Engr. Pwr. Sta. J. King.... "
3 a. c. Bull. 665 kw. 4400-2800 v. s. ph. 60 cys; a. c. day cir. 110 v; pwr. cir. 550 v; 1300 hp. e. Allis-C; 1500 hp. b. Stir.
City cont. 35 arcs 1200 c. p. $84 per yr; 244 incs. 60 c. p. $19.25 per yr; all nt; coal. (Co. also lts. New Augustine and Anastasia.)
D R S 1 ✢ 14w

**ST. PETERSBURG**, 12,760 (37,000 in winter.)—St. Petersburg Elec. Lt.&Pwr. Co. (Controlled by the General Utilities & Operating Co., Baltimore, Md.); cap. outstg. $400,000 ($100,000, 1st pfd., $50,000, 2d pfd. and $250,000 com.); bds. $300,000.
Pres. J. C. M. Lucas,.......Baltimore, Md.
V. Pres. N. M. Seabrea
Land Title Bldg......Philadelphia, Pa.
Sec. & Treas. H. P. Lucas, Baltimore, Md.
Gen.Mgr. G. W. Wilson...St. Petersburg
Ch. Engr. Wm. Mosedale.. "
2. a. c. G.E. tot. 1600 kw. 2300 v. 3 ph. 60 cys; 1 rot. conv. West. 500 kw; 1 mo. gen. G.E. 200 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 600 v.
City cont. 150 series Mazdas 250 c. p; 250 series Mazdas 100 c. p; 200 series Mazdas 60 c. p. and 80 series Mazdas 32 c. p; all nt; coal $4.60; oil 90 cts. (Also lts. Gulfport and Davista.)
C D L S 1 3 ✢ ★16

**SANFORD**, 3,570—Sanford Lt. & Fuel Co. (Controlled by Southern Utilities Co., Jacksonville); cap. $40,000; bds. $37,000.
Pres. C I. Day...............Jacksonville
V. Pres. S. O. Chase...............Sanford
Sec. & Treas. F.G.Whitney..Jacksonville
Mgr. F. P. Rines.....................Sanford
¶ Pur. Agt. A. C. Bergh.....Jacksonville
Supt. W. W. Fry ...............Sanford
Engr. Pwr. Sta. J. M. Gillon..... "
Ch. Elecn. J. I. Johnson......... "
3 a. c. Westg. tot. 190 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; trans. volt. 2300 v. 2 ph. 60 cys; 285 hp.e. (gas) Westg.
City cont. 16 series a. c. arcs 550 w. $100 per yr; 107 Mazdas 75 w. 6.6 amp. $31.50 per yr; all nt; gas.
D G L 2 ✢ 101

**SARASOTA**, 840—*Sarasota Ice & Elec. Co.; cap. $50,000; no bds.
Pres. J. G. Lewis...........St. Petersburg
Sec., Treas. & Mgr.
R. E. Ludwig............ "
Engr. Pwr. Sta. C. M. Jefferson..Sarasota
1 a. c. Allis-C. 60 kw. 2300-110 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e. Sknr; 300 hp. b. York, Cole; also 20 ton ice plant.
City cont. 100 series Tung. 75 w. $24 per yr; mdnt. moonlt; oil.
I L S 3 23

**SEBRING**, 200—Sebring Lt. & Wtr. Co.
*¶ Supt. G. F. Bobb..............Sebring
2 a. c. G. E, Warren tot. 95 kw. 2200 v. s. & 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v; 150 hp. b. Erie City.
City cont. 90 incs. $1.50 per mo. for 50 c. p; midnt; wood $2.25 per cord. (Will install ice-making machinery.)
L S 1 3 125

**SOUTH JACKSONVILLE**, 1,147—South Jacksonville Elec. Lt. & Wtr. Plant (Munic.); bds. $60,000; cost $20,000.
Pres. Bd. W. D. Alford..So. Jacksonville
City Clerk, A. U. Dobbins "
Treas. J. Warren Scott..So. Jacksonville
Chmn. Fin. Com.
F. H. Leavitt............ "
*Supt. & Ch. Engr.
T. A. Murwin.......... "
Engrs. Pwr. Sta. J. M. Williams "
Engrs. Pwr. Sta. U. C. Babb.... "
1 a.c. Ft. W. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Sknr; 300 hp. b. Cole.
65 street series lts. 60 c. p; all nt; coal $3.20.
L S 3 125

**STARKE**, 1,135—Munic. Elec. Lt. & Wtr. Plant; cost $33,000.
Chmn. J. E. Futch.................Starke
Sec. J. R. Davis.................... "
Treas. J. W. Morgan............... "
*Supt. W. H. Philips.............. "
Engr. Pwr. Sta. L. E. Miner....... "
3 d. c. G. E, Ft. W. tot. 150 kw. 220 v; d. c. nt. ltg. cir. 220 v; 225 hp.e. Rus, H. M. & B; 250 hp. b. Cole, C. & H.
14 city arcs A. B. 1200 c. p; 97 Mazdas 100 w; wood $2.40.
C L S 125

**TALLAHASSEE**, 5,018—Munic. Wtr., Gas & Elec. Lt. Plant; cost $50,000.
Chmn. Bd. of Public Wks.
Wm. McIntosh, Jr..........Tallahassee
Sec. J. W. Collins........... "
Treas. Geo. W. Saxon....... "
*¶ Mgr. & Cont. Agt.
D. R. Swing................ "
Engr. Pwr. Sta. C. B. Fenn.. "
3 a.c. Bull, Stan, Ft. Wayne tot. 650 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys; 650 hp. e. Ball, Skinner; 500 hp. b. Schof.
73 city Mazdas series 400 c. p. $75 per yr; 32 Mazdas mult. 100 w. $25 per yr; moonlt; coal $3.70.
D L S 2 ✢ 125

**TAMPA**, 37,782—Tampa Elec. Co., 810 Tampa St.; cap. outstg. $2,618,000; bds. $846,000.
Pres. Geo. J. Baldwin....Savannah, Ga.
V. Prests. Peter O. Knight.......Tampa
V. Prests. Harry H. Hunt Boston, Mass.
V. Prests. Guy L. Weymouth "
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer... "
Gen.Mgrs.Stone & Webster
Mgt. Assn., 147 Milk St., "
Mgr. J. C. Woodsome. ..........Tampa
¶ Pur. Agt. J. M. Eaton.......... "
Supt. of Ltg. C. L. Hall............ "
Ch. Elecn. G. W. Wilson......... "
Engr. Pwr. Sta. Jas. Orr........ "
7 a. c. Westg, G. E, Stan. tot. 7700 kw. 6600-2300 v. 2 ph. 60 cys; 2 d. c. G. E. tot. 725 kw. 600 v; 2 rect. G. E. tot. 40 lts; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 1920 hp. e. Allis-C, Ham. Cor; 8712 kw. turb. (stm.) West.; 1400 hp. turb. (wtr.) McC; 3980 hp. b. Bab. & W.
City cont. 428 arcs G. E. 6.6 amp. $87.50 per yr; all nt; 510 Mazdas 60 w. $21 per yr; midnt; coal $5. (Also lts. West Tampa.)
C D R S W 2 ★125w

**TARPON SPRINGS**, 2,212—Tarpon Springs Ice & Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)
Pres. C. I. Day...............Jacksonville
V. Pres. A. M. Lowe........ "
Sec. & Treas. F. G. Whitney "
¶ Pur. Agt. A. C. Bergh...... "
Mgr. J. R. Crellin.........Tarpon Springs
Engr.Pwr.Sta. R.R.Daniel. "
2 a. c. Ft. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 225 hp. e. Skinr; 425 hp. b. Schof. Wheeler; also ice plant.

City cont. 9 arcs series 6.6 amp. $126 per yr; 90 incs. series 6.6 amp. $27 per yr; midnt; wood $1.35.
D I L S 3 ✣ 104

**TITUSVILLE,** 868—*Titusville Elec. Lt. Co.; cap. $13,000; bds. $15,000.
Pres. & Mgr. James Pritchard..Titusville
750 a. c. incs. T-H; 60 hp. e. Ball.
L S X ✣ 72

**WARRINGTON,** 2,000 — Pensacola Elec. Co. See Pensacola.

**WEST PALM BEACH,** 1,743—Ariston Ice & Elec. Co. (Controlled by Southern Utilities Co., Jacksonville.)
Pres. C. I. Day..........Jacksonville
V. Pres. Glen Strohm........ "
Sec. & Treas. F. G. Whitney "
¶ Pur. Agt. A. C. Bergh........ "
Mgr. C. H. Ellis........West Palm Beach
Engr. Pwr. Sta. C. V. Young " "
4 a. c. Westg, Bull, G. E. tot. 660 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 550 hp. e. Rus, H. F. & M, Sknr; 700 hp. b. Bab. & W, Parker; also 30 ton ice plant (York).
City cont. 4 arcs series 6.6 amp. $96 per yr; 85 Mazda series 6.6 amp. 75 w. $22 per yr; moonlt; oil 3 cts. per gal. (Also lts. Palm Beach.)
D I L S 2 104

**WINTER GARDEN**—Winter Garden Lt. & Wtr. Co.; cap. $20,000.
Pres. A. W. Hurley.......Winter Garden
V. Pres. H. A. Conrel...... "
*Sec. Treas. & Mgr.
M. L. Calvin.............. "
Supt. M. C. Calvin........... "
2 a. c. G. E, F. M. & Co. tot. 125 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 180 hp. e. Sknr., Erie; 300 hp. b. W. & W; ice plant.
City cont. 11 Mazdas 100 w. $24 per yr; midnt; wood $2.25 per cord. (Co. also lts. Oakland and O'Coer.)
D I L S 3 ✣ 125

**WINTER HAVEN,** 375—Winter Haven Wtr., Ice & Lt. Co.; cap. outstg. $77,500.
Pres. W. F. Boyd...........Winter Haven
V. Pres. Lester Windsor... "
*Sec. & Treas. W. A. Lyons "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 150 hp. e. Sknr, York; 200 hp. b. Erie; also 5-ton ice plant.
City cont. 47 incs. series 100 c. p. $40 per yr; midnt; wood 2.50 per cord. (Also lts. Lake Alfred.) (Installing new plant.)
D I L S 1 3 ✣ 125

**ZEPHYRHILLS,** 498—Zephyrhills Elec. Co.
*Owner & Mgr. Waldo M. Francisco
Zephyrhills
1 a. c. F. M. & Co. 15 kva. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a.c. nt. mo. cir. 220 v. 3 ph. 60 cys; trans. volt. 1100 v. 3 ph. 60 cys; 25 hp. e. (gas) F. M. & Co.; 5 transf. G. E. 10 kw.
City cont. 45 Mazdas 40 w. $6 per yr; moonlt; kerosene 10 cts. per gal.
G L 3 ✣ 15

## GEORGIA.

**ABBEVILLE,** 1,201—*Abbeville Lt. & Pwr. Co. (Leased by J. B. McCrary Co.); cap. $8,000; no bds.
Sec. J. O. Campbell..............Atlanta
Mgr. & Supt. R. L. Brooks.....Abbeville
Engr. Pwr. Sta. W. O. Brooks.. "
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 80 hp. e. Schof; 150 hp. b. Brnl.
City cont. 32 inc. $28.40 per yr; moonlt; wood $2.25.
L S 3 84

**ACWORTH,** 1,043 — Munic. Elec. Lt. & Wtr. Plant; bds. $19,000.
*¶ Chmn. Wtr. & Lt. Com.
Will G. Grogan................Acworth
Mgr. & Supt. N. L. Johnson .... "
— a. c. Stan. 3 ph; a. c. nt. ltg. cir. 110 v. 3 ph. 60 cys; 100 hp. e. Ham, Cor.
7 city arcs; 15 city incs; mdnt; coal. (Contemplates installing new ltg. system and establishing day service.)
L S 3 ★125

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Georgia Railway & Power Co. See Atlanta.

**ADEL,** 1,902 — Munic. Elec. Lt. Plant; cost $15,000.
Sec. & Treas. R. F. Jackson.........Adel
*¶Mgr., Cont. Agt. & Supt. T. R. Sutton "
Engr. Pwr. Sta. S. L. Hutchinson.... "
1 a. c. Stan. 80 kw. 2300 v. 2 ph. 60 cys; 1 d. c. Stan. 4 kw. 120 v; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110 v. 2 ph. 60 cys; 250 hp. e. H. O. & R, Ham; 125 hp. b. Schof.
50 city Mazdas G. E. 350 c. p; moonlt; wood $2.
L S 2 ✣ ★125

**ALBANY,** 8,190—Munic. Elec. Lt. & Wtr. Wks.; cost $35,000; bds. auth. & outstg. $20,000.
*Mgr. & Cont. Agt. Wm. Lockett..Albany
Supt. L. J. von Weller............ "
Engr. Pwr. Sta. T. L. McCaskill.. "
Purchases energy from Albany Pwr. & Mfg. Co., 2½ miles from city; operates water works and distributes energy for city and private lighting 2300 v. 60 cys; 2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys. (reserve plant); a. c. day & nt. ltg. cir. 115-230 v. & mo. cir. 220 v.
106 city arcs G. E; —— incs.
D L 3 75

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Albany Pwr. & Mfg. Co.; cap. $200,000.
Pres. J. E. Sirrine.......Greenville, S. C.
V. Pres. S. F. Smith..........York, Pa.
Sec. & Treas. Jos. S. Davis.......Albany
*Supt. E. S. Killebrew............ "
Engr. Pwr. Sta. L. R. Hester..... "
4 a. c. G. E. tot. 2500 kw. 2300-115 v. 3 ph. 60 cys; 1 turbo-gen. 1000 kw. G. E. Curtis; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. 3 ph. 60 cys; 500 hp. b. Cole; 750 kw. turb. (stm.) Westg; 3500 hp. turb. (wtr.) Smith.
Coal $3.50. (Sells energy in bulk to city.)
D L S W 3 16

**AMERICUS,** 8,063 — Americus Public Service Co. (Successor to Public Utilities Co. & Americus Pwr. Co. Operated by three local trustees under a trust deed requiring that 10% of the bonded indebtedness be retired each year until all bonds are paid, at which time the property, including the gas plant, shall be turned over to the city of Americus); 2250 shares of stock at $1 per share; bds. outstdg. $225 000.
Pres. L. G. Council.............Americus
V. Pres. W. E. Brown........... "
Sec. & Treas. Frank Lanier..... "
*¶ Mgr. & Cont. Agt.
J. E. Johnson................ "
Gen. Supt. G. H. Roper......... "
Engr. Pwr. Sta. R. L. Mossman. "
2 a. c. Allis C. tot. 750 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. s. or 3 ph. 60 cys; 750 hp. Allis-C. stm. turb; 1000 hp. b. C. & H.

City cont. 21 Flaming arcs 10 amp. $56 per yr; 140 incs. series 250 c.p. $35 per yr; all nt; coal $1.10.
D L S 3 ★125

**ARLINGTON,** 1,308 Munic. Elec. Lt. & Wtr. Wks.; cost $25,000; bds. $21,000.
Mayor, E. B. Askew..................Arlington
Clerk, J. A. Timmons........... "
*¶ Supt. & Engr. Pwr. Sta.
A. B. McCaskill............... "
1 a. c. W. E. 50 kw. 2300v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 80 hp. e. H. B. & M; 100 hp b. Hartley.
City cont. 36 incs. series 6.6 amp; all nt; wood $1.80.
L S 3 125

**ASHBURN,** 2,214—*Munic. Wtr. & Lt. Plant; cost $45,000; bds. $45,000.
Supt. S. B. Hudson ..............Ashburn
2 a. c. Allis C. Ft. W. 45 kw. 2200 v. 3 ph. 60 cys; 280 hp. b. Cole, H. F. & M.
15 city arcs Ft. W; 85 incs. Ft. W; moonlt; wood $2.
L S 3 14

**ATHENS,** 14,913—Athens Ry. & Elec. Co. (Purchased Athens Elec. Ry. Co.) Pwr. plants at Mitchell's Bridge Tallasses Shoals and Barnett Shoals, the latter known as the James White Pwr. Co.) Controlled by the Cities Service Co. through ownership of 98 p.c. of the common stock; cap. $750,000; bds. $825,000.
Pres. J. Y. Carithers...............Athens
1st V. Pres. & Mgr. C. D. Flanigen "
2d V. Pres. F. W. Frueauff,
60 Wall St., New York, N. Y.
Sec. & Treas. C. D. Cox...........Athens
Asst. Sec. } 60 Wall St.,
E. E. McWhiney.......... } New York,
Asst. Treas Thos. A. Wallace } N.Y.
Cont. Agt. A. H. Sikes..............Athens
¶ Pur. Agt. C. D. Flanigen........ "
Supt. Pwr. Sta. H. M. Hughes.... "
Supt. Distr J. J. Fowler.......... "
Supt. Transp. R. G. Davis........ "
11 a. c. G. E. Westg. Allis-C. tot. 5850 kw. 12,000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys; 1500 kw. stm. turb. Westg, Allis-C; 4350 hp. wtr. wh. Allis-C, Platt.; 1500 hp. b. Stir.
City cont. 224 a. c. enclosed arcs 6.6 amp. $52 per yr; 321 incs. 16 c. p. $3 per yr; all nt; coal $3.
D R S W 3 ★125

**ATLANTA,** 154,839—Georgia Ry. & Pwr. Co. Office, Elec. & Gas Bldg., Atlanta. (Consolidation of the Interstate Pwr. Co., Georgia Pwr. Co., Atlanta Hydro-Electric Co, Atlanta Wtr. & Elec. Pwr. Co. and Atlanta Gas Lt. Co.) (Operates under lease the Georgia Ry. & Elec. Co.) (Controls the Carrollton Elec. Co. (generating station equip. included in report below), Suburban Gas & Elec. Co. and Atlanta Northern Rwy. Co.) (Six gen. stas. located at Atlanta, Tallulah Falls, Morgan Falls, Gainesville and Carrollton); cap. outstg. $27,000,000; bds. $30,000,000.
Pres. P. S. Arkwright..............Atlanta
V. Pres. & Gen. Mgr. G. W. Brine "
V. Pres. & Operating Mgr.
W. H. Glenn...................... "
Treas. I. S. Mitchell, Jr.............. "
*Gen. Supt. Elecl. Dept.
S. A. Redding,..................... "
Audr. H. Flynn .................... "
Sales Mgr. Rawson Collier......... "
¶ Pur. Agt. W. H. Smaw........ "
Supt. Transpt. S. E. Simmons .... "
Engr. Pwr. Stas. J. T. Chambers.. "
Pwr. stas. equip: 4 d. c. G. E, West. tot. 4025 kw. 262 5-575-600v; 26 a. c. West, G. E, Ft. W, Allis-C. tot. 90,525kw. 6600 2200-440 v 2 & 3 ph. 25 & 60 cys; 101 station transf. West, G. E. tot. 144,425 kw; 25 rotary conv. West, G. E. tot. 21,300 kw; 7400 amp-hrs. stor. bat. E.S.B; 2 frequency changers G. E. tot. 4800 kw; trans. volt. 110,000-22,000-11,000 v. 3 ph. 25 & 60 cys; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 15,555 hp. b. Bab. & W, Cole; 9625 hp. e. Rice & Sargent, Greene, Wheelock, McI. & S, H. F. & M; 18,500 kw. turb. (stm.) G. E, West; 3000 hp. e. (gas) Snow; 100,400 hp. wtr. wh. Smith; also purchases energy from Central Georgia Pwr. Co., Tennessee Pwr. Co. and Columbus Pwr. Co.; 18 transf. G. E, West. tot. 20,500 kw; stm. htg. system.
City cont. 313 arcs flaming 420 w. 7.5 amp. $55 per yr; 1541 arcs enc. 450 w. 7.5 amp. $50 per yr; 1075 series incs. 75 c. p. 7.5 amp. $22 per yr; all nt; 437 5-lt. ornamental posts 100 w, 2000 hrs. per yr. $30 per yr. per post; all nt.; coal $2.35.
(Energy is also retailed in Hapeville, Smyrna, Bolton, Stone Mountain, Clarkston, Clarkesville, Gainesville, Duluth, Whitesburg, Acworth and East Lake; sold in bulk to the following: Rome Railway & Light Co., Panola Light & Power Co., Sardis, Miss. (for Conyers and Lithonia) Carrollton Electric Co., Suburban Gas & Electric Co. and the cities of Marietta, Dalton, East Point, Fairburn, Norcross, Buford, Winder, Lawrenceville, Covington, Social Circle, Mansfield and Monroe.)
C D G H R S W 2 3 16

**AUGUSTA,** 41,040—Augusta-Aiken Ry. & Elec. Corpn. (Operates the Augusta & Aiken Ry. Co. and The North Augusta Land & Hotel Co. Controls the Augusta Ry. & Elec. Co. and Georgia-Carolina Pwr. Co.); cap. auth. $3,750,000; bds. $4,000,000.
Pres. F. Q. Brown,
31 Pine St., New York, N.Y.
V. Prests. { J. H. Pardee, 43 Exchange Pl., New York, N. Y.
E. C. Deal, 43 Cedar St., New York, N. Y.
Sec. & Treas. D. H. Thomas,
31 Pine St., New York, N. Y.
Asst. Sec. & Treas. F. B. Culley...Augusta
*Gen. Mgr. R. W. Spofford....... "
Oper. Mgrs. J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
New Bus. Mgr. M. H. Hendee...Augusta
¶ Pur. Agt. L. Keim.............. "
Engr. Pwr. Sta. A. W. Look..... "
Elec'l Engr. J. J. Borger......... "
4 a. c. G. E. tot. 3950 kw. 2300 v. 2 ph. 60 cys; 3 d. c. G. E. Allis C. tot. 1550 kw. 550 v; trans. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s. & 2 ph. 60 cys; d. c. mo. cir. 550 v; 1750 hp. e. Cor. 2750 kw. G. E. stm. turb; 2750 hp. b. C. H. Stir. Bab. & W; 2700 hp. wtr. wh. Sampson, Stillwell.
City cont. 464 arcs G. E. enc. A. B. Flaming 6.5 & 7.5 amp. $60 per yr; 245 incs. Mazdas 7.5 amp. $2 per yr; 334 incs. Mazda 100 w. $1.10 per yr; all nt; coal. (Co. also lts. No. Augusta, S. C.)
C D L S W 1 2 ✠ 114d

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Augusta Ry. & Elec. Co. (Controlled by Augusta-Aiken Ry. & Elec. Corpn., which see for executive officers); cap. $1,000,000; bds. $1,000,000.
5 d. c. pwr. G. E, Bull. tot. 2075 kw. 550 v; 400 kw. rot. conv. G. E; 5 a.c. inc. G. E. Bull. tot. 4600 kw. 2300-113 v. 2 ph. 60 cys; d. c. day & pwr. cir. 550 v; a. c. day cir. 2300; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 2 ph; 2000 hp. e. Prov, H. T. M. Co; 2500 hp. turb. (wtr.) S. & B. Leffel; 1700 hp. b. Bab. & W.
City cont. 421 arcs 7.5 amp. $60 per yr; 178 incs. 60 w. $12; all nt; coal $3.35.
C D R S W 1 2 74

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Georgia-Carolina Pwr. Co. (Controlled by Augusta-Aiken Ry. & Elec. Corpn.); cap. $1,250,000; bds. $2,750,000.

Pres. J. H. Pardee.... } 43 Exchange Pl.,
V. Pres. W. P. Phillips } New York, N. Y.
Sec. & Treas. D. H. Thomas " "
¶ Oper. Mgrs.
J. G. White Mgt. Corpn. " "
Cont. Agt. M. H. Hendee........Augusta
Engr. Pwr. Sta. A. W. Look..... "

5 a. c. West. tot. 13,500 kva. 2300 v. 3 ph. 60 cys; trans. volt. 44,000 v. 3 ph. 60 cys; 15,600 hp. turb. (wtr.) Morris.

T W 3 34

**BAINBRIDGE,** 4,217 — Munic. Elec. Lt. Plant; cost $30,000; bds. $17,000.

¶ Mayor, J. W. Callahan......Bainbridge
City Clerk, Oliver Fleming.... "
Treas. W. R. Newsome........ "
Mgr. City Council.............. "
*Supt. E. N. Edwards......... "
Engr. Pwr. Sta. Phil. Moore.. "

2 a. c. Stan. 288 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 400 hp. e. Cor, H. & T; 400 hp. b. Cole, Schof.

56 city arcs; 4500 city incs; moonlt; coal $3.25.

D L S 2 15E

**BARNESVILLE,** 3,068 — Central Georgia Pwr. Co. See Macon.

**BLAKELY,** 1,838—Munic. Lt. & Wtr. Plant; cost $33,000; bds. $27,000.

Mayor, M. T. Chipstead..........Blakely
Treas. W. W. Flemming ....... "
*¶ Supt. & Engr. Pwr. Sta.
E. R. Adams.................... "

2 a. c. G. E. tot. 250 kw. 2300 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day mo. cir. 2200-110 v. 3 ph. 60 cys; 250 hp. e. Flemg, H. F. & M; 300 hp. b. Schofield; also 18½ ton ice plant Frick.

9 city arcs G. E 6.6 amp. 500 w; 65 Mazdas "C" 6.6 amp. 400 & 600 c. p; moonlt; wood $2.

D I L S 3 125

**BLUE RIDGE,** 898—Munic. Elec. Lt. & Pwr. Plant; plant located 6 miles west of town; cap. $35,000; bds. $25,000.

¶ Treas. J. C. Stanberry.......Blue Ridge
*Gen. Supt. L. M. Landrum Jr. "
Engr. Pwr. Sta. G. H. Pace..Chestnut Gap

1 a. c. Allis C. 150 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 250 hp. turb. (wtr.) Smith.

35 incs. 100 w; moonlt.

D L W 3 ★125

**BOSTON,** 2,000—Munic. Elec. Lt. & Wtr. Plant; cost $22,500; bds. $22,500.

Sec. & Treas. H. L. Groover.......Boston
*¶ Mgr. Cont. Agt. & Supt.
C. C. Wilder ...................... "

1 a. c. Stan. 80 kw. 2300 v. 2 ph. 60 cys; 1 rect. Stan; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. H. O. & R; 250 hp. b. Cole.

60 city incs. 200 c. p. moonlt; wood $2, coal $3.30.

D L S 2 ✣ 125

**BREMEN,** 890—*Munic. Elec. Lt. Plant; cap. $20,000; cost $10,000.

Engr. Pwr. Sta. A. P. Upchurch..Bremen

1 a. c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. s. ph. 60 cys; 90 hp. b. Cole; 90 hp. e. H. F. & M.

90 city incs. "E;" moonlt; coal $2.50.

L S 1 3 ✣ 125

**BRUNSWICK,** 10,182—Mutual Light & Water Co. (Controlled by Brunswick Terminal & Ry. Securities Co., 30 Broad St., New York, N. Y.); cap. auth. $25,000.

*Pres. F. D. M. Strachan......Brunswick
Supt. J. M. Armstrong........ "

2 a. c. G. E. 2080-104 v. s. ph. 133 cys; 1 a. c. Ft. W. 180 kw. 125 cys; 500 hp. e. H, F. & M; 375 hp. b. Coatsv.

City cont. 58 series arcs 2000 c. p. $75 per yr; 167 Tung. 32 c. p; all nt; coal $3.70; wood $2.50.

L S 1 84a

**BUFORD,** 1,683—Munic. Street Ltg. System.

Purchases energy from Georgia Ry. & Pwr. Co.

L §15†

**BYROMVILLE,** 300—*Byromville Mfg. Co. (Elec. Plant); cap. $50,000.

Pres. W. H. Byrom...........Byromville
V. Pres. & Mgr. S. B. Byrom.. "
Sec. & Treas. W. E. Dawson.. "
Supt. M. W. English.......... "

1 d. c. W. E. — kw. 250 v; no day cir; 50 hp. e. N. Y. S; 60 hp. b. Talbot; wood and coal.

C L S ✣ 83

**CAIRO,** 1,505—Munic. Elec. Lt. & Wtr. Wks.; cost $40,000.

Mayor, M. L. Ledford ..............Cairo
Treas. J. H. Cunnell.................. "
*¶ Supt. W. A. Clifford............... "
Engr. Pwr. Sta. G. G. Gainos.............

2 a. c. C-W, Ft. W. tot. 150 kw. 2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104-110 v. 60 cys; 235 hp. e. Harris, Ball; 200 hp. b. Schof.

4 city arcs series 550 w. 6.6 amp; 76 series incs. 150 c. p; wood $2.

D L S 2 3 ✣ ★125

**CALHOUN,** 1,653—Munic. Wtr. & Lt. Plant.

*Mgr. G. F. Robinson.............Calhoun

L ★125

**CAMILLA,** 1,827—*Munic. Elec. Lt. & Wtr. Plant; cost $35,000.

Mayor, T. B. Perry.................Camilla
Chm Lt. & Wtr. Com. S. A. Nix.. "
Treas. J. C. Wilson................ "
Clerk Council, W. C. Spence...... "
¶ Mgr. Cont. Agt. & Supt.
R. L. Hoggard.................... "
Engr. Pwr. Sta. M. Spivey........ "

2 a. c. West. 200 kw. 2400 v. 3 ph. 60 cys; a. c. (nt. all the time, day in summer only) ltg. & mo. cir. 110-220 v. 60 cys; 325 hp. e. Ham. Cor. Fleming; 170 hp. b. Schof.

City cont. 100 series Tung. 60-250 w; moonlt; coal $3.45.

D L S 3 23

**CANTON,** 2,002—Munic. Wtr. & Lt. Plant; cost $30,000.

Sec. A. W. McClure.................Canton
*Supt. O. P. Galt.................... "
Ch. Engr. R. L. Johnson........... "

2 a. c. W. E. G. E. tot. 160 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 108-110 v. 60 cys; a. c. day & nt. mo. cir. 220 2200 v. 3 ph. 60 cys; 270 hp. e. Valley, H. F. & M; 250 hp. b. Cole.

100 city incs. 100 c. p. 6.6 amp. $12.60 per yr; moonlt; coal $2.35.

D L S 3 ✣ 125

**CARROLLTON,** 3,297 — Carrollton Elec. Co. (Controlled by Georgia Ry. & Pwr. Co.)

Pres. P. S. Arkwright.... } Electric & Gas
V. Pres. G. W. Brine.... } Bldg., Atlanta
Mgr. Rawson Collier........ "
Treas. I. S. Mitchell, Jr.... "
¶ Pur. Agt. W. H. Smaw... "
Supt. J. G. Cheney.............Carrollton

Reserve; 2 a. c. Ft. W. Allis C. tot. 325 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 425 hp. e. H. M. & B; 275 hp. b. Cole; energy from Georgia Ry. & Pwr. Co. 250 kw.

City cont. 187 Mazdas 60, 80 & 200 c. p. $18, $22 & $51.60 per yr; all nt; soft coal $3.

D L S 3 ✣ 16

**CARTERSVILLE,** 4,067—*Munic. Electric Lt. Plant; cost $30,000; bds. $25,000.
Chmn. Bd. Com. John P. Lewis ..Cartersville
R. M. Gaines.... "
Sec. & Treas. J. W. Vaughan "
Mgr. G. W. Young........... "
¶ Supt. J. E. Wikle.......... "
Ch. Engr. C. W. Daniel...... "
1 a. c. Stan. 200 kw. 2300-104 v. 3 ph. 60 cys; no day cir; 350 hp. e. H. F. & M; 450 hp. b. Cole.
Coal.
L S 3 ✣ 22

**CEDARTOWN,** 3,551—Munic. Water & Lt. Plant; cost $50,000; bds. auth. & outstg. $50,000, 6 p. c. int.
Chmn. H. N. Van Devander...Cedartown
Comm. O. Willingham...... "
R. A. Wood......... "
City Clerk, J. C. Walker....... "
*¶ Mgr. Supt. & Engr. Pwr. Sta.
W. T. Hardy................. "
2 a. c. Ft. W. tot. 210 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 2200-220-110 v. s. & 3 ph. 60 cys; 300 hp. e. Ball; 300 hp. b. Cole.
20 city arcs "C" series 480 w. and 80 Mazdas "C" series 400-250-100 w. 2½ cts. per kw. hr.; moonlt; coal $2.50.
D L S 1 3 15

**CLAXTON,** 1,008—Munic. Lt. & Wtr. Works; cost $2,500; bds. $2,500.
*Supt. H. F. Grimes..............Claxton
Engr. Pwr. Sta. J. S. Brozelton .. "
1 a. c. Ft. W. 45 amp. 2300 v. 3 ph. 60 cys; 1 d. c. Ft. W. 48 amp. 125 v; a.c. nt. ltg. cir. 110 v; 80 hp. e. Ball; 125 hp. b Casey, Hedges.
38 city incs. Ft. W. 100 c. p; wood $2.25.
C L S 3 ★125

**COCHRAN,** 1,531—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $34,000; bds. $40,000.
Treas. & Clerk, J. E. Cook.......Cochran
*¶ Gen. Supt., C. W. Davis... .... "
Engr. Pwr. Sta., J. G. Lyles...... "
2 a. c. Stan. Ft. W. tot. 110 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 165 hp. e. Atlas; H.M. & B; 230 hp. b. Schof.
32 a. c. series arcs 6.6 amp; moonlt; coal $3.45.
D L S 2 ✣ 15

**COLLEGE PARK,** 2,173—*Munic. Ltg. Plant.
L §16†

**COLUMBUS,** 20,554—Columbus Elec. Co. (Owns and operates Columbus R. R. Co., Gas Lt. Co. of Columbus and Columbus Pwr. Co.); cap. stk. (pfrd.) $1,200,000, (com.) $1,500,000; bds. $758,060.
Pres. Chas. F. Wallace....Boston, Mass.
V. Prests. J. Andrew Heath, Jr. " "
Harry H. Hunt.... " "
Sec. Alvah K. Todd........ " "
Treas. Henry B. Sawyer... " "
Gen. Mgrs. Stone & Webster
Mgt. Assn., 147 Milk St., " "
Mgr. Op. Cos. John S. Bleecker..Columbus
Gen. Supt. R. M. Harding...... "
Supt. Pwr. C. M. Young........ "
Supt. Trans. O. T. Gibson..... "
Purchases energy from Columbus Pwr. Co.; 2200-108 v. 2 ph. 60 cys; a. c. day & pwr. cir. 2200 v.
City cont. 177 arcs 4 amp. $60 per yr; 47 incs. 75 w. $22.50 per yr; all nt. (Co. also lts. Phoenix City and Girard, Ala.)
D R 2 ✣ 25

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Columbus Pwr. Co. (Owned and operated by Columbus Elec. Co.); cap. $1,850,000; bds. $2,429,000.
Pres. Chas. F. Wallace.....Boston, Mass.
V. Prests. Jno. S. Bleecker....Columbus
Harry H. Hunt..Boston, Mass.
Sec. Arthur A. Wilbur.. .....Columbus
Asst. Sec. Alvah K. Todd..Boston, Mass.
Treas. Henry B. Sawyer.... " "
Gen. Mgrs. Stone & Webster
Mgt. Assn., 147 Milk St., " "
Mgr. J. S. Bleecker............Columbus
Owns wtr. pwr. plant on Chattahoochee Riv. 19,000 hp; also stm. plant in Columbus 3000 hp; tot. cap. 17,150 kw. Distributes pwr. in Columbus and vicinity for ry., ltg. & mfg. purposes.
S T W 25

**COMMERCE,** 2,238—Harmony Grove Mills. Cap. $12,000.
Pres. L. G. Hardman..........Commerce
Sec. & Treas. W. B. Hardman. "
*¶ Mgr., Cont. Agt. & Supt.
L. F. Brooks................ "
Engr. Pwr. Sta. J. T. Hulburt... "
1 a. c. G. E. 70 kw. 2300 v. 3 ph. 60 cys; 1 arc G. E. 50 lts; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day mo. cir. 110-2300 v. s. & 3 ph. 60 cys; 110 hp. e. H. F. & M; 600 hp. b. Cole.
City cont. 31 arcs G. E. 6.6 amp. $75 per yr; 9 incs. 6.6 amp. $36 per yr; all nt; coal $3.60 per mo.
D L S 1 3 ✣ 16

**CONYERS,** 1,919—Panola Lt. & Pwr. Co. See Sardis, Miss.

**CORDELE,** 5,883—Cordele Elec. Co. (Controlled by Southern Utilities Co., Jacksonville, Fla.)
Pres. C. I. Day.........Jacksonville, Fla.
V. Pres. B. S. Dunlap.............Cordele
Sec. & Treas. F. G. Whitney,
Jacksonville, Fla.
¶ Pur. Agt. A. C. Bergh " "
Mgr. W. A. Belcher..............Cordele
1 a. c. G. E. 200 kw. 2300 v. s. ph. 60 cys; 1 d. c. G. E. 115 kw. 230-115 v; a. c. & d. c. day & nt. ltg. cir. 114-112-110 v; a. c. day & nt. mo. cir. 230-115 v. s. ph. 60 cys; d. c. day & nt. mo. cir. 230-115 v; 350 hp. e. Ham, Cor; 150 hp. b. Cole.
City cont. 60 arcs enc. 5.5 amp. 2000 c. p. $62.50 per yr; 30 incs. 60 c. p. 75 w. $21 per yr; all nt; coal & wood.
C D L S 1 ✣ 104

**CORNELIA,** 1,114—Wofford Shoals Lt. & Pwr. Co. Gen. sta. near Baldwin. Cap. $41,800; no bds.
Pres. S. C. Callaway...............Atlanta
V. Pres. T. M. Callaway.......... "
*¶ Sec. & Mgr. J. A. Wells.......Cornelia
Engr. Pwr. Sta. J. B. Nunnally...Baldwin
1 a. c. G. E. 100 kw. 2300-110 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 150 hp. turb. (wtr.) N. & Burn.
City cont. 55 series Tung. 80 & 100 w. $28 & $31 per yr; all nt. (Co. also lights Baldwin, Mt. Airy, Alto, and State Sanitorium near Alto.)
D L W 1 3 ✣ 125

**COVINGTON,** 2,697—*Munic. Elec. Lt. & Wtr. Plant; cost $28,000; bds. $15,000, 5 p. c. int.
Chm. R. E. Stephenson........Covington
Sec. & Treas. T. J. Shields .. "
¶ Mgr. G. R. Stephenson...... "
Engr. Pwr. Sta. F. P. Harrison. "
2 a.c. G. E. Ft. W. 44 amp. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; day mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 250 hp. e. L. & B. H. M. & B; 180 hp. b. Stir. Purchases energy from Georgia Railway & Power Co.
15 city arcs G. E. 6.6 amps; 90 incs. 400-100 w; all nt; coal $3.15. (Also lts. Oxford.)
D L S 1 3 ✣ 23

**CUTHBERT,** 3,210—Munic. Elec. Lt. & Water Plant; cost $42,000.
*Sec. & Treas. E. E. Sharley....Cuthbert
Mgr. & Supt. E. A. Turner........Atlanta
Engrs. (Day) R. Toombs....Cuthbert
Pwr. Sta. (Night) E. Elrod.... "

1 a. c. Ft. W. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir; 175 hp. e. H. F. & M; 300 hp. b. Cole.

City cont. 30 arcs 6.6 amp; 110 incs. series 100 w; moonlt; coal $8. (Also lts. suburbs.)
D L S 3 ✣ 15E

**DAHLONEGA,** 829—*The Wtr. Pwr. & Mining Co.; cap. $250,000.
Pres. Mark Hopkins........St. Clair, Mich.
¶ V. Pres. D. C. Shaw............Toledo, O.
Sec. & Treas. W. M. Bellman.. "
Mgr. & Supt. Craig R. Arnold..Dahlonega

1 a. c. Westg. 90 kw. 110 v. s. ph. 60 cys; no day cir; 150 hp. turb. (wtr.) Pelton.

City cont. 900 incs; 20 c. p; all nt.
L W 1 ✣ 74

**DALLAS,** 1,259—Dallas Lt. & Pwr. Co. (Operates under lease Paulding County Pwr. Co.)
*¶ Pres. G. W. Helms...............Dallas

2 a. c W. E. tot. 275 kw. 2300 v. 3 ph; trans. 6600 v. 3 ph; 300 hp. turb. Davis.

City cont. 16 arcs $24 per yr; 22 incs. $6 per yr. (Supplies energy to Paulding County Cotton Mfg. Co.)
L W 3 ★26†

**DALTON,** 5,324—*Munic. Elec. Lt. Plant; bds. $30,000.
Pres. Bd. H. J. Smith...............Dalton
¶ Sec. & Mgr. C. C. McCamy........ "
Supt. Wm. Burch.................... "
Engr. Pwr. Sta. Matthew Nation, Jr. "

2 a. c. Westg. tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 410 hp. e. Ball, H. F. & M; 350 hp. b. C. & H; also purchases energy from Georgia Ry. & Pwr. Co. 3 transf. Westg. tot. 1500 kva.

City cont. 98 Mazda series 250 w; moonlt; coal $2.20.
D L S 3 113

**DARIEN,** 1,739—Darien Mfg. Co. (Absorbed Darien Ice & Lt. Co. and Darien Sawmill Co.); cap. outstdg. $50,000; bds. outstdg. $20,000.
Pres. Chas. M. Tyson..............Darien
V. Pres. M. Bluestein.............. "
*Sec. R. J. Downey.................. "
Treas. J. F. Thomson............... "
Supt. W. Beckett..................... "

1 a. c. West. 50 kw 2300 v. s. ph; nt. ltg. cir; —— hp. e. H. M. & B, Schof; 250 hp. b. ——; also ice plant.

City cont. 80 incs. tot. $125 per mo; wood. (Also lts. Ridge.)
I L S 1 125

**DAWSON,** 5,000—Munic. Wtr. & Lt. Plant; cost $12,000; no bds.
*Chm. J. E. Morris...................Dawson
¶ Supt. J. D. Collier.................. "
Engr. Pwr. Sta. C. D. Marshall.... "

2 a.c. G. E. Ft. W. tot. 325 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 440 hp. e. Allis C. H. M. & B; 300 hp. b. Lombard, Cole.

City cont. 60 arcs G. E. enc. 6.6 amp; 5000 Mazdas and carbon 110 v; moonlt; coal.
D L S 3 ★16

**DECATUR,** 2,466—Suburban Gas & Elec. Co. (Controlled by Georgia Ry. & Pwr. Co.)
Pres. P. S. Arkwright..............Atlanta
V. Pres. G. W. Brine.................. "
Sec. & Mgr. Rawson Collier....... "
Treas. I. S. Mitchell, Jr............ "
Audr. H. Flynn...................... "
¶ W. H. Smaw.......................... "
Supt. Frank McMaster..............Decatur

Energy from Ga. Ry. & Pwr. Co. Atlanta, Ga., a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 57 arcs a. c. series enc. 6.6 amp. 450 w. $58 per yr; 152 Mazdas 60 c. p. $27 per yr; all nt. (Co. also lts. Kirkwood.)
D L 1 3 16

**DOERUM,** 630—*Munic. Wtr. & Lt. Plant; bds. $22,000.
Mayor, W. M. Smith.............Doerum
Supt. E. M. Fain........................ "

1 a. c. Westg. 62½ kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 90 hp. e. Ball; 100 hp. b.

28 city Mazda series 4 amp; moonlt; wood $2.
L S 3 74

**DOUGLAS,** 3,550—Munic. Elec. Lt. & Wtr. Plant; cost $80,000; bds. $50,000.
*Supt. J. C. Gillon..................Douglas
Engr. Pwr. Sta. B. F. Cato........ "

2 a. c. Westg. tot. 300 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 440-220-110 v. s. & 2 ph. 60 cys; 325 hp. e. H. F. & M, Allis-C; 450 hp. b. Cole.

Wood $1.95; coal $3.20 & $3.
D L S 1 2 75

**DOUGLASVILLE,** 1,462—Munic. Lt. & Wtr. Wks.; value (lt. dept.) $16,903.78.
*¶ Mgr. & Supt. W. J. Radcliffe
Douglasville

1 a. c. Ft. W. 70 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; pwr. cir. 220 v; 105 hp. e. H. F. & M; 125 hp. b. C. & H.

7 city arcs series 1200 c. p; 80 city incs 5 w; all nt; coal $2.65.
L S 3 ✣ 25

**DUBLIN,** 5,795—*Munic. Lt. & Wtr. Wks.; cost $60,000.
Mayor, E. R. Orr......................Dublin
Chmn. D. L. Emerson................ "
Clerk, C. A. Weddington........... "
Treas. J. S. Simmons................ "
¶ Supt. D. F. Sams..................... "
Ch. Engr. Pwr. Sta. W. J. Chapman "
Asst. Engr. Pwr. Sta. A. J. Cherry "

3 a. c. Ft. W. tot. 612 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-220 v. 3 ph. 60 cys; 1000 hp. e. Murray, Harrisbg, Sknr; 550 hp. b. Cole, Schof.

65 city arcs Ft. W. 20 city incs. series 6.6 amp; moonlt; coal $3.40.
D L S 3 ✣ 22

**EASTMAN,** 2,355—*Eastman Lt. & Ice Co.
¶ Owner & Mgr. W. E. Dawson.Eastman

1 a. c. W. E. 75 kw. 2300-110 v. 3 ph. 60 cys; pwr. cir. 220 v; 120 hp. e; 120 hp. b.

City cont. 36 arcs $85 per yr; 15 incs; moonlt. 2 A. M. mdnt; wood $1.50.
I L S 3 ✣ 16†

**EAST POINT,** 3,682—Munic. Elec. Lt. & Wtr. Wks.; cost $215,000; bds. $85,000.
Mayor, F. J. Allen..............East Point
Sec. A. T. Spaulding............. "
Treas. B. B. Baker................. "
*¶ Supt., Ch. Engr. & Cont. Agt.
O. E. Green......................... "

Energy purchased from Georgia Ry. & Pwr. Co.; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 & 2200 v. s. or 3 ph. 60 cys.

273 series tung. 100 w. $27 per yr. moonlt.
L S 3 ★16

**EATONTON,** 2,036—Putnam Mills & Pwr. Co.; cap. auth. $75,000.

Sec. & Treas. M. H. Floyd......Savannah
*Mgr. T. B. Floyd, Jr...............Eatonton
Supt. W. O. Sligh................ "

1 a. c. G.E. 250 kw. 3450 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir 220 v. 3 ph. 60 cys; 290 hp. e. Ham, Cor; 450 hp. turb. (wtr.) Smith; 250 hp. b. Schof.

City cont. 70 Mazdas 100 & 60 w. $35 & $18.50 per yr; all nt; coal $3.25.

D L S W 3 ★125

**EDISON,** 841—Munic Wtr. & Lt. Plant; cost $3,300; bds. outstdg. $3,200.

Mayor, E. B. Fields.................Edison
City Clerk & Treas. B. Bass........... "
¶ Pur. Agt. W. R. McGehee....... "
*Supt. W. H. Whatley............. "
Engr. Pwr. Sta. Joe Hitson.......... "

1 a. c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; no day cir; 75 hp. e. Flemg; 80 hp. b. Cole.

—— city Mazdas 12½ cts. per kw; moonlt; wood $2.

L S 3 ✠ 15

**ELBERTON,** 6,483—Munic. Wtr. & Lt. Plant (2 gen. plants, 1 steam & 1 hydro-elec.); bds. $17,000.

Elec. Lt. Committee
J. A. Ginn, Chmn..Elberton
J. E. Thorntou .... "
W. E. Wallace..... "
*Gen. Supt. S. W. Allen.......... "
Engr. Pwr. Sta. P.W. Cleveland "

2 a. c. Stan, Ft. W. tot. 290 kw. 2300-6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. Fitch; 160 hp. b. Lombard; 250 hp. wtr. wh. Davis.

30 city arcs series 6.6 amp; 60 city incs. 100 c. p; coal $4.

D L S W 1 3 25

**FAIRBURN,** 1,395—Wtr. & Lt. Committee, (Munic.); cost $30,000.

*City Clerk, (Chrmn.) W. B. Green. Fairburn

Purchases energy from Georgia Ry. & Pwr. Co. of Atlanta; day & nt. service. Furnishes energy to Fairburn & Atlanta Ry. & Elec. Co.

D L 125

**FITZGERALD,** 5,795—Water, Light & Bond Comn.; cost $70,000; bds. $58,000.

Chmn. Ed. Hussey.............Fitzgerald
Sec. A. H. Thurman........... "
Treas. & City Clerk, G. P. Mingledorff............ "
*Mgr., Supt. & Ch. Engr. W. A. Green................. "

3 a. c. Westg, Ft. W. tot. 655 kva. 2300 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 975 hp. e. L & B, Harrisburg; 550 hp. b. U. I.W.

70 city arcs. Westg. mult. 6.6 amps; 75 5-lt. cluster posts 100 w; moonlt; coal $3.30; wood $2.

D L S 3 25

**FORSYTH,** 2,208 — Central Georgia Pwr. Co. See Macon.

**FORT VALLEY,** 2,697—Munic. Wtr. & Elec. Lt. Plant; cost $11,185; bds. outstg. $12,000.

Sec. & Treas. J. D. Kendrick, Fort Valley
*¶Mgr. & Cont. Agt. J. L. Fincher "
Engr. Pwr. Sta. Jas. G. Bostwick "

1 a.c. Stanley 108 kw. 2300-104 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v, 60 cys; 200 hp. e. Bates; 160 hp. b. Schof.

75 Mazdas 250 c. p; 1500 incs. 10 cts. per kw; all nt; moonlt; coal $3.10.

L S 2 125

**GAINESVILLE,** 5,925—Gainesville Ry. & Pwr. Co. (1 gen. sta. at Gainesville and 1 at New Bridge); cap. $130,500; bds. outstdg. $130,500.

Pres. W. A. Carlisle...........Gainesville
¶ V. Pres., Treas. & Mgr. W. H. Slack...................Gainesville
Sec. Ophelia Merck...... .... "
*Gen. Supt. D. L. Evans....... "

2 a. c. West. tot. 900 kw. — v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 2 ph. 60 cys; 270 hp. e. West; 300 hp. b. Cole; 1500 hp. turb. wtr. Holyoke.

Moonlt.

D L S W 1 2 3 75

Georgia Ry. & Pwr. Co. See Atlanta.

**GREENVILLE,** 909—Munic. Wtr. & Lt. System; cost $30,000.

Mayor M. Z. Oneal...............Greenville
Clerk & Treas. D. O. Philipps. "
¶ Mgr., Cont. Agt. & Ch. Engr. H. B. Adcock................. "

1 a c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110 v. s. ph. 60 cys; 100 hp. e. H. M. & F. Co., F. & M. Co; 125 hp. b. Cole.

City cont. 2 arcs. enc. 1200 c.p. $72 per yr; 45 Mazdas "C" 100 c.p. $24 per yr; coal $3.05.

L S 1 3 §105

**GRIFFIN,** 7,478—Munic. Lt., Water & Sewerage Plant; cost $151,000; bds. outstg. $104,000.

Light, Wtr. & Sewerage Comn.
Chmn. J W. Hammond Griffin
Treas. O. S. Tyus... "
C. B. Thomas....... "
Audr. J. A. Gammon "
*Supt. G. J. Drake.. "

1 a.c. G. E. 240 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 350 hp. e. Erie, Ball; 350 hp. b. Cole. Purchase energy from Central Georgia Pwr. Co; 450 kva. Westg. transf. 6600-2300 v.

146 series Mazdas 250 c.p., 100 c.p. & 400 c.p; all nt; coal $3.

D L S 3 ✠ 16

Towaliga Falls Power Co. (Pwr. plant on Towaliga Riv, 18 miles from city); cap. outstg. $150,000; bds. $64,000.

Pres. S. Grantland.................. Griffin
V. Pres. W. J. Kincaid............. "
Sec. & Treas. H. W. Barnes......... "
*Supt. Frank Mayes................. "
Engr. Pwr. Sta. Clifford Gruble R. F. D. 6, Jackson

3 a. c. Stan. G. E. tot. 3900 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,500 v; pwr. cir. 2200-550 v 3 ph. 60 cys; 3200 hp. turb. Holyoke, Lef; 750 hp. e. Bates; 550 hp. b. Erie.

Coal $3.15.

S T W 3 15

**HAMPTON,** 1,093 — Central Georgia Pwr. Co. See Macon.

**HARTWELL,** 2,007—Franklin Lt. & Pwr. Co. One steam plant and one water plant (leased).

Pres. J. B. McCrary.................Atlanta
V. Pres. W. M. Fombraugh....... "
Sec. J. O. Campbell................ "
*¶ Mgr. Albert L. Couch...........Hartwell
Ch. Engr. R. S. Grant............ "
Engr. Pwr. Sta. Carlo Hilliard .. "

2 a. c. Ft. W. Bull. tot. 319 kw. 2300 v. 3 ph. 60 cys; 4 arc mch. G. E. Ft. W. tot. 50 kw; trans. volt. 22,000 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 110-220-2200 v. 3 ph. 60 cys; 330 hp. b. Cole, Lomb; 500 hp. e. Skinr, H. F. & M; 100 hp. turb. (wtr.) Davis.

City cont. 30 arcs G. E. 6.6 amp. $30 per yr; 75 incs. series 6.6 amp. $12 per yr; moonlt; coal $3.40. (Co. also lts. Canon, Lavonia, Royston and Bowersville.)

D L S W 3 ✠ 125

**HAWKINSVILLE,** 3,420—Electric Lt. Plant (Munic.).
City Clerk, Jesse Bitt........Hawkinsville
*Gen. Supt. E. L. Wilson... "

2 a. c. Westg. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c day mo. cir. 110-220 v. s. & 3 ph. 60 cys; 325 hp. e. H. F. & M. Wis. Cor; 810 hp. b. Schof.

City cont. 33 arcs 2000 c. p. $75 per yr. moonlt; coal $3.50. (Will install 75 kva. 2300 v. 3 ph. gen. and direct connected engine H. M. & B.)
D L S 1 3 15

**HAZLEHURST,** 1,181 — Munic. Elec. Lt. Plant; cost $18,000; bds. $18,000.
Clerk, C. A. Latimer..........Hazlehurst
*Supt. & Engr. Pwr. Sta
R. C. William.............. "

1 a. c. Ft. W. 34.5 kva. 2300 v. 3 ph. 60 cys; a. c. nt. (until 1 A. M.) ltg. cir. 110 v; 175 hp. e. Platt Iron Works; 125 hp. b. Schof.

City cont. 45 Tungsten; moonlt; wood $2.
L S 3 ✣ 75

**HOGANSVILLE,** 1,230 — Hogansville Elec. Lt. Plant (Munic.)
*City Clerk, J. H. Smith.....Hogansville

1 a. c. Stan. 65 kw. 2400-104 v. 2 ph. 60 cys; 75 hp. e. C. & T; 80 hp. b. Cole.

26 city arcs 2000 c. p. $75 per yr: 2 incs. 50 c. p. $35 per yr; moonlt. 2. A. M; coal.
L S 2 ✣ 551

**JACKSON,** 1,862—Munic. Wtr. & Lt. Plant.
Chmn. J. C. Jones.................Jackson
Treas. W. H. Wilson............ "
*Gen. Mgr. & Supt. W. E. Merck "

Energy purchased from Central Georgia Pwr. Co; 3 transf. Westg. tot. 450 kva: a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440-220 110 v. s. & 3 ph. 60 cys.
D L 1 3 ✣ 125

**JONESBORO,** 970 — Munic. Elec. Lt. Plant; cost $6,000.
Mayor, W. S. Archer...........Jonesboro
*Supt. A. C. White.............. "

1 d. c. De L. 1500 kw. 220 v; 55 hp. turb. Delaval; 60 hp. b. Cole.

2 city arcs and 35 city incs. 50 c. p; moonlt; coal $3.25.
C L S 15E

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Central Georgia Pwr. Co. See Macon.

**KIRKWOOD,** 1,226—Suburban Gas & Elec. Co. See Decatur.

**LA GRANGE,** 5,587—Munic. Elec. Lt. Plant; cost $80,000; bds. $25,000.
Sec. & Treas. T. J. Harwell....La Grange
*¶Mgr., Supt. & Cont. Agt.
R. W. Underwood........... "
Ch. Engr. H. W. Candle....... "

3 a. c. C-W Westg. tot. 400 kw. 2300 v. 3 ph. 60 cys: 4 arc mchs. Westg. 200 lts; a. c day & nt. ltg. cir. 108-110-112 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. s. & 3 ph. 60 cys; 600 hp. e. Ball; 450 hp. b. Cole, Lombard; also purchases energy from Columbus Power Co.

120 city arcs West. 500 w. $70 per yr; 80 incs. Edison "C" 250 cp. $25 per yr; moonlt; coal $2.60.
D L S 1 3 ✣ ★125

**LAVONIA,** 1,712—Franklin Lt. & Pwr. Co. See Hartwell.

**LAWRENCEVILLE,** 1,518 —*Lawrenceville Mfg. Co. (Operates plant owned by J. B. McCrary Co., Atlanta; city owns trans. lines); cost $8,000.
Mayor, N. S. Robinson....Lawrenceville
City Clerk, Jno. S. Brown. "
Elecn., C. W. Houston...... "
Engr. Pwr. Sta. W. P. Webb "

1 a. c. — kw. Ft. W. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; mo. cir. 220 v; 90 hp. e. H. M. & B; 100 hp. b. Cole; also purchases energy from Georgia Ry. & Pwr. Co.

City cont. 60 incs. 6.6 amp. 80 w; coal.
L S 3 75

**LITHONIA,** 1,428—Panola Lt. & Pwr. Co. See Sardis, Miss.

**LOUISVILLE,** 1,039 — Munic. Water Wks & Elec. Lt. Plant; cap. outstdg. $20,000; bds outstdg. $10,000.
Mayor, R. F. Bethda...........Louisville
City Clerk, J. H. Polhill........ "
*¶Cont. Agt. Supt. & Engr. Pwr.
Sta. W. E. Hudson............ "

2 a.c. Stan, Ft.W. tot. 165 kw. 2300 v. 2 & 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 175 hp. e. H. & T; 200 hp. b. Cole.

55 city street series Tung. 6.6 amp. $90 per yr; 1000 Mazdas meter; mdnt; coal $3.70.
L S 2 3 ✣ 15

**LUMBER CITY,** 1,195—Lumber City Lt. & Pwr. Co.; cap. $6,000.
Pres. & Mgr. A.W. Johnson.Lumber City

City cont. 11 arcs W. E. $67.50 per yr; all nt; refuse.
L ✣ 125†

**LYONS,** 927—Munic. Elec. Lt. Plant; bds. $33,000.
Clerk E. F. Parker............. Lyons
*¶Supt. & Ch. Engr. O. C. Tate.... "

1 a. c. 22 kw. 3 ph. 60 cys; nt. ltg. cir. 110 v; 2 stm. engines; 1 boiler.

11 city arcs. Ft. W; 15 incs; moonlt. wood $2 25 per cord.
L S 3 75

**McDONOUGH,** 882—Elec. Lt. Plant; cost $12.000.
*Owner, J. G. Smith.........McDonough

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110-2300 v. s. & 3 ph. 60 cys; 175 hp. e. Allis-C; 118 hp. b. Cole.

City cont. 40 series incs. 100 & 250 c. p. $24 & $48 per yr; all nt; coal $2.30 f. o. b.
L S 1 3 ✣ 125

**McRAE,** 1,160 — *Munic. Electric Lt. Plant; cost $10,000.
Mgr. & Supt. W. S. Jessop........McRae
Ch. Engr. A. J. Brown............. "

1 d. c. inc. Northn. — kw. 120 v; 1 a. c. inc. Stan. 108 kw. 2300-100 v. 2 ph. 60 cys; 150 hp. e. H. F. & M; — hp. b. Cole.

2 com. arcs 1200 c. p. $72 per yr; all nt; coal.
C L S 2 ✣ 24†

**MACON,** 40,665—Georgia Lt., Pwr. & Rys.—Gen. office, 149 Broadway, New York, N.Y. (Voluntary organization and controls Macon Ry. & Lt. Co., Macon Gas Co., Central Georgia Pwr. Co. and Central Georgia Transm. Co.)
Pres. Geo. P. Toby......New York, N.Y.
V. Pres. John D. Everitt.. " "
*Sec. & Treas. F. B. Lasher " "
Asst. Sec. & Asst. Treas.
W. E. Fulcher.......... " "
★125

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Macon Ry. & Lt. Co. (Controlled by Georgia Lt., Pwr. & Rys.); cap. auth. $1,200,000; bds. auth. $1,000,000.
Pres. W. H. Felton.................Macon
V. Prests. { Philip G. Gossler New York, N. Y.
V. Prests. { L. S. Dure.............Macon
Sec. E. W. Cabaniss................ "
Treas. Richard Ouderslays ......... "
*Gen. Mgr. & Ch. Engr. L. A. Magraw "

Cont. Agt. W. L. Southwell .......Macon
¶ Pur. Agt. S. W. Hatfield. ........ "
Supt. L. P. Jones.................... "
Engr. Pwr. Sta. A. M. Howell...... "

(Aux. plant); 2 a. c. G. E. Westg. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. tot. 500 kw. 600 v; 10 rect. G. E. 550 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d.c. day & nt. mo. cir. 600 v; 750 hp. e. Ham. Cor; 4000 hp. stm. turb. G. E Westg; 2400 hp. b. Bab. & W; purchase energy from Central Georgia Pwr. Co.; 3 transf. Westg. tot. 4500 kw.

City cont. 600 arcs 4 amp. $60 per yr; 11 incs. 4 amp. $24 per yr; all nt.

C D R S 3 125

Central Georgia Pwr. Co. Plant located on Ocmulgee River, at Lloyd Shoals, 8 miles southeast of Jackson. (Controlled by Georgia Lt., Pwr. & Rys.); cap. $4,000,000; bds. $3,000,000.

Pres. W. H. Felton.................Macon
V. Prests. { Jas. G. Campbell New York, N. Y.
L. S. Dure..............Macon
Sec. & Treas. Wilbur Tusch New York, N. Y.
Mgr. & Ch. Engr. L. A. Magraw...Macon
Cont. Agt. W. L. Southwell........ "
¶ Pur. Agt. S. W. Hatfield......... "
Supts. { G. E. Denman............ "
T. S. Sloan............... "
Engr. Pwr. Sta. J. K. Sitton.....Jackson

6 a.c. Westg. tot 18,000 kw. 2300 v. 3 ph. 60 cys; 66,000 v. trans; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 6600 v. 3 ph. 60 cys; 33,000 hp. (wtr. wh.) Smith.

(Also serves Forsyth, Barnesville, Jackson, Monticello, Griffin, Hampton, Thomaston and Jonesboro; sells energy to Georgia Ry. & Pwr. Co.)

D N W 3 125

**MADISON,** 2,412 — Munic. Elec. Lt. & Wtr. Plant; cost $20,000.

Clerk & Treas. W. C. Parker.....Madison
*¶ Supt. G. W. Hubbard.......... "
Engr. Pwr. Sta. J. H. Wheeler... "

2 a. c. G. E. Ft. W. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Russell, H. F. & M; 225 hp. b. Russell, Cole.

40 city arcs G. E. 500 w; 30 incs. 40-250 w; moonlt; all nt; coal $3.10.

L S 3 ✠ 125

**MANCHESTER,** 922 — Munic. Light Plant. P. O. Box 596; cost $15,000.

Mayor, W. T. Moore..........Manchester
Chm. Lt. Com. J. W. Burke... "
Clerk, Sec. & Treas.
Dr. R. W. Stephens....... "
*¶ Cont. Agt. & Supt.
L. E. Hudson................. "
Engr. Pwr. Sta. Clifford Phelps "

1 a. c. Ft. W. 100 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. ph. 60 cys; 150 hp. b. Cole.

85 city arcs street series 4 amp. 100 w; moonlt; coal. (Also lts. Bullochville and Warm Springs.)

D L S 1 3 15

**MANSFIELD,** 589 — Munic. Lighting System.

*Clerk, J. G. Harwell, Jr.......Mansfield

Energy purchased from Georgia Ry. & Pwr. Co.

L §16†

**MARIETTA,** 5,949—Kennesaw Paper Co.

*Mgr. Clarence E. Power........Marietta
Supt. J. M. Randolph............. "

3 a. c. Stan. tot. 492 kw. 2300-104 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 108 v; 265 hp. motors; 1875 hp. e. Allis-C; 6600 hp. b. Bab. & W.

Coal $2.30.

D L S 2 ✠ ★16

Marietta Board of Lts. & Wtr. Wks. (Munic.); 200 Church St.; cost $35,000; bds. $20,000.

Chm. T. A. Gramling..............Marietta
V. Chm. S. D. Rambo............. "
Sec. Miss M. E. Edwards ......... "
Treas. N. M. Mayes................ "
*¶ Mgr. Cont. Agt. & Supt.
L. C. Boykin..................... "
Engrs. { (Nt.) L. A. Washington. "
(Day) D. T. Baker....... "

Energy purchased from Georgia Ry. & Pwr. Co.; 3 transf. G. E. tot. 500 kw; 1 a. c. Allis-C. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440-1100-2300 v. s. & 3 ph. 60 cys; 300 hp. b. Cole; 250 hp. e. Allis-C. (Steam plant held in reserve )

City cont. 375 series Tungsten 250 & 100 c. p. tot. $300 per month; coal $1.50.

D L S 1 3 ✠ 15

**MEIGS,** 697—Water & Light Dept. (Munic.); cost $30,000; bds. $20,000.

Mayor, M. Wilkes ....................Meigs
*Sec. L. K. Boswell................. "
Treas. G. L. Burch.................. "
¶ Gen. Supt. V. H. Harris........... "

1 a. c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 85 hp. e. H. M. & B; 160 hp. b. Ames.

32 city incs. series 100 & 150 c. p; 8 5-lt. standards; moonlt; coal $3.55. wood $2.

L S 3 ✠ ★125

**MILLEDGEVILLE,** 4,385 — Oconee River Mills (Elec'l Dept.).

*Pres. W. T. Conn...........Milledgeville
V. Pres. & Gen. Mgr. A. J. Carr "
Sec. E. A. Tigner............ "
Gen. Supt. J. R. Black...... "

4 a. c. Ft. W. G. E. tot. 600 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 550-440-220-110 v. s. & 3 ph. 60 cys; 450 hp. e. H. F & M; 500 hp. wtr. wh. Smith; 500 hp. b. Heine.

City cont. 26 arcs Ft. W. 6.6 amp; 62 Mazdas "C" 250 c. p; all nt; coal.

D L S W 1 3 ✠ ★125

**MILLEN,** 2,030 — Munic. Lt. & Wtr. Plant; cost $28,000; bds. $27,000.

Mayor, J. O. Parker.................Millen
Comrs. { M. Burke................. "
R. W. Matthews.......... "
J. C. Williams............ "
S. C. Parker .... ....... "
M. L. Gregory........... "
*Mgr. & Supt. H. B. Davis......... "

1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. b. Cole.

6 city arcs; moonlt; coal $3.25. (Installing 100 hp. b.)

L S 3 ★16

**MONROE,** 3,029—*Munic. Wtr. & Elec. Lt. Plant; cost $54,000; bds. $40,000.

Mayor, E. W. Roberts.............Monroe
City Clerk, Jackson Arnold....... "
¶ Mgr. & Ch. Elecn. J. W. Butts, Jr. "

1 a. c. Stan. 125 kw. 2300-220-110 v. 2 ph. 60 cys; a c. day cir. 110 v. 2 ph. 60 cys; 185 hp. e. Allis-C; 300 hp. b. R. D. Cole. Purchases energy from Georgia Ry. & Pwr. Co.

20 city arcs — c. p; 39 incs. 50 c. p; coal $3.20.

D L S 2 23

**MONTEZUMA,** 1,630—The Montezuma Lt. & Pwr. Co.; cap. outstg, $20,000.

¶ Pres. & Mgr.
W. H. McKenzie..............Montezuma
*¶Sec. L. M. Gardner.......... "
Gen. Supt. S. A. Maddox.... "

1 a. c. Westg. 150 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; 125 hp. e. H. F. & M.; purchases steam from The Montezuma Mfg. Co.

City cont. 130 incs. carbon, 16 c. p. $12 per yr; all nt; coal $3.

D L S 1 ✠ ★125

**MONTICELLO,** 1,508—Munic. Elec. Lt. & Wtr. Plant. (City purchased plant of Monticello Elec. & Mfg. Co.)
*Mayor, H. B. Kelly............Monticello
Sec. & Treas. J. B. Henderson. "
¶Mgr.& Cont.Agt. W.J. Phillips "
Supt. & Ch.Elecn. C. W. Oxford "

1 a. c. G. E. 60 kw. 1150-110 v. s. ph. 125 cys; a. c. ltg. cir. 110 v; 75 hp. e. Woodbury; 125 hp. b. Scofield. Purchase pwr. from Central Georgia Pwr. Co.

11 city arcs $96 per yr; 75 incs. 16 c. p. $12 per yr; midnt; coal $3.40, wood $2.

L S 1 ★125†

***MORGAN FALLS**—Georgia Ry. & Pwr. Co. See Atlanta.

**MOULTRIE,** 3,349—Munic. Lt. & Wtr. Wks; bds. $40,000.
Mayor, W. J. Vereen.............Moultrie
Chm. Wtr. & Lt. Com.
E. Reynolds.................. "
*¶Supt. J. M. George............ "
Ch. Engr. George Cox....... "

3 a. c. Westg. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 220-2200 v. 3 ph. 60 cys; 750 hp e. Ball; 400 hp. b. Schof.

City cont. 50 series incs. 250 c. p. $18 per yr; 480 mult. incs. 100 w. 60 w. & 40 w. $5 per yr; moonlt; wood $2; coal $3.30.

D L S 3 ★125

**NASHVILLE,** 293—*Munic. Elec. Lt. & Wtr. Plant; cost $25,000.
Mayor, A. W. Patterson.........Nashville
Wtr. & Lt. Comrs. { Chairman, W. H. Tygart "
A. C. Sweat............ "
J. J. Giddius............ "
¶ Mgr. & Engr. Pwr. Sta.
A. W. Wheeles.................. "

1 a. c. Stan. 90 kw. 2300-110 v. 2 ph. 60 cys; a. c. ltg. cir. 110 v. s. ph. 60 cys; 125 hp. b. Cole.

City cont. 30 incs. Tung. 100 w; all nt; moonlt; wood $2.25, coal $4.00.

L S 1 2 ✠ 22

**NEWNAN,** 5,548—Munic. Ltg. System; cost $60,000; bds. $30,000.
Bd. Water & Light Commission { Chmn. H. H. North..Newnan
J. R. McCollum.... "
F. M. Lee.......... "
Sec. W. J. Holmes................ "
*¶ Supt. A. A. Passolt............ "
Engr. Pwr. Sta. J. T. Mayfield... "

Energy purchased from Columbus Pwr. Co; 3 transf. G. E. tot. 300 kva; 2 a.c. C-W- tot. 300 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 450 hp. e. H. F. & M; 300 hp. b. Cole.

32 city arcs a. c. series 6.6 amp. $62.40 per yr; 160 city incs. a.c. series 80 c.p. $24 per yr; all nt.

D L S 1 3 ✠ 25

**NORCROSS,** 968—*Munic. Ltg. System; cost $5,000; bds. $5,000.
Chmn. Lt. Com. S. Cain.... .Norcross

Buy energy from Georgia Ry. & Pwr. Co.; 2200-220-110 v. 60 cys; pwr. cir. 220 v.

15 city arcs; 6 city incs; all nt.

L X 113

**NORMAN PARK,** 648—*Munic. Elec. Lt. Plant.
Mayor, J. B. Yorman.......Norman Park
Supt. T. E. Howell........ " "

1 a. c. Ft. W. 50 kw. 2300 v. — ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e. ——; 100 hp. b. Schof.

12 city mult. arcs 5 amp; mdnt; wood $2.

L S X 14†

**OCILLA,** 2,017—Munic. Wtr. & Lt. Plant; cost $28,000; bds. $19,000.
Sec. & Treas. E. L. Cadwell.........Ocilla
*¶ Mgr. Cont. Agt. & Supt.
Roy J. Wilson........................ "

1 a. c. Bull. 25 amp. 2300 v. 3 ph. 60 cys; a. c. day (in summer) & nt. ltg. cir. 110 v. 60 cys; 140 hp. e. Allis-C; 200 hp. b. Schof.

10 city arcs A. B. 6.6 amp; 35 incs. G.E. 6.6 amp; all nt. except moonlt; slabs $1,200 per yr.

D L S 3 15E

**PALMETTO,** 922—Palmetto Lt. Plant.
*Owner & Mgr. B. W. Cochran.Palmetto
Engr. Pwr. Sta. Jno. H. Ray..... "

1 a.c. Westg. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1 turb. (wtr.) Leffel.

City cont. 60 & 100 w. Mazdas $18 & $24 per yr.

L W 1 3 ✠ 75

**PELHAM,** 1,880—Pelham Public Utilities (Wtr., Ice & Lt.)
Lessee, R. E. Ludwig.St. Petersburg, Fla.
*Mgr. Wm. Cook.....................Pelham
Supt. & Engr. Pwr. Sta. J.T.Flynt "

2 a. c. C-W. 400 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 550 hp. e. H. F. & M, Chuse; 400 hp. b. Schof, C. & H; also 15 ton ice plant (York).

24 city arcs. A-B. 6.6 amp; 20 incs. 82 c. p.; (st. lts. free); all nt; coal $3.40.

D I L S 3 ✠ 23

**QUITMAN,** 3,915—Water & Light Dept; cost $30,000; bds. $10,000, 6 p. c. int.
Treas. A. W. Voight..............Quitman
*Mgr. M. N. Haygood............ "
Supt. F. C. Hertz................. "

2 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220-2300 v. 3 ph. 60 cys; 900 hp. e. Ames; 348 hp. b. Bab. & W. St r.

75 city Tung. 500 w; coal $3.40.

D L S 3 ✠ 16

**RICHLAND,** 1,250—Munic. Water & Lt. Plant; cost $25,000; bds. $15,000.
*Mgr. R. J. Dixon.................Richland
Supt. R. A. Goare................ "

1 a. c. Warren 100 kw. 1100-110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 125 hp. e. Cor: 200 hp. b. Schof.

60 Tung. series 6.6 amps; coal $3.40.

L S 1 125

**ROCKMART,** 1,034—Munic. Elec. Lt. & Pwr. Plant; cost $16,000; bds. $7,000.
Mayor, R. R. Beasley...........Rockmart
Treas. J. N. Roberts............ "
Mgr. W. T. Campbell......... "
*Gen. Supt. J. B. Cooper....... "
Engrs. Pwr. Sta. { J. M. Carlton.... "
D. P. Williams.. "

2 a. c. Ft. W, Allis-C. tot. 206 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 220-110 v. s. & 3 ph. 60 cys; 325 hp. e. H. F. & M, Ames; 180 hp. b. W. & W, Cole.

22 city arcs 450 w; city incs. 50 w; moonlt; coal $2.70.

D L S 1 3 ★125

**ROME,** 12,099—Rome Ry. & Lt. Co.; cap. outstanding $650,000; bds. outstanding $750,000.
Pres. S. A. Culbertson....Louisville, Ky.
V. Pres. & Gen. Mgr.
S. S. Bush............ " "
Sec. & Treas. Geo. W. Lewis " "

*¶ Supt. H. J. Arnold................Rome
Engr. Pwr. Sta. W. A. Ford........ "

Energy purchased from Georgia Ry. & Pwr. Co., 5 transf, G. E. tot. 3500 kw; 3 rot. conv. G. E. tot. 700 kw; 3 a. c. G. E. tot. 1750 kw. 2300 v. 3 ph. 60 cys; 5 rect. G.E. 4 amp. 250 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1750 kw. turb. (stm.) G. E; 1000 hp. b. Stir. Vogt.

City cont. 240 G. E. magn. arcs 4 amp. $55 per yr; 4 incs. 125 w. $27.50 per yr; all nt; coal $2.40.

D R S 1 3 125

**ROSSVILLE,** 1,059—Chattanooga Ry. & Lt. Co. See Chattanooga, Tenn.

**ROYSTON,** 1,422—Franklin Lt. & Pwr. Co. See Hartwell.

**SANDERSVILLE,** 2,641—*Munic. Wtr. & Lt. Plant.

Wtr. & Lt. Com. { Newman Wood, Chm. Sandersville
W. A. Bell............ "
C. F. Irwin............ "
Sec. & Treas. J. M. Armstrong "
Supt. Ch. Engr. & Elecn.
I. N. Lozier............... "

3 a. c. G. E. Westg. tot. 275 kw. 2300-104 v. 3 ph. 60 cys; 405 hp. e. Flem. Sknr; 300 hp. b. Lomb.

44 city arcs; 60 Tung; 100 st. series incs. moonlt. (Also lts. Tennille.)

L S 3 ✠ 23

**SAVANNAH,** 65,064—Savannah Elec. Co., Bay & Whitaker Sts. (Operates under lease Savannah Pwr. Co.'s sta. tot. cap. 11,000 kw: owns sta. on Indian Street tot. cap. 300 kw.); cap. (pfrd.) $1,000,000, (com.) $2,500,000; bds. $2.147,000.

Pres. Geo. J. Baldwin.........Savannah
V. Prests. { Chas. F. Wallace. Boston, Mass.
Harry H. Hunt.. "
Thomas S. Blumer "
Sec. Gordon C. Carson..........Savannah
Asst. Sec. Alvah K. Todd..Boston, Mass.
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster Mgt. Assn.
147 Milk St., Boston, Mass.
Mgr. Howard C. Foss..........Savannah
Cont. Agt. E. S. Roberts....... "
¶ Pur. Agt. A. L. P. Smith.... "
Gen. Supt. Jefferson L. Alexander "
Supt. Lines W. B. Purse....... "
Engr. Pwr. Sta. A. L. Berry..... "

4 a.c. G. E, Westg, Allis C. tot. 11,500 kw. 2300 v. 2 ph. 60 cys; 1 d.c. G.E. 800 kw. 550 v; 15 rect. 300 lts; a. c. & d. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 2300-220-110 v. s. & 2 ph. 60 cys; d.c. day & nt. mo. cir. 500-220-110 v; trans. volt. 13,200 v. 3 ph. 60 cys; 1200 hp. e. Cpr, Cor; 15.400 hp. turb. (stm.) Westg, Allis C, G. E; 5510 hp. b. Bab. & W, Stir; 25 amp. stor. bat. E. S. B.

City cont. 731 arcs magn. 4 amp. $60 per yr; 7 Mazda 75 w. $25.50 per yr; all nt; coal $3.90. (Co. also lts. Thunderbolt).

C D R S 1 2 3 ✠ 25

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Savannah Ltg. Co., 121 Whitaker St; cap. outstdg. $775,000; no bds.

Pres. J. J. Cummings...........Savannah
V. Pres. H. S. Cummings....... "
Sec. Treas. & Mgr.
S. O. Sauls..................... "
*Supt. L. M. Tison............. "
Ch. Engr. T. H. Walker........ "

6 a.c. G. E. Allis-C. Westg tot. 7350 kw. 2300 v. 2 ph. 60 cys; 4 d. c. G. E. Westg. 700 kw. 250 v; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 2 ph. 60 cys; d.c. ltg. cir. 113 v; d. c. mo. cir. 110-220 v; 600 hp. e. Harrisbg; 6750 kw. stm. turb. Allis C. Westg; 2250 hp. b. Bab. & W; 3 rot. conv. Westg. tot. 400 kw; 1 mo.-gen. G. E. 300 kw.

Coal and refuse.

C D L S 2 ★16

**SENOIA,** 1,111—*Senoia Elec. Lt. & Pwr. Co. Power plant 3 mi. from city; cap. $5,000; no bds.

Pres. W. B. Baggarly................Senoia
V. Pres. H. L. Ware..... .......... "
Sec. & Treas. —— —— .......... "

100 hp. turb. (wtr.)

90 city incs. 33 c. p; moonlt. 12 P. M.

L W 125

**SHELLMAN,** 985—Munic. Lt. & Wtr. Plant; cost $27,000; bds. $18,000.

Mayor, M. W. Cox...............Shellman
*Clerk (Supt.), C. P. Payne..... "
Treas. F. C. Sears .............. "

1 a.c. Stan. 50 kw. 2300 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 65 hp. e. Valley; 180 hp. b. Schof, Cole.

50 city incs. series 6.6 amp; moonlt. mdnt; coal $3.50.

L S 1 125

**SOCIAL CIRCLE,** 1,590—Munic. Elec. Plant; cost $20,000; bds. $12,000, at 5 p. c.

Mayor, W. B. Spearman.....Social Circle
*Sec. & Treas. R. L. Cook... "
Supt. F. J. Rowe ............ "
Engr. Pwr. Sta. W. B. Whitley "

1 a. c. W. E. 75 kw. 2300 v. 2 ph. 60 cys; a. c. ltg. cir. 110 v. 2 ph. 60 cys; a. c. mo cir. 220 v. Purchases energy from Georgia Ry. & Pwr. Co.

City cont. 18 W. E. 1 hp. $50 per yr; 1500 incs. 50 w. $60 per yr; coal $5.00.

L 2 ✠ ★115w

**SPARKS,** 842—*Munic. Wtr. & Lt. Plant; cost $20,000; bds. $20,000.

¶ Supt. & Engr. Pwr. Sta.
E. R. Slade.........................Sparks

1 a. c. Westg. 50 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; a. c. nt. mo. cir. 104 v. 3 ph. 60 cys; 75 hp. e. Ide; 100 hp. b. Cole.

5 city arcs Ft.W. 6.6 amp; 35 Mazdas 80 c. p; moonlt; wood $2.

L S 3 ✠ 113

**STATESBORO,** 2,529—Munic. Elec. Lt. & Wtr. Wks; cost $30,000; bds. $20,000.

Mgr. T. J. Denmark...........Statesboro
*¶ Pur. Agt. W. B. Johnson.... "
Supt. Danl. L. Gould........... "
Engr. Pwr. Sta. H. Greeley Glesson "

2 a. c. Stan. Westg. tot. 255 kw. 2300 v. 2 ph. 60 cys; a. c. day (in summer) & nt. ltg. cir. 110 v; 325 hp. e. Ball, Ham; 250 hp. b. Scho.

36 city arcs A. B; 40 city incs; coal $3.45.

D L S 2 125

**STILLMORE,** 645—Stillmore Elec. Lt. Co.

*Owner, W. L. Clark..........Stillmore

1 d. c. Westg. 17 kw; d. c. nt. ltg. cir. 110 v; 30 hp. e. Ames; 30 hp. b. Ames.

City cont. 27 Mazdas 100 w. $26.66 per yr; moonlt; wood. (Contemplates erecting ice plant.)

C L ✠ 125

**STONE MOUNTAIN,** 1,062—Georgia Railway & Pwr. Co. See Atlanta.

**SWAINSBORO,** 1,313—*Munic. Elec. Lt. Plant; bds. $7,500.

Clerk, L. S. Proctor...........Swainsboro

1 a. c. Stan. 65 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 210 v; 325 hp. e. Fleming; 120 hp. b. Schof.

45 city incs. series; 6 hrs; coal $3.50 to $4.

L S 2 ✠ 83

**SYLVESTER,** 1,447—*Munic. Lt. & Wtr. Plant; cost $60,000.

Mayor, A. H. Pinson.............Sylvester
Clerk, R. B. Pollard............ "
Treas. M. H. Westbury.......... "

¶Pur. Agt. Jas. McGirt..........Sylvester
Supt. J. M. Love.................. "
Engr. Pwr. Sta. W. Bond....... "

1 a.c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; 1 d.c. W. E. 30 amp. 110 v; 1 rect. Ft. W. 30 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; 285 hp. e. Ham, Platt; 180 hp. b. Scho, Cole.

12 city arcs Wood, W. E. 6.6 amp. $30 per yr; 60 incs. street series 80 c. p. $6 per yr; moonlt; wood $2.

C D L S 3 ✢ 14

**TALLAPOOSA** 2,117—*Munic. Elec. Lt. & Wtr. Plant. Cost $60,000.
Supt. & Engr. Pwr. Sta.
W. W. Woody...................Tallapoosa

1 a.c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 220-110 v. 60 cys; 125 hp. e. Ham, Cor; 200 hp. b. Schof.

10 city arcs $60 per yr; 100 incs. series $30 per yr; wood $2.25.

D L S 3 78

***TALLULAH FALLS,** 85—Georgia Ry. & Pwr. Co. See Atlanta.

**TENNILLE,** 1,622—See Sandersville.

**THOMASTON,** 1,645—Munic. Elec. Lt. & Water Dept; cost $20,000; bds. $20,000.
Sec. & Treas. F. D. Rioviere..Thomaston
*Supt. W. C. Hartman....... "
Engr. Pwr. Sta. J. W. Adams. "

2 a. c. Ft. W. tot. 160 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 250 hp. e. H. F. & M; 200 hp. b. Cole.

27 city arcs G. E. enc. 4.4 amp; 60 Tung 100 w. 350 c. p; all nt; coal $2.95.

D L S 3 ✢ 125

Central Georgia Pwr. Co. See Macon.

**THOMASVILLE,** 6,727—Munic. Elec. Lt. Plant; cost $32,500; bds. $8,000.
Chm. Wtr. & Lt. Dept.
M. M. Cooper...............Thomasville
*¶ Cont. Agt. & Supt.
D. R. Pringle................ "

2 a. c. Allis-C. tot. 450 kw. 2300 v. 3 ph. 60 cys; 2 rect. A. B. 100 lt; trans. 4400-2200 v. s. & 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. s. & 3 ph. 60 cys; 650 hp. e. L. & B; 550 hp b. Schof.

196 city Mazdas 100 - 400 c. p; all nt; coal $3.35.

D L S 1 3 125

**THOMSON,** 2,151—*Munic. Elec. Lt. Plant; cost $25,000.
Mayor, B. F. Johnson..........Thomson
¶ Supt. L. J. Porter............... "
Engr. Pwr. Sta. G. A. Lokey.... "

1 a. c. Westg. 100 kw. 2300 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; 135 hp. e. H. F. & M; 200 hp. b. Cole, Lombard.

D L S 2 ✢ 23

**TIFTON,** 2,381—Tifton Ice & Pwr. Co. (Controlled by Southern Utilities Co., Jacksonville, Fla.); cap. $17,000; no bds.
Pres C. I. Day.........Jacksonville, Fla.
V. Pres. W. B. Crawford..Kissimmee, "
Sec. & Treas.
F. G. Whitney........Jacksonville, Fla.
¶ Pur. Agt. A. C. Bergh " "
Mgr. L. P. Thurman...............Tifton

2 a. c. Westg. G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 425 hp. e. Skinr. H. F. & M; 400 hp. b. Schof: also ice plant.

City cont. 30 arcs G. E. 6.6. amp. $75 per yr; moonlt; wood $2.

D I L S 3 ✢ 104

**TOCCOA,** 3,120—Toccoa Falls Lt. & Pwr. Co.: cap. $75,000; bds. $25,000.
*¶ Pres. Sec. & Treas.
E. P. Simpson...................Toccoa
V. Pres. D. J. Simpson........... "
Mgr. E. P. Simpson, Jr........... "
Engr. Pwr. Sta. Lee Dover.... .. "

1 a. c. G. E. 100 kw. 2300 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph; 150 hp. turb. (wtr.) Pelton.

City cont. 43 arcs; 1000 c. p. $60 per yr; 2200 incs. 10 cts per kw; all nt.

D L W 3 ✢ 83w

**VALDOSTA,** 7,656—Valdosta Ltg. Co. (Owned by Municipal Service Co., Philadelphia); cap. $150,000; bds. $400,000.
Pres. H. T. Hartman....Philadelphia, Pa.
2nd V. Pres. & Gen. Mgr.
W. G. Eager...................Valdosta
Sec. & Treas. Jos. W. Swain
Philadelphia, Pa.
Supt. J. W. Crox ................Valdosta

3 a. c. Westg. Parsons tot. 1250 kw. 2300 v. 3 ph. 60 cys; 2 d. c. pwr. Westg. tot. 300 kw. 550 v; 2 arc Westg. 200 lts; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo cir. 220 v. 3 ph. 60 cys; 1500 hp. b. C. & H; also 110 ton ice plant (York).

City cont. 70 arcs enc. 480 w. $62.50 per yr; 120 Tung. series 60 w. $18 per yr: all nt; coal $3.50. (Co. sells energy to Valdosta St. Ry. Co.)

C D I L S 3 ★16

**VIDALIA,** 1,176—*Munic. Lt. & Wtr. Plant; cost $25,000.
Mayor, S. B. Meadows............Vidalia
Sec. D. C. Parlla................ "
Treas. G. S. Ranntree.............. "
¶Pur. Agt. J. F. Darby.... ...... "
Supt. W. L. Anderson............. "
Engrs. Pwr. Sta { Sam Garr....... "
{ J. S Sutton..... "

1 a. c. Stanley 2300 kw. 110 v. 2 ph. 60 cys; no day cir; 100 hp. e. Ham. Cor; 250 hp. b. Cole.

7 city arcs — w; 35 city incs. 40 c. p. moonlt; coal $3.90.

L S 2 72

**VILLA RICA,** 855—The Villa Rica Elec. Lt. & Pwr. Co.; cap. $12,500.
Pres. Dr. B. C. Powell .........Villa Rica
V. Pres. Dr. H. R. Marchman.. "
*¶Sec. Treas. Mgr. Cont. Agt.
& Supt. W. B. Powell........ "
Engr. Pwr. Sta. G. G. McCalman "

1 d.c. G. E. 30 kw. 250 v; d. c. nt. ltg. cir. 248 v; 35 hp. e. C. & T; 80 hp b. Cole; also 6-ton ice plant.

City cont. 83 Mazdas 40 w. $16. per yr; moonlt; coal $2.80.

C I L S ✢ 125

**WARRENTON,** 368—Warrenton Lt. & Pwr. Plant.
*Supt. & Engr. Pwr. Sta.
B. Scarboro...................Warrenton

1 a. c. Ft. Wayne 60 kw. 2300 v. 3 ph 60 cys: a. c. ltg. cir. 110 v. 60 cys; —— hp. b. Flem, Harris; 100 hp. e. R. D. Call.

City cont 58 Mazda series 4 amp; coal $3.50.

L S 3 ✢ 22

**WASHINGTON,** 3,065—*Munic. Elec. Lt. Plant; cost $12.000.
¶ Mgr. & Supt. W. C. Lewis. Washington

1 a. c. Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; 1 exc. Ft. W. 7½ kw. 125 v; 1 arc G. E. 35 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys: 235 hp. e. H. F. & M; 200 hp. b. Lomb. C. & H.

25 city arcs G. E. 500 w; 45 series Tung. 80 w; moonlt; all nt; coal $3.50.

D L S 3 ✢ 23

**WAYCROSS,** 14,485—Ware County Lt. & Pwr. Co.; cap. $1,000,000; bds. $300,000.

Pres. Stuyvesant Fish
52 Wall St., New York, N. Y.
*V. Pres. P. R. Bomeisler
27 Pine St., New York, N.Y.
Treas. Chas. H. Wenman
52 Wall St., " "
Asst. Treas. R. E. Trexler......Waycross
Ch. Engr. Const. & Optg. Supt.
H. C. Gamage................ "
Engr. Pwr. Sta. R. N. Deming.. "

4 a. c. Allis-C, Curtis tot. 900 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Bull. Allis C 175 kw. 2300 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; pwr. cir. 220 v; 275 hp. e. L. & B. B. & W; 375 hp. b. Lombard, C. & H; 600 hp. e. (gas), Allis-C; 1750 hp. gas producer Loomis Pettibone; 105 ton ice machine York, Wolf.

City cont. 20 arcs G. E. 540 w. $60 per yr; 275 incs. G. E 60 w. $21.12 per yr; all nt; coal $3.70

C D G I L S 3 ✠ 15E

**WAYNESBORO,** 2,729—Munic. Wtr. & Lt. Plant; cost $60,000; bds. $57,500.
Sec. R. L. Oliver..............Waynesboro
Treas. H. W. Blount........ "
*¶Supt. & Cont. Agt.
J. C. Andrews.............. "
Engr. Pwr. Sta. Hans Manan. "

1 a. c., Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; 1 arc. 25 lt; a. c. nt. ltg. & mo. cir. 115 v. 60 cys; 200 hp. e. Allis-C; 300 hp. b. Lomb. & Cole.

77 incs. nitrogen 100 & 200 c. p. $40 & $24 per yr; moonlt; coal $3.25.

L S 3 ✠ ★125

**WEST POINT,** 1,906 — Munic. Lt. & Wtr. Plant; cost $18,000.
*¶Mgr. & Supt. H. L. Hill....West Point
Engr. Pwr. Sta. J. H. Miller... "

1 a. c Ft. W. 200 kw. 2400 v. 3 ph. 60 cys; 1 arc 50 lts; a. c. day & nt. ltg. cir. 110 v; pwr. cir. 440-220-110 v. s. & 3 ph. 60 cys; 250 hp. e. Green; 300 hp. b. Lombard; also buys energy from West Point Mfg. Co.

50 city arcs West. 6.6 amp; 4800 city incs. 16 to 100 c p. 4-10 cts. per kw; all nt; coal $2.85.

D L S 1 3 125

**WHITEHALL,** 230—Elec. Lt. & Pwr. Plant; cap. auth. $25,000.
*Owner & Mgr. John R. White. Whitehall

2 d. c. G. E. tot. 575 kw. 120 v; 640 hp. turb.

C L W 125

**WINDER,** 2,443 — Munic. Elec. Lt. Plant; cost $68,000; bds. 60,000.
Wtr. & Lt. Comrs. { Chm. L. W. Hodges. Winder
H. Smith........... "
R. L. Woodruff..... "
*Gen. Supt. J. F. Harwell......... "
Engr. W. H. Hunt................ "

1 a. c. Westg. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys; 125 hp. e. Cor; 240 hp. b. Cole. Also purchases energy from Georgia Ry. & Pwr. Co.

38 street lamps $10 per yr; moonlt; coal $8.10.

D L S 3 ★125

## HAWAII.

**HILO,** 6,745—Hilo Elec. Lt. Co. Ltd.; cap. $300,000, 7 p. c. div.
Pres. John A. Scott....................Hilo
V. Pres. C. C. Kennedy............... "
Sec. W. T. Balding.................. "
Treas. N. C. Willfang................ "
*¶ Mgr. & Supt. J. C. Mocine......... "
Ch. Engr. & Elecn. Jas. McNicoll... "

4 a. c. Westg. tot 900 kw. 2200 v. 2 ph. 60 cys; 1 arc G. E. 100 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200 v. 3 ph. 60 cys; 250 hp e. McI. & S; 1400 hp. wtr. wh. Pelton, Doble; 250 hp. b. Bab. & W; also 20-ton ice plant.

City cont. 22 arcs 2000 c. p. $96 per yr; 122 incs. 6.6 amp. $14.40 per yr; all nt. (Will install additional hydro-elec. plant, with cap. of about 8.0 kva.)

D I L S W 2 3 ✠ 85w

**HONOLULU,** 52,183 — The Hawaiian Elec. Co. Ltd.; cap. stk. issued $1,000,000; no bds.
Pres. R. A. Cooke...............Honolulu
V. Pres. F. W. Macfarlane...... "
Sec. C. H. Cooke................ "
Treas. F. C. Atherton .......... "
*¶ Mgr. F. E. Blake............ "
Supt. T J. McGrath............ "
Ch. Engr. H. W. Marvin........ "

5 a. c. Westg. tot. 5350 kw. 2200 v. 2 ph. 60 cys; 2 d. c. Westg. 750 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; d. c. pwr. cir. 500 v; 6000 hp. e. Union; 2000 hp. b. Stir; 2250 hp. stm. turb. Parsons; also ice plant.

City cont. 35 arcs 6.6 amp. a. c. series $84 per yr; 200 incs. 16 c. p. $12 per yr; moonlt; fuel oil $1.07 per bbl.

C D I L S 2 ✠ 125

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Government Elec. Lt. Plant. Pwr. plant in Nunanu Valley; cost $40,000; bds. $40,000, 4½ p. c. int.
*¶ Supt. W. L. Frazee.........Honolulu
Engrs. Pwr. Sta. { John Marshall...... "
A. Walker.......... "

2 a.c. Westg. tot. 400 kw. 2200-110 v. 3 ph. 60 cys; 500 hp. turb. (wtr.) Doble, Pelton. Moonlt.

L W 3 25

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Kauai Elec. Co., Ltd. (Plant located in Wainiha Valley, 35 mi. trans. lines); cap. auth. $300,000; bds $150,000.
Pres. B. F. Dillingham.........Honolulu
1st V. Pres. W. F. Dillingham . "
2d V. Pres. W. A. Kinney...... "
*Sec. Jno. Guild............... "
Treas. J. P. Cooke.............. "
Supt. A. Menefoglio.............Wainiha
¶Pur. Agts. Alexander & Baldwin, Ltd.
Honolulu

3 a. c. Westg. tot. 3600 kva. 2200 v. 3 ph. 25 cys; 2 d. c. Westg. tot. 140 kw. 125 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-440-220 v; 6000 hp. turb. Pelton.

City cont; all nt. (Also lts. Eleele).

C D L W 3 85

## IDAHO.

***AMERICAN FALLS,** 963—Southern Idaho Wtr. Pwr. Co. See Pocatello.

**BELLEVUE,** 702 — Rockwell-White Pwr. Co.; cap. $30,000.
*¶ Pres. Mgr. & Cont. Agt.
I. E. Rockwell..................Bellevue
V. Pres. E. H. McAuley...............Boise
Sec. & Treas. Lallah R. Rockwell. Bellevue

2 a. c. Westg. tot. 600 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 30 cys; a. c. day & nt. mo. cir. 220-110 v. 6 ph. 60 cys; 1000 hp. (wtr. wh.) Smith.

City cont. 55 incs. Tung. 60-100 w. $480 & $432 per yr.

D L W 3 ✠ ★125

**BLACKFOOT,** 2,202- Southern Idaho Wtr. Pwr. Co. For executive officers see Pocatello.
Local Supt. Jas. B. Brokaw....Blackfoot

Energy from American Falls; trans. volt. 33,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 300 kva; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 6 cys.

City cont. 37 series A C. 6 6 amp. $72 per yr; 10 mult. 32 c. p. $12 per yr.

D L 3 74

**BOISE,** 17,358—Idaho-Oregon Lt. & Pwr. Co. (Wtr. pwr. plants at Horse Shoe Bend, Boise County on Payette River, Barber Dam, Ada County, on Boise River and at Ox Bow on Snake River, the latter under construction.) (Owns Capitol Elec. Lt., Motor & Gas Co.; Boise-Payette Riv. Elec. Pwr. Co. and Elec. Pwr. Co., Ltd.) (In Jan., 1915, property sold to Electric Investment Co.)

Sec. D. H. Clark..........................Boise

6 a. c. Westg. tot. 2400 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; d. c. mo. cir. 600 v; trans. volt. 66,000-22,000 v. 3 ph. 60 cys; 5700 hp. wtr. wh. Leffel.

City cont. 320 arcs a. c. enc. 6.6 amp. $60 per yr; incs. $18 per yr; all nt. (Also serves Meridian, Payette, New Plymouth, Weiser, Parma and Emmett, Idaho, and Ontario, Nyssa, Gypsum and Huntington, Ore; sells energy in bulk to Vale (Ore.) Elec. Co.)

D N W 3 16w

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Idaho Pwr. & Lt. Co. Office, Empire Bldg., Boise. (Purchased Idaho property of The Beaver River Pwr. Co.) Pwr. plant on Malade River, Bliss, Lincoln County. (Operated by Electric Investment Co.)

Mgr. E. P. Bacon..........................Boise
Audr. Geo. F. Halliday.............. "
Consltg. Engr. P. N. Nunn. Casper, Wyo.
Ch. Engr. H. B. Waters..............Boise
Engr. Pwr. Sta. H. V. Hoyt.......... "

2 a.c. Allis-C. tot. 7400 kva. 2300 & 4150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440-2300 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; trans. volt. 44,000 v. 3 ph; 1500 kw. stm. turb. Allis-C; 7500 hp. wtr. wh. Allis-C; 500 hp. b. Edge.

Coal $5.50. (Lts. Mountain Home, Glenns Ferry, Boise, Meridian, Caldwell, Twin Falls, Buhl and Gooding.)

C D N S W 3 ★16w

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Idaho Ry., Lt. & Pwr. Co. (Operated by Electric Investment Co.)

Gen. Mgr. O. G. F. Markhus........Boise
Supt. W. H. Trenner................. "
Engr. Pwr. Sta. S. N. Glass.......... "

5 a. c. Westg. tot. 4900 kw. 2200 v. 3 ph. 60 cys; 2 rect. tot. 100 lts; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-440 2200 v. 3 ph. 60 cys; 4500 hp. wtr. wh. Allis C, Dayton Globe.

(Co. lts. Nampa, Caldwell, Middleton, Eagle, Star, Murphy and Silver City.)

D L W 3 ✠ 16w

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Crane Falls Pwr. & Irrig. Co., Ltd.; 328 Idaho Bldg., Boise, Ida.; cap. $500,000.

Pres. W. G. Chase....Toronto, Ont., Can.
V. Pres. & Mgr. G. Vansittart......Boise
*Sec. & Treas. Oswald H. Scott..... "
Mgrs. & Engrs. { Smith, Kerry & Chace, Toronto, Can., and Boise

4 a. c. Allis-C. 2000 kw. 66,000 6600 v. 3 ph. 60 cys; 3000 hp. wtr. wh. Allis-C.

Sub-sta. for pumping development equipped for 7000 hp.

T W 3 14

**BONNERS FERRY,** 1,071 — Bonner Wtr. & Lt. Co. Ltd. (Gen. sta. at Myrtle Creek); cap. $35,000.

Pres. A. H. Featherstone.........Wallace
*¶Mgr. H. A. Gale.........Bonners Ferry
Ch. Engr. E. C. Gale..... " "

1 a. c. G. E. 100 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. s. & 3 ph. 60 cys; 250 hp. wtr. wheel, Pelton.

City cont. 2 arcs West. tot. $144 per yr; 35 Mazdas 100 w. tot. $420 per yr; all nt.

D L W 1 3 ✠ 25

**BURKE,** 1,081—Canyon Creek Elec. Lt. Co., Ltd.; cap. $15,000; no bds.

Pres. Treas. & Mgr. W. R. Miller..Burke
V. Pres. E. L. Hale..................Wallace
Sec. L. C. Wilson.................. "
*Cashier A. J. Dubé................ "
Engr. Pwr. Sta. D. D. Miller........Burke

1 a. c. Westg. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230-115 v. s. & 3 ph. 60 cys; 160 hp. turb. (wtr.) Pelton; have connection with lines of The Washington Wtr. Pwr. Co.

(Also lts. Gem, Black Bear and Mace.)

D L W 1 3 ✠ ★125

**CALDWELL,** 3,543 — Idaho Ry., Lt. & Pwr. Co. See Boise for officers.

Local Mgr. E. Vinning............Caldwell

44,000 v. 3. ph. 60 cys; 3 transf. G. E. tot. 750 kw; 1 rect. G. E. 25-lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440-220 v. 3 ph & 110 v. s. ph. 60 cys.

City cont. 11 arcs G. E. series 2000 c. p; $120 per yr; all nt.

D L 1 3 25

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Idaho Pwr. & Lt. Co. See Boise.

**CŒUR D'ALENE,** 7,291 — Kootenai Pwr. Co., Ltd. Office, 431 Sherman St.; cap. $50,000; no bds.

Pres. & Treas. August Paulsen Spokane, Wash.
¶ V. Pres. & Mgr. Geo. Harding.......... " "
Sec. M. A. Folsom........ " "
*Supt. Thos. W. Neill......Coeur D'Alene
Engr. Pwr. Sta. M. L. McKinney.......... " "

Auxiliary plant: 1 a. c. Bull 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 150 hp. e. R. & F. Cor; 160 hp. b. Anaconda; 100 hp. wtr. wh. Pelton; purchases energy from The Washington Wtr. Pwr. Co.; 7 transf. G. E. tot. 900 kw.

City cont. 29 Tung. 250 w. $48 per yr; 266 Tung. 40 w. $14.40 per yr; all nt; wood $4.50, coal $4.85.

D L S 3 125

**COTTONWOOD,** 555—Grangeville Elec. Lt. & Pwr. Co. See Grangeville.

Energy from Clear Water plant 22,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 150 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 50 Mazdas "C" 6.6 amp. 70 w. $21 per yr; mdnt.

D L 3 ✠ 16

**CULDESAC,** 436—Culdesac Ltg. Co.

*Pres. W. L. Marrs.....Box 233, Culdesac

1 d. c. West. 30 kw. 250 v; d. c. ltg. cir. 220 v; 75 hp. gas pro. F. M. & Co.; 43 hp. e. (gas) F. M. & Co.; 50 hp. wtr. wh. Lef.

City cont. 14 Mazdas 32 c. p; midnt.

C G L W ✠ 114

**EMMETT,** 1,351—Idaho-Oregon Lt. & Pwr. Co. See Boise.

**GENESEE,** 742 — The Washington Water Pwr. Co. (Moscow Dist.) See Spokane, Wash.

Local Agt. G. R. Beckman.......Genesee

2300-220-110 v. s. & 3 ph. 60 cys; day & nt. service.

City cont. 34 series incs. 100 c. p. $2.50 per mo.

D L 1 3 ★16

**GOODING,** 1,444—Great Shoshone & Twin Falls Wtr. Pwr. Co. See Twin Falls.

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Idaho Pwr. & Lt. Co. See Boise.

**GRANGEVILLE,** 1,534 — Grangeville Elec. Lt. & Pwr. Co. Office, 521 First Ave., Spokane, Wash. (Hydro-electric stations on Clear Water River 6 miles from Grangeville and Lo Lo Creek 1 mile from Greer; auxil. steam plant at Orofino); cap. outstg. $267,000.
*¶ Pres., Mgr. & Cont. Agt.
Eugene Enloe..........Spokane, Wash.
V. Pres. L. M. Simpson.. " "
Sec. & Treas. W.C.Sivyer " "
Supt. T. E. Bayless..........Grangeville

Clear Water plant: 2 a. c. G. E. tot. 624 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; trans. 22,000 v. 3 ph. 60 cys; 1000 hp. wtr. wh. Pelton.

City cont. 80 Mazdas "C" 6.6 amp. 70 w. $21 per yr; all nt. (Also lts. Cottonwood, Ferdinand, Ilo, Nezperce, Kamiah, Greer, Orofino, Fenn and Volmer.)

D L W 3 ✠ 16

**GREER,** 100—Grangeville Elec. Lt. & Pwr. Co. See Grangeville.

1 a. c. G. E. 150 kva. 6600 v. 3 ph. 60 cys: trans. volt. 22,000-6600 v; 250 hp. wtr. wheel.

L W 3 16

**HAGERMAN,** 1,081—Great Shoshone & Twin Falls Wtr. Pwr. Co. See Twin Falls.

**HARRISON,** 932 — Harrison Elec Lt. Plant.
*¶Owner & Mgr. G. H. Kimmel..Harrison
Engr.Pwr.Sta. Oliver Armstrong "

1 a.c. Warren 27 amp. 2200 v.s. ph. 60 cys; a.c. nt. ltg. cir. ; 250 hp. e. Bates, Cor; 200 hp. b. Erie.

City cont. 22 incs. West. 50 W. $50 per mo; all nt; wood $1.50.

L S 1 ✠ 114

**HEYBURN,** 1,376—Elec. Lt. & Pwr. Plant.
*Owner & Mgr. E. B. Skinner...Heyburn

Buys energy from U.S. Reclamation Service; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys; also sells energy for heating.

City cont. 5 G. E. arc 700 w. $48 per yr; 2 incs. 500 w. $30 per yr; all nt.

D L 3 ✠ 125

***HORSE SHOE BEND,** 362—Idaho-Oregon Lt. & Pwr. Co. See Boise.

**IDAHO FALLS,** 5,500—Munic. Elec. Lt. Plant; cost $26,000; bds. $138,000, 5 & 6 p. c. int.
Mayor, Geo. W. Edginton....Idaho Falls
Clerk, Geo. B Riches ....... "
Treas. Enda Warwick........ "
*City Elecn. F. G. Briggs .... "

3 a. c. G. E. 1000 kw. 2300 v. 3 ph 60 cys; 3 arc 55 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 1350 hp. wtr. whs. Trump, Pierce, Stillwell, Smith, Vail.

50 city arcs G. E. 6.6 amp; all nt.

D L W 3 ★125

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Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. mo. (only) cir. 2300-440-220-110 v. 3 ph. 60 cys.

L 3 35

**JEROME,** 970 — Great Shoshone & Twin Falls Wtr. Pwr. Co. See Twin Falls.

**JULIAETTA,** 414—*Juliaetta Milling Co.; cap. $4,000.
Owners & Mgrs.
Martins & Sons...............Juliaetta

2 d. c. Wag. 109 amp. 220 v; 400 incs; d. c. nt. ltg. cir. 220 v; 52 hp. turb. (wtr.) McC.

City cont. 25 Mazdas 60 w. $15 per yr; all nt.

C L W ✠ 23

**KELLOGG,** 1,273—Bunker Hill & Sullivan Mining & Concentrating Co.
Pres. F. W. Bradley, Crocker Bldg.,
San Francisco, Cal.
Mgr. Stanley A. Easton...........Kellogg
*¶Gen. Supt. & Cont. Agt.
Walter C. Clark.................. "
Engr. Pwr. Sta. Richard Brockman "

1 turbo-gen. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 500 v; 1 rect. G. E. 75-lt; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-220-2300 v; 2500 hp. e. G. E. (turb.), Nordberg Cor; 1000 hp. b. Lyons, Ames; 500 hp. wtr. wh. Smith; also purchases energy (2000 hp.) from The Washington Wtr. Pwr. Co.

City cont. 30 arcs d. c. series 4 amp. $89 per yr; 300 incs. d. c. series 4 amp. $12 per yr; all nt; wood & coal $6.25. (Co. also lts. Wardner.)

C D L S W 3 ✠ 25

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Longvalley Lt. & Pwr. Co. Office, Kellogg. (Gen. sta. at Cascade); cap. $36,000; no bds.
*¶ Pres. Mgr. & Cont. Agt.
Walter C. Clark...............Kellogg
Sec. & Treas. Dr. Geo. H. Kennett "

1 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 500 hp. wtr. wh. Smith.

Under construction.

L W 3 25

**KOOSKIA,** 301 — Kooskia Milling & Pwr. Co. (Ltd.); cap. outstg. $25,000.
*¶Pres. Mgr. & Engr.
E. J. Hartman...................Kooskia
V. Pres. Geo. L. Hansen.......... "
Sec. & Treas. J. G. Rowton....... "

1 a. c. Elec. Mach. Co. 36 kva. 2400 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day mo. cir. 220 v; 102 hp. wtr. wh. Lef.

City cont. 30 incs. 60 w. tot. $450 per yr; all nt. (Sells energy in bulk to Town of Stites.)

D L W 3 ✠ 25

**LEWISTON,** 6,043 — Lewiston-Clarkston Improvement Co. See Clarkston, Wash.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-2200 v. 3 ph. 60 cys.

City cont. 13 arcs G. E. 6.6 amp. $78 per yr; 75 incs. 40-75 w. $24 per yr; 170 incs. 100 w. $30 per yr, all nt.

D N 3 45

**MACKAY,** 638—Mackay Lt. & Pwr. Co., Ltd.; cap. outstg. $20,000; no bds.
Pres. & Treas. J. W. Swanger...Mackay
V. Pres. Chas. F. Baker........... "
*Sec. & Mgr. J. D. Carr.......... "

1 a. c. Westg. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 225 hp. wtr. wh. Smith

City cont. 18 Tung. 60 w. $12 per yr. all nt. (Installing 220 hp. wtr. wh. Pelton.)

D L W 1 3 ★125

**MALAD CITY,** 1,303— Evans Lt. Co. (Two gen. stas. at Birch Creek.)
Pres. D. L. Evans...............Malad City
Sec. & Treas. Vance Bigler.... "
*¶ Mgr., Cont. Agt. & Supt.
D. L. Evans, Jr................. "
Engr. Pwr. Sta. J.W. Thomas... "

2 a. c. Bull. tot. 350 kw. 5500-2300 v. 3 ph. 60 cys; 2 d. c. Allis-C tot. 145 kw. 120-125 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230-440 v. 3 ph. 60 cys; 655 hp. wtr. wheel Pelton, Allis-C.

City cont. 6 arcs G. E. 6.5 amp. 72 per yr; 43 carbon 32 c. p. $12 per yr; all nt. (New trans. lines and extensions are contemplated.)

C D L W 3 ✠ 25

**MERIDIAN,** 619—Idaho-Oregon Lt. & Pwr. Co. See Boise.
Local Mgr. E. Lick..............Meridian

Trans. 44,000 v. 3 ph. 60 cys; 1 mo. gen. 300 kw. C-W; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys.

City cont. 12 arcs 6 amp; all nt.

D L 3 14

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Idaho Power & Lt. Co. See Boise.

**MONTPELIER,** 2,000—Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 6600-2300-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**MOSCOW,** 3,670—The Washington Wtr. Pwr. Co. (Moscow Dist.) See Spokane, Wash.

Dist. Supt. G. R. Beckman.......Moscow

650 kva. transf; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-440-220 v. s. & 3 ph. 60 cys.

D L 1 3 ✠ 16

**MOUNTAIN HOME,** 1,411—Great Shoshone & Twin Falls Lt. & Pwr. Co. See Twin Falls.

a. c. nt. ltg. cir. 110 v. 60 cys; a.c. nt. mo. cir. 110 v. s. ph. 60 cys.

City cont. 19 arcs G. E. mult. 6.6 amp. $114 per yr; 11 incs. 16 c. p. $18 per yr; all nt.

L 1 ✠ 25

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Idaho Pwr. & Lt. Co. See Boise.

**MULLAN,** 1,667—Mullan Lt. Co., Ltd.; cap. $100,000; no bds.

Pres. W. R. Miller....................Burke
Sec. & Treas. E. L. Hale..........Wallace
*¶ Mgr. & Cont. Agt.
Jas. W. Hutchins.................Mullan
Engr. Pwr. Sta. Geo. Wilson...... "

1 a.c. Westg. 50 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 65 hp. wtr. wheel Pelton. (Energy also purchased from Federal M. & S. Co.)

City cont. 63 Tung. 60 w. $24 per yr; all nt.

D L W 1 3 ✠ 25

**NAMPA,** 4,205—Idaho Ry., Lt. & Pwr. Co. See Boise.

Dist. Mgr. J. D. Orr..................Nampa

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 400-200 v. 3 ph. 60 cys.

City cont. 50 arcs G. E. Magnetite 4 amp. $72 per yr; all nt.

D L 3 ✠ 25

**NEZPERCE,** 599—Grangeville Elec. Lt. & Pwr. Co. See Grangeville.

3 transf. G. E. tot. 225 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 50 Mazdas "C" 4 amp. 70 w. $21 per yr; all nt.

D L 3 ✠ 16

**OROFINO,** 384—Grangeville Elec. Lt. & Pwr. Co. See Grangeville.

1 a. c. 200 kva. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e; 250 hp. b; 3 transf. tot. 75 kva.

City cont. 30 Mazdas "C" 6.6 amp. 70 w. $21 per yr; all nt.

D L S 3 ✠ 16

**PARIS,** 1,038—Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 6600-220-110 v. 3 ph 60 cys.

D L 3 35

**PAYETTE,** 1,948—Idaho-Oregon Lt. & Pwr. Co. See Boise.

1 a. c. Westg. 60 kw. 2200-110 v. s. ph. 60 cys; no day cir; 100 hp. e. Cummer; 80 hp. b. (Not in operation.)

City cont. 40 incs. 100 c. p. $48 per yr. all nt; coal.

L S 1 ✠ 14

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Salmon Falls Lt. &. Pwr. Co, Ltd; pwr. plant at Little Salmon Falls; cap. $60,000.

Pres. A. E. Wright...............Payette
V. Pres. Jas. Spofford...............Boise
*Sec. W. C. Sturdevant........... Payette
Treas. J. M. Swanson......... "

Wtr. pwr. plant under construction.

L W 14

**POCATELLO,** 9,110—Southern Idaho Wtr. Pwr. Co. (Pwr. plant at American Falls; reserve plant in Pocatello.) (Operated by Electric Investment Co.)

Mgr. Wm. F. Wallace..........Twin Falls
Cont. Agt. E. A. Wilcox...... "
¶ Pur. Agt. J. H. Seaver...... "
Supt. M. E. Hughes..............Pocatello
Engr. Pwr. Sta.
Ed. Woodhead..........American Falls

4 a. c. G. E. tot. 6000 kw. 33000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; trans. volt. 33,000 v. 3 ph. 60 cys; 8100 hp. turb. Leffel, Allis C.

City cont. 69 arcs G. E. 6.6 amp. $66 per yr; 218 incs. $7 per yr. (Co. also lts. Blackfoot, American Falls and Fort Hall.)

D N W 3 ★16w

**PRESTON,** 2,110—Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**REXBURG,** 2,000—Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. ltg cir 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**RUPERT,** 297—Rupert Elec. Co; cap. out-tdg. $25,000; no bds.

*¶ Pres. & Mgr. F. N. Victor.......Rupert
V. Pres Mrs. Kate E. Brown .... "
Sec. & Treas. A. C. Brown......... "
Gen. Supt. & Ch. Engr.
T. W. Halliday........... "

Energy purchased from U. S. Rec. Service plant on Snake River, 12 miles from Rupert; 4 transf. West, G. E. Wag, Maloney. 1500 kva. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys.

City cont. 143 tung. 60 w. $3 per yr; all nt.

D L 3 ✠ 125

**ST. ANTHONY,** 1,238—Utah Pwr. & Lt. Co. See Salt Lake City, Utah.

a. c. day & nt. ltg. cir. 220–110 v. 60 cys; a. c. day & nt. mo. cir. 11,000 2300-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**ST. MARIES,** 869 — The Washington Wtr. Pwr. Co. See Spokane, Wash.

Dist. Supt. C. H. Tompkins....St. Maries

Energy purchased from Milwaukee Lumber Co. 2300 v; day & nt. service; 2300-220-110 v. s. 3 ph. 60 cys.

City cont. 80 series tung. 80 c. p. $2.20 per mo.

D L 1 3 16

**SALMON,** 1,434—Salmon River Pwr. & Lt. Co. (Has taken over the Lembi Power Co.); cap. outstg. $400,000: bds. outstg. $124,000.

Pres. C. L. MacKenzie....Colfax, Wash.
V. Pres. H. H. Boomer. .Spokane, "
Sec. W. A Monroe...... " "
*Treas. & Mgr. Ralph Irvin...... Salmon

2 a. c. Allis-C tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3

ph. 60 cys; 1100 hp. wtr. wheel, Leffel, A. C. Co.

City cont. 30 tung. 500 w. $60 per yr; all nt.

D L W 3 ✣ 125

**SANDPOINT,** 2,993—Northern Idaho & Montana Pwr.Co. Gen. stas. at Sandpoint and Big Fork, Mont. (hydro). (Operated and managed by H. M. Byllesby & Co., Chicago, Ill.)

Pres. H. M. Byllesby..........Chicago, Ill.
V. Pres.O. E. Osthoff.......... "
Sec. R. J. Graf........... ..... "
Treas. J. J. O'Brien........... "
Gen. Mgr. George N. Rooker...Sandpoint
Supt. & Engr. Pwr. Sta.
A. J. Ruel...................... "

3 a.c. Allis-C, tot. 1050 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 50 kw. 500 v; 2 arc G. E, Westg. tot. 125 lt; trans. 66,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a.c. day & nt. mo. cir. 220 v; 1250 hp. e. Allis-C, Twin City; 900 hp. b. Gem City, Stir; also buys energy from The Wash. Wtr. Pwr. Co.; 6 transf. G. E. tot. 1300 kw.

City cont. 66 arcs 300 w. $72 per yr; 110 series Tung. 40 w. $18 per yr; all nt; wood $2.25. (This sta. also lts. Kootenai, Ponderay, Priest River, Clark Fork, Hope, East Hope, Idaho and Newport, Wash.; sells energy to Sandpoint and Interurban Ry. Co., Ltd.)

D N S 3 ✣ 25

**SHELLEY,** 537—Shelley Mercantile Co., Ltd.; cost $18,000.

Pres. John S. Shelley..............Shelley
*Mgr. T. W. Shelley................ "
Supt. Jorgen Jorgensen...... ..... "

1 a. c. F. M. & Co., 75 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 100 hp. turb. (wtr.) Leffel.

City cont. 50 incs. Edison $2 per yr; all nt.

D L W 3 ✣ 113

**SHOSHONE,** 1,155 — Great Shoshone & Twin Falls Wtr. Pwr. Co. See Twin Falls.

a. c. day & nt. ltg. cir. 118 v. 60 cys; a.c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 22 arcs 6.5 amp. 450 w. $72 & $84 per yr; 1 inc. 32 c. p. $18 per yr; all nt.

D L 3 25

**SODA SPRINGS,** 501—Soda Springs Elec. Co.; cap. $12,000; no bds.

*¶ Pres., Mgr., Cont. Agt. & Supt.
James M. Horsley..........Soda Springs
Sec. & Treas.
Mrs. James M. Horsley... "
Engr. Pwr. Sta.
Newel J. Horsley.......... "

1 a. c. Warren — kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 60 hp. turb. (wtr.) Smith.

City cont. 1800 incs. 16 c. p; all nt.

D L W 1 ✣ 15

**STITES,** 300—Munic. Lighting System. Energy purchased from Kooskia Milling & Pwr. Co.

L §115†

**TROY,** 513—Dunkel & Candee. (Purchased property of The Washington Wtr. Pwr. Co.)

Energy purchased from Troy Lumber & Mfg. Co ; 2300-110 v. s. ph. 60 cys; no day service.

City cont.—incs tot. $30 per mo.

L 1 ★16

**TWIN FALLS,** 5,258—Great Shoshone & Twin Falls Wtr. Pwr. Co. (Pwr. plants at Lower Salmon Falls and at Shoshone Falls on Snake River.) (Property foreclosed and sold to interests representing Electric Investment Co.); cap. $1,500,000; bds. auth. $10,000,000.

¶Pur. Agt. J. H. Seaver.......Twin Falls
Supt. R. B. King................. "

Pwr. stas. equip: 4 a. c. G.E, Westg. tot. 5500 kw. 6600-2300-110 v. 3 ph. 60 cys; trans. 44,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 9000 hp. turb. (wtr.) Smith, Platt.

City cont. 125 arcs G. E. 6.6 amp. $72 per yr; —— incs. various sizes and prices; all nt. (Co. lts. 20 cities and towns including Twin Falls, Buhl, Oakley, Filer, Glenns Ferry, Gooding. Hagerman Hollister, Kimberly, Wendell. Jerome, Bliss, King Hill, Milner, Shoshone and Mountain Home.)

D N W 3 ✣ ★16w

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Idaho Pwr. & Lt. Co. See Boise.

**WALLACE,** 8,000 — Northwest Lt. & Wtr. Co. Office, Paulsen Bldg., Spokane, Wash. (Consol. of Wallace Lt. & Wtr. Co., and Sumpter (Ore.) Lt. & Wtr. Co ) Pwr. plants in Wallace and Sumpter; cap. $1,000,000.

Pres. & Mgr. R. E. Strahorn,
Spokane, Wash.
V. Pres. R. J. Danson.... " "
Sec. & Treas. A. G. Smith, " "
*¶ Supt. D. C. McKissick.......Wallace
Ch. Engr. W. Franks............. "
Ch. Elecn. Wm. Featherstone ... "

1 a. c. G. E. 400 kw. 2800 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; day & nt. pwr. cir. 2300-220 v. 3 ph. 60 cys; 475 hp. e. Bckye, Mur, Cor; 400 hp.b. Oil City; also buys energy from The Washington Wtr. Pwr. Co.

City cont. 30 arcs G. E. 7.5 amp. $100 per yr; all nt; coal $6.10.

D L S 3 ✣ 15

**WARDNER,** 1,369—Bunker Hill & Sullivan Mining & Concentrating Co. See Kellogg.

**WEISER,** 2,600 — Munic. Electric Lt. Plant. Address P. O. Box 22; cost $30,000; no bds.

Mayor W. R. Hamilton............Weiser
City Clerk, Stewart H. Travis.... "
*¶Supt. Lyle Wood................ "

Purchases energy from Ida.-Oregon Lt. & Pwr. Co., Boise; 66,000 v.trans; a.c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 6 type "C" Mazdas 400-1000 w. & 125 Mazdas 60-250 w. all nt; 55 5-lt. posts, top lts. 100 w. all nt. and bottom lts. 60 w. mdnt.

D L 3 ★125

**WHITE BIRD,** 230—White Bird Elec. Lt. & Pwr. Plant.

*Owner & Mgr. B. Q. Davis...White Bird

1 d. c. Wagner, 220 v; 500 incs; 50 hp. turb. (wtr.) McC.

City cont. all nt.

C L W ✣ 22

## ILLINOIS.

**ABINGDON,** 2,464 — Galesburg Ry., Ltg. & Pwr. Co. For officers, see Galesburg.

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 320 hp. e. Bates, Ide; 300 hp. b. Frost. Plant used only in emergency; energy from Galesburg; 3 transf. G. E. tot. 450 kw; 1 rot. conv.

City cont. 85 arcs d. c. series; 25 incs. a. c. series; moonlt. 1 a. m; screenings. (Operates s. ph. line 6600 v. 60 cys. to St. Augustine and Prairie City.)

D L S 1 3 35

**ALBION,** 1,800—Albion Elec. Lt. & Gas Co.; cap. $20.000.

*¶Pres. & Gen. Mgr. Elbert Epler..Albion

Supt. & Engr. Pwr. Sta.
Louis Richard........................Albion

1 a. c. Ft. W. 75 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 150 hp. e. Bckye; 200 hp. b. Erie.

City cont. 5 W. E. arcs 1200 c. p. $70 per yr; 44 incs. Tung. 40 w. $26.50 per yr; all nt; coal $1.70.

L S 1 75

**ALEDO,** 2,144—Tri-County Lt. & Pwr. Co. General offices, Aledo. (A subsidiary of the Middle West Utilities Co.)
Pres. E. D. Alexander..................Dixon
V. Pres. George Otis Spencer.....Chicago
Sec. & Treas. R. W. Waite........ "
*Gen. Mgr. Adolph M. Barron.....Aledo
Audr. L. J. Clark.......................... "

Energy purchased from Edwards River Pwr. Co.; 2000 kw; trans. 32,000-2300 v. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 86 incs 100 & 32 c. p. $15 per yr.; 30 incs. 500 w. $51 per yr.; 270 lts. 40 & 60 w.; moonlt. mdnt. (Also lts. Alpha, Alexis, Arpee, Woodhull, Rio, New Windsor, North Henderson, Viola, Seaton, New Boston, Joy and Keithsburg.)

D L 1 3 ✠ 125

**ALEXIS,** 829—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. Wm. Bocox............Alexis

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 67 tung. 60 c. p. $19 per yr; midnt.

D L 1 3 ✠ 125

**ALGONQUIN,** 900 — Public Service Co. of Northern Illinois. See Chicago. Energy from Waukegan.

City cont. 24 enc. arcs 600 w. $50 per yr; 15 Tungstens 75 w. $24 per yr.

L ✠ 25

**ALPHA,** 358—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. C. A. Ross ..............Alpha

a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 38 incs. $7.80 per yr; moonlt.

D L 1 3 ✠ ★125

**ALTAMONT,** 1,338—Munic. Elec. Lt. Plant.
*Mgr. & Ch. Engr.
Warren G. Scoggins............Altamont

2 a. c. Elec. Mch. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v.; 225 hp. e. Ide. Brnl; 300 hp. b. Brnl.

City cont. 90 series tung. 6.6 amp. $20 per yr; moonlt; screenings, $1.45.

D L S 3 75

**ALTON,** 17,258—Alton Gas & Elec. Co. Office, City Hall Bldg., Alton. (Controlled by The East St. Louis & Suburban Co. Under management of E. W. Clark & Co. Mgt. Corpn.); cap. auth. & pd. in $500,000.
Pres. & Treas. O. S. Stowell..........Alton
V. Prests. } L. C. Haynes ..........E. St. Louis
} Harold W. Clapp..Columbus, O.
*Sec. T. W. Gregory............E. St. Louis
Audr. F. L. Rearden.......... "
Gen. Mgr. D. E. Parsons........ "
¶Gen. Supt. W. C. Myers...... "
New Bus. Mgr. R. F. Allen............Alton
Supt. Pwr. G. W. Welsh....East St. Louis
Asst. Supt. Pwr. T. H. Ness "
Supt. Elec. Dept. H. L. Scovell......Alton
Engr. Pwr. Sta. J. H. Craig.............. "

Purchases energy from East St. Louis Lt. & Pwr Co.; 2 transf. G. E. tot. 6000 kw; 1 frequency changer G. E. 500 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v. 3 ph 25 cys.

City cont. 317 arcs carbon flame 500 w. $67.50 per yr; 85 Tung. 40 w. $15 per yr; all nt. (Co. also lts. Upper Alton & No. Alton and sells energy to rys.)

D L 3 ✠ ★125

**ALTONA,** 550—Galva Elec. Lt. Co. See Galva.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

City cont. 38 Mazdas 32 c. p. $15 per yr; 2 Mazdas 32 c. p. gratis; 17 4-lt. posts 16 cts. per w. per yr; moonlt. midnt.

D L 1 ✠ 95

**AMBOY,** 1,749—Illinois Northern Utilities Co. See Dixon.
Supt. L. D. Gray........................Amboy

Energy from Oregon and Dixon, 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.

City cont. 143 incs. 75 & 250 w; 1 A. M. & all nt.

D L 3 ✠ 16

**ANNA,** 2,809 — Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. H. R. Halterman.........Anna
Engr. Pwr. Sta. R. Tweedy.......... "

2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. W. E. 225 kw. 600 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 600 hp. e. Ball, Erie & Quincy; 600 hp. b. Stir; also ice plant.

City cont. 101 Mazdas "C" series 6.6 amp. 250, 100 & 60 c. p. $52.50, $22.50 & $16.66⅔ per yr; all nt; coal $1.50. Trans. to Jonesboro (bulk.)

C D I R S 3 ✠ 26

**ARCOLA,** 2,100—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Fred. Leffler...........Arcola

Energy from Mattoon; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. 3 ph. 60 cys.

City cont. 60 incs. series 32 c. p. $18.84 per yr; moonlt.

D L 3 ✠ ★85

**ARLINGTON HEIGHTS,** 1,943—Public Service Co. of Northern Illinois. See Waukegan.

**ARTHUR,** 1,080—Central Illinois Public Service Co. See Mattoon.

**ASHLAND,** 1,096—The Abbott Lt. & Pwr. Co. See Petersburg.

**ASHLEY,** 913—*Munic. Elec. Lt. Plant; cost $10,000; bds. issued, $5,000, 5 p. c. int.
¶ Mgr. O. Reimer.................Ashley
Ch. Engr. Ch. McKenzee ........ "

1 d. c. inc. Coml. 80 kw. 250 v; no day cir; 125 hp. e. Brnl.; 140 hp. b. Brnl.

800 city incs; moonlt; coal $1.25.

C L S ✠ 10

**ASHTON,** 779—Illinois Northern Utilities Co. See Dixon.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

D L 1 3 ✠ ★16

**ASSUMPTION,** 1,918—Central Illinois Public Service Co. See Mattoon.

Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. 3 ph 60 cys.

City cont. 27 arcs 2000 c. p. $72 per yr; all nt.

D L 3 ✠ 85

**ASTORIA,** 1,357—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Mgr. W. O. Falkenstein....Astoria
2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Skinr; 200 hp. b. Frost.
City cont. 31 arcs 2000 c. p. $60 per yr; moonlt. mdnt; coal $1.50.
D L S 2 85

**ATHENS**, 1,340—Athens Elec. Lt. Plant; cost $8,000.
*¶ Owner & Mgr. C. W. Carr.....Athens
Engr. Pwr. Sta. Roy Doom........ "
2 a. c. G. E. Westg. tot. 120 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v; no mo. cir; 112 hp. e. Ide; 160 hp. b. Spring.
City cont. 72 series Tung. 60 c. p. $14.55 per yr; moonlt. midnt; screenings $1.25.
L S 1 ✢ 125

**ATKINSON**, 805—Municipal Elec. Lt. Plant.; cost $15,000.
Vil. Pres. J. E. Rush............Atkinson
*Sec. Jesse Steiner ............. "
Treas. John F. Nowers........ "
¶ Pur. Agt. Lighting Comm...... "
Engr. Pwr. Sta. Elzy Imel....... "
1 a. c. Ft. W. 80 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Ide; 240 hp. b. Frost.
52 city incs. 250 w. $24 per yr; coal $3.
L S 1 ★125

**ATLANTA**, 1,367—*Atlanta Elec. Lt. & Pwr. Co.; cap. $30,000; bds. $5,000.
Pres. Mrs. E. Robinson...........Atlanta
V. Pres. Winifred Robinson....... "
¶ Sec. Treas. Mgr. & Cont. Agt.
J. C. Robinson ................. "
Engr. Pwr. Sta. Joe Rayman...... "
2 a. c. Ft. W. tot. 195 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; trans. 6600 v. s. ph. 60 cys; 300 hp. e. Ham, Cor, Bckye; 200 hp. b. Decatur Novelty Wks.
City cont. 102 series incs. 80, 40 & 32 c. p. — per yr; moonlt. 2 A. M; coal $2. (Also lts. McLean—38 series incs. 80 and 40 c. p.)
D L S 1 ✢ 16

**AUBURN**, 1,814—Central Illinois Public Service Co. See Mattoon.
Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 31 series arcs 450 kw. $72 per yr; all nt.
D L 3 ✢ ★85

**AUGUSTA**, 1,146—Central Illinois Public Service Co. For executive officers see Mattoon.
Local Supt. Roy Baldridge........Augusta
Energy from Macomb; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 16 arcs multiple 6.6 amp. $60 per yr; moonlt. dusk to 12 P. M.
D L 3 ✢ ★85

**AURORA**, 29,807—Western United Gas & Elec. Co.; cap. $4,500,00; bds. $4,001,000.
Pres. I. C. Copley.................. Aurora
¶ V. Pres. & Treas. R. N. Strohn "
Sec. Fred. Bennitt......................Joliet
*Gen. Mgr. Carroll Miller............Aurora
Elec. Engr. W. M. Willett....... "
3 d. c. Natl. tot. 750 kw. 550 v; 4 a. c. Allis-C, Natl. tot. 3200 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 550 v; 1000 hp. e. Ham, Cor; 2000 hp. turb. (stm.) Allis-C; 3500 hp. b. Stir. (Also stm. htg.)
Coal. (Also operates in Glenellyn and Wheaton )
C D H L S 2 125

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Munic. Elec. Lt. Plant; cost $71,700.
*City Elecn. W. E. Barclay..........Aurora
Engrs. Pwr. Sta. Chas. Mitchell........ "
Wm. Hale.............. "
W. E. Coughlin......... "
2 a. c. Ft. W, W. E. tot. 400 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir; 600 hp. e. Erie, Ball; 1170 hp. b. Bab. & W, Murray.
405 city arcs 550 w. $32.40 per yr; 1000 Tung. 60 w; moonlt; coal $2.40.
L S 1 22

**AVA**, 780—*Ava Elec. Lt. Plant.
Owner & Mgr. Eugene Barrow.......Ava
1 d. c. G. E. 60 kw. 240 v; d. c. nt. ltg. cir. 240-220 v; 80 hp. e. Rus; 75 hp. b, C. & T.
City cont. 44 incs. 32 c. p. $15 per yr; moonlt; coal $1.50½.
C L S ✢ 11

**AVON**, 865—Avon Milling & Mfg. Co.; cap. auth. & pd. in $15,000.
*Pres. & Mgr. H. F. Townsend.....Avon
V. Pres. L. A. Townsend.......Galesburg
¶Sec. & Treas. George A. Tompkins. Avon
Engr. Pwr. Sta. Jerry Cheron......... "
2 d. c. Tri. Ft. W. tot. 125 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 250 v; 180 hp. e. Lycoming; 140 hp. b. Frost.
City cont. 72 Mazdas 100 w. $12 per yr; moonlt. 1 A. M; coal $2 50.
C D L S ✢ 125

**BARRINGTON**, 1,444—Public Service Co. of Northern Illinois. For officers, see Chicago.
Sub-sta; supplied from stations at Waukegan and Evanston.
City cont. 88 tungstens 75 & 50 w. $20 & $18.75 per yr.
L ✢ 25

**BARRY**, 1,647—Central Illinois Public Service Co. For executive officers see Mattoon.
Local Supt. Chas. Peck.............Barry
Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys;
City cont. 94 series Tung. 80 c. p. $13.20 per yr; moonlt. mdnt. (Sells energy to Kinderhook Elec. Lt. Co.)
D L 3 ✢ 85

**BATH**, 475—*Munic Elec. Lt. Plant; cost, $2,500.
Pres. Vil. J. J. Breeden...............Bath
Sec. A. F. Keith...................... "
Treas. Wm. Le Tissier............... "
¶ Mgr. L. F. Roloff.................. "
Engr. Pwr. Sta. C. T. Lacey.......... "
1 d. c. Coles 20 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 25 hp. e. (gas) I. H. C.
6 city arcs A. B. 1200 c. p; 305 city incs. 40 w; moonlt; gasoline 10½ cts. per gal.
C D G L ✢ 14w

**BEARDSTOWN**, 6,107—Central Illinois Public Service Co. For executive officers, see Mattoon.
Div. Supt. W. F. Gilman.....Beardstown
Local Supt. H. E. Montgomery. "
3 a. c. G. E. tot. 820 kw. 1000-1100 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 300 hp. e. Ham. Ideal; 500 kw. stm. turb; 300 hp. b. Brnl. Spgf.
City cont. 69 arcs 6.6 amp. $48 & $64.80 per yr; 500 Tung. 25, 40, 60 & 100 w; moonlt. mdnt. & all nt; coal $2.25. (Trans. to Barry, Bluffs, Carrollton, Griggsville, Ipava, Jerseyville, Meredosia, Pittsfield, Roodhouse, Rushville and Virginia.)
D L S 1 3 ✢ ★85

**BELLEVILLE**, 21,122—St. Clair County Gas & Elec. Co. (Controlled by The American Gas Co.): cap. auth. $350,000; bds. outstg. $263,000.

Pres. Morris W. Stroud
S. W. cor. 7th & Locust Sts., Phila., Pa.
Sec. W. R. Fox................ "
Treas. Jos. B. Townsend, 3rd.. "
Gen. Mgr. S. P. Curtis......... "
Mgr. C. H. Quackenbush.....E St. Louis
¶ Pur. Agt. F. D. Wharton....Phila., Pa.
Supt. J. C. Parmely..............Belleville
Ch. Engr. Chas. Krause........ "

Energy purchased from East St. Louis Lt. & Pwr. Co.; 3 transf. West. tot. 1500 kva; 1 mo. gen. West. 50 kw; 2 freq. changers tot. 1250 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; 850 hp. e. Allis; 1250 hp. b. Sterling; 750 kva. turb. (stm.) Westg.

City cont. 387 arcs metallic flaming $68.50 per yr; all nt; coal $1.37.
C D L S 3 ✢ 75

**BELLWOOD,** 943—Public Service Co. of Northern Illinois. See Chicago.

**BELVIDERE,** 7,253—Illinois Northern Utilities Co. For executive officers, see Dixon.
Supt. H. Caird.....................Belvidere
Engr. Pwr. Sta. H. Mott........ "

3 a. c. G. E. West. tot. 515 kva. 1100 v. 2 ph. 60 cys; 2 G. E. rect. 4 amp. tot. 175 lts; a. c. day & nt ltg. cir. 110 v; a. c. mo. cir. 240 v; 850 hp. e. Reynolds, Ideal; 650 hp. b. Wickes, Freeman; stm. htg; also purchases energy from Public Service Co., Crystal Lake, trans. volt 33,000 v.

City cont. 150 arcs 432 w. $72 per yr; 15 incs. 75 w. $23 per yr; moonlt & all nt; coal $2.30. (Supplies energy to Genoa, Hampshire and Harvard.)
D H L S 2 ✢ 16

**BEMENT,** 1,800—The Bement Elec. Lt. & Pwr. Co.; cap. outstdg. $10,000; bds. $8,000.
Pres. Wm. Camp.................Bement
V. Pres. (Mrs.) A. S. Burr......... "
Sec. & Treas. Wm. Steel........... "
*Mgr. W. J. Day..................... "

2 a.c. West. tot. 120 kw. 1100 v. 2 ph. 60 cys; no day cir; 140 hp. e. St. L.; 120 hp. b. Decatur.

City cont. 90 series Tung. —— per yr; moonlt; coal $3.
L S 2 ✢ 125

**BENLD,** 1,912—Southern Illinois Lt. & Pwr. Co. See Gillespie.

**BENTON,** 2,675—Hamilton Utilities Co.; cap. $50,000.
*¶ Pres. Mgr. & Cont. Agt.
F. O. Hamilton....................Benton
V. Pres. W. W. Hamilton.....Carbondale
Sec. & Treas. Chas. E. Hamilton "
Engr. Pwr. Sta. Joe Jones........Benton

3 a. c. Allis C, Westg. tot. 400 kw. — v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Chuse; 240 hp. stm. turb. De Laval; 300 hp. b. Kew; also ice plant.

City cont. 22 G. E. arcs $75 per yr; 67 series incs. $24 per yr; all nt; coal $1. (Co. also lts. West City.)
D I L S 3 ✢ 73

**BERWYN,** 5,841—Public Service Co. of Northern Illinois. See Chicago.

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The Sanitary District of Chicago. See Chicago.

**BISHOP HILL,** 300—Galva Elec. Lt. Co. See Galva.

a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 26 Mazdas 32 c. p. $15 per yr. moonlt. mdnt.
D L 1 16

**BLANDINSVILLE,** 995—Elec. Lt. Plant.
*Owner, C. R. Huston......Blandinsville

1 a.c. West. 75 kw. 1100 v. s. ph. 60 cys; day cir; 120 hp. e. Murray; 120 hp. b. Murray.

City cont. 90 incs. Tungsten 40 w. $12 per yr; moonlt: coal slack, 6 cts. per bu.
D L S 1 ✢ 23

**BLOOMINGTON,** 25,768—Bloomington & Normal Ry. & Lt. Co. Office, 216-18 W. Jefferson St. (Acquired the Morton Lt., Ht., Pwr. & Wtr. Co., El Paso Elec. Lt. Co., Gridley Elec. Lt. Co., Chenoa Elec. Lt. Co. and Lexington Elec. Lt. Co.) Part of the Illinois Traction System.
Pres. Wm. B. McKinley......Champaign
V. Pres. H. E. Chubbuck..........Peoria
Sec. E. A. MacNutt........Montreal, Can.
Treas. Geo. M. Mattis........Champaign
Gen. Supt. M. G. Linn...... Bloomington
Ch. Elecn. & M.M.
C. H. Robinson........... "
Ch. Engr. Pwr. Sta.
John M. Pawling........... "
Oper. Engr. D. G. Wallace.. "

2 a. c. Westg. tot. 700 kw. 2200-104-52 v. 2 ph. 60 cys; 4 d. c. G. E. Bull. tot. 1250 kw. 650 v: day cir; 3200 hp. e. Stir; 600 kw. stm. turb. Allis-C; 3800 hp. b. Stir, Heine; also stm. htg.

Coal. (Co. also lts. El Paso, Gridley, Normal, Meadows, Morton, Lexington, Tremont and Chenoa; sells energy in bulk to Le Roy Elec. Lt., Pwr. & Htg. Co.)
C D H R S 2 ✢ ★16

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Munic. Elec. Lt. Plant; cost $40,000.
¶ Pur. Agt. J. J. Quinn.....Bloomington
*Supt. S. S. Noble.......... "
Asst. Supt. C. C. Williams.. "
Engr. Pwr Sta. Jno. Normile "

3 a. c. W. E. Ft. W. tot. 615 kw. 2300 v. 2 ph. 60 cys; a c. day & nt. ltg. cir. 110 v. 60 cys; 720 hp. b. Heine.

500 city incs. 6.6 amp. 200 c. p; moonlt; coal $1.55.
D L S 2 25 E

**BLUE ISLAND,** 8,043—Public Service Co. of Northern Illinois. For officers, see Chicago.

5 a. c. turbo-gen. G. E. tot. 22,000 kw. 4500-9000-12,000 v. 3 ph. 25 & 60 cys; 9200 hp. b. Bab. & W.

Coal. (Supplies Chicago Heights, Clearing, Crete, Flossmoor, Grand Ridge, Harvey, Hazelcrest, Homewood, Joliet, Kankakee, Lansing, Matteson, Minonk, Midlothian, Oak Lawn, Odell, Riverdale, Steger, Summitt, Thornton, Yard Center, Brookfield, Hodgkins, La Grange, Lyons, Dwight, Palos Park, Coal City and Riverside).
L S 3 25

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The Sanitary District of Chicago. See Chicago.

**BLUE MOUND,** 900—Central Illinois Public Service Co. See Mattoon.

Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 55 series incs. 50 c. p. $19.92 per yr; moonlt. all nt.
D L 3 ✢ ★85

**BLUFFS,** 766—Central Illinois Public Service Co. See Mattoon.

Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 6 arcs A. B. 6.6 amp. $65 per yr; 26 Tung. series 6.6 amp. $18 per yr; moonlt. mdnt.
D L 3 ✢ ★85

**BONDVILLE,** 100—Bondville Elec. Light Co.
Pres. John Barker..............Bondville
V. Pres. Geo. W. Young........ "
*Sec. Jay C. Flowers............ "
Treas. M. A. Kirk................ "
Mgr. Frank Pfiester............. "

Purchases energy from Illinois Trac. System; a. c. day & nt. ltg. cir.

D L ✢ ★16

**BOWEN,** 606—Bowen Electric Co.
Owner E. E. Bennett..............Bowen
*Mgr. D. R. Bennett.............. "
Engr. Pwr. Sta. E. W. Bennett.... "

1 a. c. F. M. & Co. 37½ kva. 1150 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 50 hp. e. (gas) F. M. & Co; 75 hp. gas pro. F. M. & Co.

City cont. 36 series Mazdas 75 w; moonlt. 11 P. M; coal $7.50.

G L 3 ✢ ★85

**BRADLEY,** 1,942—Public Service Co. of Northern Illinois. See Kankakee.

**BRAIDWOOD,** 1,958—Public Service Co. of Northern Illinois. For officers, see Chicago.

Energy from Joliet; trans. 33,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 75 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 78 series Mazdas 100 & 60 w. $20 & $15 per yr; mdnt.

D L 3 ✢ 25

**BREESE,** 2,128—Breese Wtr. & Lt. Co. (Leases Munic. Wtr. & Lt. Plant.)
Pres. J. O. Koch ....................Breese
V. Pres. B. H. Donne.............. "
*Sec. H. W. Schroeder.............. "
Treas. Aug. J. Helwig ............. "
¶ Pur. Agt. F. Schmidt............. "
Supt. & Engr. Pwr. Sta.
George Carr........................ "

2 a. c. West. tot. 200 kw. 2300 v. s. ph. 60 cys; a.c. day & nt ltg. cir. 110v. 60 cys; a. c. day & nt mo. cir. 220-110 v. s. ph. 60 cys; 250 hp. e. Rus; 315 hp. b. Brnl.

City cont. 66 arcs Westg. 250 c. p. moonlt; coal $1.35.

D L S 1 125

**BRIDGEPORT,** 2,713—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. M. E. Stout.......Bridgeport

Energy from Olney, 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 3 incs. 200 c. p. $75 per yr; 54 incs. 80 c. p. $30 per yr; all nt.

D L 3 ✢ ★85

**BROADLANDS,** 480—Central Illinois Public Service Co. See Mattoon.

Energy from Villa Grove, trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 24 series incs. 70 w. $15 per yr; midnt. moonlt.

D L 3 ✢ 85

**BROOKFIELD,** 2,186—Public Service Co. of Northern Illinois. See Blue Island.

**BUCKLEY,** 495 Central Illinois Utilities Co. See Paxton.

3 transf. G. E. 50 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 32 series inc. 60 c. p; all nt.

D L 3 85

**BUDA,** 900—Spring Valley Utilities Co. See Spring Valley.

City cont. 18 arcs 3½ amp. $42 per yr; 2 incs. 32 c. p. $18 per yr; moonlt. 11 P.M.

L ★125

**BUFFALO,** 475—Central Illinois Elec. Co. Office, 516 E. Capitol Ave., Springfield; cap. outstg. $30,000; bds. $28,000.
*Pres. & Gen. Mgr. Geo. B. Conover
Springfield
V. Pres. E. B. Conover........ "
Sec. & Mgr. C. M. Kimball.......Decatur

Buys energy; a.c. day & nt. ltg. cir. 115 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 32 incs. 32 c. p. $18 per yr. moonlt. (Co. also lts. Illiopolis, St. Joseph, Lanesville, Cerro Gordo, Oakwood, Harristown, Niantic, Mechanicsburg, Argenta, Forsyth and Oreana.)

D L 3 ✢ 85

**BUNKER HILL,** 1,046—Munic. Elec. Lt. Plant; cost $15,000.
¶Chmn. Com. Chas. E. Drew.
Bunker Hill
*Supt. & Ch. Engr.
Ross McPherson.......... "
Engr. Pwr. Sta. Chas. Dable "

2 d. c. G. E. tot. 60 kw. 125 v; d. c. nt. ltg. cir. 110 v; d. c. nt. mo. cir 220 v; 100 hp.e. Chuse; 200 hp. b. Erie.

City cont. 3 arcs. A. B. 7 amp; 54 Mazdas mult. 250 w; 11 P. M. moonlt; coal $1.65.

C L S ✢ 75

**BUSHNELL,** 2,619—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. J. H. Truman, Jr....Bushnell
Engr. Walter Palmeter............ "

Energy from Macomb; 3 transf. tot. 800 kw; trans. volt. 33,000-2300 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 37 arcs 2000 c. p. $66 per yr; moonlt.

D L 3 ✢ 85

**BYRON,** 932—Munic. Elec. Lt. Plant; cost $20,000.
Mayor, A. H. Hewett..............Byron
*Sec. E. R. Mize.................... "
Engr. Pwr. Sta. D. E. Goughnour. "

1 d. c. W. E. 16½ kw. 110 v; no day cir; 80 hp. e. (gas) Otto, Olds.

45 city Mazdas 250 w; moonlt; gasoline.

C G L 75

**CAIRO,** 14,548—Cairo Ry. & Lt. System, 9th and Commercial Ave. (Includes Cairo Elec. & Traction Co., Cairo City Gas Co., and Cairo & St. Louis Ry. Co.) Part of the Illinois Traction System; cap. $150,000; bds. $100,000.
Pres. W. B. McKinley........Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. Edward Woodman... Portland, Me.
Treas. E. A. MacNutt.... Montreal, Que.
Audr. B. E. Bramble..........Champaign
¶ Pur. Agt. H. J. Vance.............Peoria
Gen. Supt. W. F. Crossley..........Cairo
Asst. Gen. Supt. M. C. Whiting.... "
Ch. Engr. W. C. Siebold............ "

2 a. c. G. E. (turbo) West. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 2 d. c. W. E, S. & H. tot. 1000 kw. 600 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. day & nt. mo. cir. 550 v; 1600 hp. e. Erie, Ham, Cor; 500 kw. turb. (stm.) G. E. Curtis; 1800 hp. b. Stir.; trans. volt. 16,500 v.

City cont. 133 arcs metallic flame series 4 amp. $80 per yr: 202 incs. "C" series 40 c. p. $16 per yr; all nt; coal $1.20 to $1.60. (Supplies energy to Mound City Lt. & Wtr. Co.)

C D R S 3 ★16

**CAMBRIDGE,** 1,400—Galva Elec. Lt. Co. See Galva.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 42 Mazdas series 5.5 amp. 250 c. p. $42 per yr. and 9 Mazdas series 5.5

amp. 32 c. p. $15 per yr. moonlt. midnt; 28 5-lt. posts and 6 Mazdas 100 c. p. metered.
D L 1 3 ✠ 95

**CAMP POINT,** 1,148—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. James Bryant.....Camp Point
1 a. c. G. E. 75 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 65 hp. e. Atlas; 65 hp. b. Atlas.
City cont. 62 incs. 32 c. p. $17 per yr; 7 incs. 100 c. p. $32 per yr; 4 incs. 200 c. p. $48 per yr; midnt; coal $1.87.
D L S 3 ✠ ★85

**CANTON,** 10,453—Canton Gas & Elec. Co; cap. $300,000; bds. $100,000.
Pres. W. H. Parlin.................Canton
V. Pres. W. P. Ingersoll........... "
*Sec. & Mgr. E. H. Negley......... "
Treas. C. D. Ingersoll............... "
Ch. Engr. Robt. Donaldson....... "
4 a. c. West. G. E. Walker tot. 2300 kw. 2300 v. 2 ph. 60 cys; 1 d. c. West. 200 kw. 550 v; trans. 13,200 v. 2 ph. 60 cys; a c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s & 2 ph. 60 cys; 1000 hp. e. Erie City; 2500 hp. stm. turb. West, G. E; 1800 hp. b. Bab. & W; also stm. htg.
City cont. 210 incs. "C" 6.6 amp. 250 c. p. $62.50 per yr; all nt; screenings $1. (Co. also lts. St. David, Bryant, Dunfermline, Glasford and Norris and sells energy to Illinois Central Elec. Ry. and Lewiston Elec. Co.)
C D H L S 1 2 75

**CARBONDALE,** 5,411—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. A. D. Kerr........Carbondale
Engr. Pwr. Sta.
Henry J. Halterman........ "
3 a. c. Allis C. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110-220 v; 650 hp. e. Erie, Taylor, Chuse; 500 hp. b. Erie.
City cont. 40 arcs A. B. enc. 2000 c. p. $60 per yr; 4 incs. 400 c. p. and 36 incs. 60-100 c. p; all nt; coal $1.20.
D L S 3 ✠ ★26

**CARLINVILLE,** 3,616—Madison County Lt. & Pwr. Co. For executive officers, see Granite City.
Supt. C. T. Wheat..............Carlinville
1 arc Ft. W. 80 lt; 1 d. c. Westg. 20 kw; no day cir; 241 hp. e. Ide; 180 hp. b. Heine.
City cont. 60 arcs Wood 6.6 amp. $72 per yr; 18 incs. 25 c. p. $18 per yr; all nt; coal 80 cts.
C L S 16

**CARLYLE,** 1,982—Munic. Elec. Lt. & Wtr. Plant: cost $28,000; bds. $13,000.
Mayor, H. C. Norcross..............Carlyle
*Sec. J. C. Lampen................ "
Treas. B. Allen...................... "
Mgr. B. Bond......................... "
¶ Pur. Agt. J. B. Wuller........... "
Supt. Geo. Schilling................ "
Engr. Pwr. Sta. Jno. Dodson..... "
2 a. c. Westg. Mnpl. tot. 225 kw. 1100-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 335 hp e. Chuse, Russell; 375 hp. b. Wangler.
City cont. 6 arcs; 80 tung. 250 w.; coal 90 cts.
D L S 2 104†

**CARMI,** 2,833—*Munic. Elec. Lt. Plant; cost $35,000.
Supt. Herman Bates................Carmi
Engr. Pwr. Sta. Wm. Ellis......... "
2 a. c. Ft. W, Westg. tot. 210 kw. 2200-110 v. s. ph. 60 cys; a. c. day cir. 220-110 v; a. c. pwr. cir. 220-110 v; 300 hp. e. Bates, L. & B; 500 hp. b. Brnl.
95 city series Tung. 6.6 amp; moonlt; coal $1.35.
D L S 1 73

**CARPENTERSVILLE,** 1,128—Public Service Co. of Northern Illinois. See Waukegan.

**CARRIERS MILLS,** 2,500—The Carriers Mills Utilities Co. Offices, Du Quion and Carriers Mills; cap. outstdg. $5,000; no bds.
¶ Pres. & Credit Mgr.
H. E. Kimmel..................Du Quion
*Sec., Treas. & Service Mgr.
W. E. Taborn.................. "
Purchases energy from Central Illinois Public Service Co; 3 transf. G. E. tot. 50 kw; a. c. day & nt. ltg. cir 110 v. 60 cys.; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 34 Mazdas "C" 100 w. $25 per yr. all nt.
D L 1 3 ✠ ★125

**CARROLLTON,** 2,323—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. F. W. Hardin......Carrollton
Engr. Pwr. Sta. Eber Carter.... "
2 a.c. West. tot. 210 kw. 110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 240 hp. e. Ide, Chuse; 450 hp. b. O'B, Noote; stm. htg; also receives energy from Beardstown and Hull.
City cont. 48 arcs enc. 2000 c. p. $75 per yr; 6 Tung. series 32 c. p. $25 per yr; all nt. moonlt; coal $1.20.
D H L S 1 3 ✠ ★85

**CARTERVILLE,** 2,971—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Ransom Little....Carterville
Trans. from Harrisburg and Christopher, 33,000 v. 3 ph. 60 cys; 3 transf. G.E. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 6 type "C" lamps 400 c.p. 6.6 amp. and 195 incs. 32 c.p. 6.6 amp; all nt.
D L 1 3 ✠ ★26

**CARTHAGE,** 2,373—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. H. H. Perrier.......Carthage
Engr. Pwr. Sta. W. E. Ament... "
1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Ideal; 300 hp. b. Frost, Michl.
City cont. 97 incs. 60 c. p. $20 per yr; midnt; moonlt; coal $1.90.
D L S 3 ✠ ★85

**CASEY,** 2,157—Munic. Electric Lt. Plant: cost $25,000.
Pres. Vil. J. V. Price..................Casey
Sec. H. Roebuck...................... "
Treas. J Watts........................ "
¶ Pur. Agt. Wm. Chenoworth....... "
*Supt. J. C. Pfister.................. "
Engr. Pwr. Sta. Ben Packer......... "
1 d. c. Bull. 25 kw. 120 v; 2 a. c. Ft. W, Bull. 205 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. ltg. & mo. cir. 120 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 350 hp. e. Chuse; 300 hp. b. Rhoan, Brnl.
44 city arcs 2000 c. p. $60 per yr. moonlt; natural gas 12½ cts.
C D L S 1 ✠ ★16

**CATLIN,** 952—Munic. Elec. Lt. Plant; bds. $5,200.
Mayor, H. H. Kidd...................Catlin
*Gen. Supt. E. P. Jenkins........... "
Engr. Pwr. Sta. R. M. Spry.......... "

1 a. c. Ft. W. 80 kw. 2200 v. 3 ph, 60 cys; a. c. nt. ltg. cir. 106 v; 150 hp. e. Bates; 200 hp. b. Atlas.

City cont. 21 arcs Ft. W; 40 incs, Gem; coal.

L S 3 ★85

**CEDAR POINT**, 545—Cedar Point Lt. & Wtr. Co. Pwr. sta. at La Salle; cap. $20,000.
Pres. F. W. Dennis........Detroit, Mich.
V. Pres. D. L. Quirk....Ypsilanti, "
*¶Supt. C. C. Swift ..........Cedar Point

2 d. c. Westg. tot. 87 kw. 220 v; d. c. nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 200 hp. e. Atlas.

City cont. 16 Mazdas $47 per yr; screenings $1.10.

C L S 125

**CENTRALIA**, 9,680—Centralia Gas & Elec. Co.; cap. $250,000; bds. $165,000.
*Sec. Frank I. Higgins..........Centralia
Andr. W. N. Walters............ "
Gen. Supt. A. L. Gillette........ "
Ch. Engr. Floyd Schooley...... "

2 a. c. Bull. 400 kw. 2080-208-104 v. s. ph. 60 cys; a. c. day cir. 104 v; pwr. cir. 208-104 v; 500 hp. e. Fitch; 700 hp. b; 625 kva. turbo-gen.

City cont. 107 arcs 2000 c. p. $67 per yr. all nt; slack $1.05. (Co. also lts. Central City and sells energy to Centralia & Central City Traction Co.)

D L S 1 651

**CERRO GORDO**, 876—Central Illinois Elec. Co. See Buffalo.
Local Supt. Harry Bruaw....Cerro Gordo

a. c. day & nt. ltg. cir. 115 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 40 Mazdas 60 w. $22.50 per yr; moonlt.

D L 3 ✢ 95

**CHADWICK**, 527—*Munic. Electric Lt. Plant; cost $5,000.

1 d. c. Westg. 55 kw. 110 v; 60 hp. e. Alfree; 75 hp. b. Erie City.

Mdnt; coal $2.65.

C L S ✢ ★125†

**CHAMPAIGN**, 12,421—Urbana & Champaign Ry., Gas & Elec. Co. Office, cor. University & Market Sts. (Part of the Illinois Trac. System); cap. auth. & pd. in $700,000; bds. auth. & outstg. $1,181,000.
Pres. W. B. McKinley........Champaign
V. Pres. & Treas. Geo. M. Mattis "
Sec. T. B. Macaulay......Montreal, Can.
Gen. Mgr. H. E. Chubbuck........Peoria
Audr. C. E. Cox................Champaign
Supt. H. J. Pepper............ "
¶Pur. Agt. H. J. Vance............Peoria
Engr. Pwr. Sta. Fred Heimlecker Champaign

3 a. c. G. E. Allis-C, Natl. tot. 1750 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. Bull tot. 1000 kw. 600 v; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 220 440 v. 3 ph. 60 cys; d. c. mo. cir. 600 v; trans 33,000 v. 3 ph. 25 cys; 4500 hp. e. Allis-C. Rus. Fulton: 3480 hp. b. A. & T, Heine Stir. Geary; 75 kw. stm. turb. G. E; also stm. htg.

Screenings $1.50. (Energy sold to City at 2 cts. per kw. hr.)

C D H R S 3 ✢ 25

**CHANDLERVILLE**, 884—Munic. Elec. Lt. Plant; cost $12,000; bds. $5,000.
Mayor, J. W. Abbot........Chandlerville
*Clerk, J. P. Haynes......... "
Treas. C. L. Fielden.......... "
Chm. Lt. Com. I. G. Bair.... "
Engr. Pwr. Sta. Sam Shore.. "

1 a. c. Westg. 50 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir; 80 hp. e. Ide; 100 hp. b. Frost.

22 city arcs Westg. series 6.6 amp; 15 series tung; moonlt; coal $1.89.

L S 1 ✢ ★125

**CHARLESTON**, 5,884—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. H. E. Hayworth....Charleston

Receives energy from Mattoon over 11 mi. trans. line 13,200 v. 3 ph; changed at Charleston to 2300 v. 60 cys; 2 a. c. Warren, West. tot. 150 kw. 1100 v. s. ph. 133 cys; 2 d. c. G. E. 120 kw. 110-220 v; a. c. day & nt. ltg. cir. 110 v; d. c. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; d. c. mo. cir. 110-220 v; 500 hp. e. Ball, Bates; 600 hp. b. Stir; also stm. htg. and ice plant (York).

City cont. 80 arcs 2000 c. p. $60 per yr; all nt; coal $1.30.

C D H I L S 3 ✢ 85

**CHATSWORTH**, 1,112—Central Illinois Utilities Co. See Paxton.

**CHENOA**, 1,314—Bloomington & Normal Ry. & Lt. Co. For executive officers, see Bloomington.
Local Mgr. J. K. Tuthill..........Chenoa

City cont. 30 arcs street series 200 c. p. $80 per yr; moonlt. all nt.

L ✢ 16

**CHERRY**, 1,048—Spring Valley Utilities Co. See Spring Valley.

**CHERRY VALLEY**, 433—Cherry Valley Lt. & Pwr. Co; cap. $15,000.
Pres. Louis Koth...............Sycamore
V. Pres. H. F. Pfingsten......... Bartlett
*¶Sec. & Treas. W. C. Wilkening........Cherry Valley

1 d. c. Northern 250 v; d. c. day & nt. ltg. cir. 220 v; 130 hp. wtr. wh. McC.

City cont. 7 arcs $50 per yr; 15 incs. $12.50 per yr; sundown to mdnt.

C D L W ✢ 125

**CHESTER**, 2,747—Chester Lt. & Ice Plant; cap. $10,500; no bds.
Pres. Geo. W. Wright.........Ellis Grove
¶Sec. & Treas. J. Fred. Gilster...Chester
Mgr. Albert G. Neuling.......Ellis Grove
*Supt. & Ch. Engr. John Bargman. Chester

2 a. c. Westg. tot 275 kw. 2400 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. R. & F, Cor, Ideal; 160 hp. b. O'Brien; also ice plant.

City cont. 30 Tungstens 350 w. $70 per yr; 35 Tungstens 32 c. p. $15 per yr; all nt: coal $1.09½.

D I L S 1 3 ✢ 15E

**CHICAGO**, 2,185,283—Commonwealth Edison Co., 72 W. Adams St., Chicago; cap. auth. $50,000,000; bds. $40,000,000.
Pres. Samuel Insull..............Chicago
V. Prests.
- Louis A. Ferguson (In charge of Cont., Oper., Const. & Elec. Depts.) "
- John F. Gilchrist (In charge of Pur., Stores, Transpt. & Statist'l Depts.)............. "
- William A. Fox (In charge of Fina., Secur. & Claims).......... "
- John H. Gulick (In charge of Account'g Dept.) "

*Sec. & Treas. Edward J. Doyle. "
Ch. Oper. Engr. W. L. Abbott... "
Elecl. Engr. R. F. Schuchardt.... "

28 a. c. G. E. Parsons tot. 335 400 kw. 4000-9000 & 12,000 v. 3 ph. 25 & 60 cys; 21 d.c. G. E West. tot. 28,650 kw. 250 & 600 v; E.S.B. stor. bat. 125 v. 170,856 amp. hrs; a. c. & d. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d.c. mo. cir. 230 v; trans. volt. 9,000-12,000-20,000 v. 3 ph. 25 & 60 cys; 48,600 hp. e. Por.-A., Allis C; 112,020 hp. b. Heine, Bab. & W; 333,000 kw. stm turb. G. E., Parsons; 103 transf. G.E. Allis-C, Pitts. tot. 83,450 kw; 123 rotary conv. G. E, West. tot. 158,300 kw; 3 mo.-gen. G. E. tot. 3090

kw; 30 frequency changers tot. 29,500 kw.

City cont. 1,386 flame arcs; all nt; screenings. (Furnishes all energy for all st. & elevated railroads of Chicago; supplies Public Service Co. of Northern Illinois for Evanston.)

C D L S 3 ✣ 16

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Lincoln Park Commissioners. Office, Clark & Center Sts.

¶ Pur. Agt. Theodore Evers......Chicago
Gen. Supt. Edw. A. Kaust........ "
*Elec'l Engr.
Claude H. Shepherd............ "

Buys energy from The Sanitary District of Chicago; 28 transf. W. E, Allis-C, G. E. tot. 1420 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2 rect. G. E. tot. 70 amp: 930 amp.-hrs. stor bat. 110 v. E. S. B; trans. volt. 12,000 v. 3 ph. 60 cys.

City cont. 234 arcs W. E. 7.5 amp. $30 per yr; 955 series "C" incs. 400 c.p. 15 amp. $19 per yr. and 5681 mult. "C" & "B" incs; all nt. & midnt. (Lts. Boulevards of Lincoln Park System.) (Contemplates installation of 500 kw. 3 ph. 2300-4000 v. turbo-generator set for htg. system and 350 additional 400 c.p. "C" boulevard lts.)

D L 3 ★16

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Municipal Street Lighting System.

*Comr. Gas & Elect.
William J. Keith.............City Hall

Energy from The Sanitary District of Chicago.

7509 city incs. 100 c. p.; 12,061 600-c. p. 20-amp. incs., operated through compensators on 6.6-amp. and 10 amp. circuits; 9,444 series flame arcs G. E. "W" and 200 West. Stave flame arcs 465 w. 10 amp; 6133 Tung. mult. 25 w. of which 1275 are rented from utilities companies at $6 per yr; also rents 12 magn. arcs at $62.50 per yr. and 60 enc. mult. arcs and 1264 West. flame arcs at $75 per yr. from utilities companies; 4015 hours. (During 1916, department will place in service 619 additional flame arcs, 3084 300-w. incs. and 1372 75-w. incs.)

L §16

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Public Service Co. of Northern Illinois, 137 So. La. Salle St.; cap. stk. outstg. com. $10,062,500, pfrd. $7,588,000. (Organized in August, 1911, and acquired the properties formerly belonging to the North Shore Elec. Co., which included the Evanston Elec. Illg. Co., Highland Park Elec. Lt. Co., Waukegan Elec. Lt. Co., Evanston Yaryan Co., Calumet Ltg. Co., La Grange Service Co., Maywood, Proviso Elec. Lt. & Pwr. Co., Freeman Pwr. Supply Co., Elmhurst Elec. Lt. & Pwr. Co., Leyden Lt. & Pwr. Co., Illinois Lakes Lt. & Pwr. Co., Citizens' Lt., Ht. & Pwr. Co. (Dundee) and Chicago Suburban Lt. & Pwr. Co.; the Economy Lt. & Pwr. Co.; Illinois Valley Gas & Elec. Co., which included the elec. lt. plants in Dwight, Odell, Grand Ridge and Wilmington; the lt. and pwr. depts. of Illinois Lake Lt. & Phone Co. of No. Crystal Lake; the United Elec. Co. of Morris, and the Seneca and other lt. and pwr. plants north of Joliet, and in Wilmington and Streator.) (Began operations in Nov., 1911, and since then has acquired the property of the Kankakee Gas & Elec. Co. and other properties, which include a field covering over 4,300 sq. miles.)

Pres. Samuel Insull...............Chicago
V. Prests. { Frank J. Baker....... "
Chas. A. Munroe...... "
John H. Gulick...... " }
Asst. to Pres. John F. Gilchrist.. "
Asst. to V. Prests.
John G. Learned................ "
Sec. & Treas. —— ——....... "
Asst. Sec. & Asst. Treas.
E. E. Brenneman.............Chicago
Asst. Audr. H. W. Wyman....... "
Gen. Supt. Geo. H. Lukes........ "
Mech. Engr. J. L. Hecht......... "
¶ Pur. Agt. George R. Jones..... "
Statistician, S. B. Cushing....... "

Chief generating stations located at Waukegan, Evanston, Maywood, Oak Park, Blue Island, Joliet, Streator, Pontiac, Highwood, Kankakee and Wilmington; total eng. capacity 45,625 hp; hydro, 6540 hp; gens. 50,815 kw; 2300-4500-9000-12,000 v. 3 ph. 25 & 60 cys; 33,000-20,000-12,000-10,000 v. trans. 3 ph. 25 & 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; also purchases energy from Commonwealth Ed. Co.; 6100 kw. rot. conv.

Co. serves Chicago Heights, Harvey, Homewood, Thornton, Steger, Flossmoor, Crete, Elmhurst, Park Ridge, Glencoe, Highland Park, Highwood, Waukegan, Maywood, Lake Bluff, Melrose Park, North Chicago, Clearing, Lake Forest, River Forest, Gross Point, Wilmette, Ft. Sheridan, Edison Park, Des Plaines, La Grange, Libertyville, Ravinia, Rondout, Niles Center, Congress Park, Brookfield, River Grove, Franklin Park, Bellwood, Bradley, Dundee, Carpentersville, Barrington, Crystal Lake, McHenry, Palatine, Lake Zurich, Antioch, Grayslake, Fox Lake, Deerfield, Shermerville, Evanston, Garfield, Glenview, Matteson, Larose, Lyons, Lake Villa, Round Lake, Bensenville, Area, Arlington Heights, Ashmore, Cary, Riverside, Pistakee Bay, Techny, Rockefeller, Wheeling, Morton Grove, Algonquin, Argo, Austin, Berwyn, Bourbonnais, Braceville, Braidwood, Cicero, Addison, Bernice, Bristol, Burnham, Diamond Lake, East Brooklyn, Eileen, Golf, Hillside, Hodgkins, Kansas, Lockport, Lostant, McCook, Monee, Phoenix, Riverdale, Tonico, Cary, Blue Island, Bridgeport, Chillicothe, Coal City, Grand Ridge, Cornell, Dwight, Elwood, Forest Park, Frankfort, Gardner, Hazel Crest, Henry, Ingleside, Joliet, Kankakee, Kenilworth, Kinsman, Lacon, Lansing, Lemont, Manhattan, Manteno, Mazon, Midlothian, Minonk, Mokena, Morris, New Lenox, Oaklawn, Oakglen, Odell, Oak Park, Palos Park, Plainfield, Ransom, Pontiac, Rutland, Rockdale, St. Anne, Seneca, So. Chicago Heights, So. Wilmington, Sparland, Streator, Summit, Toluca, Torino, Verona, Wauconda, Westfield, Wilmington, No. Chillicothe, Yard Center, Yorkville, Zion City, South Holland and Johnsburg; supplies energy to Illinois Northern Utilities Co; also sells to railways.

D N S W 1 3 ✣ 25

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The Sanitary District of Chicago. (Munic.) Offices, 700 Karpen Bldg. Power plant at Lockport; cost $4,500,000.

Pres. Thos. A. Smyth ........Chicago
Treas. John A. McCormick........ "
Cont. Agt. John F. Murphy...... "
¶ Pur. Agt. John A. Gaynor..... "
*Elec. Engr. Edward B. Ellicott.. "
Engr. Pwr. Sta. W. J. Moore.......Joliet

7 a.c.C.W. tot. 28,000 kw. 6600 v. 3 ph. 60 cys; trans. 44,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 32,000 hp. wtr. wh. W. S. M; 18 transf. G. E.

Supplies City Street Lighting System, Lincoln Park Commissioners, South Park Commissioners and West Chicago Park Commissioners; owns distributing systems at Berwyn, Blue Island and Lyons; sells energy in bulk to Evergreen Park, Morgan Park, Mt. Greenwood, Forest Park, South Holland and Dolton.

D N W 3 ★125

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South Park Commissioners. Office, 57th St. and Cottage Grove Ave. (Includes

Jackson, Washington, Marquette, Grant, other small parks and approx. 10 miles of boulevard.)

*Supt. J. F. Foster..................Chicago
Mech. & Elecl. Engr. W. I. Bell.. "

Energy purchased from The Sanitary Dist. of Chicago at ¾ cts. per kw. hr; 6 transf. G. E, Ft. W. tot. 1800 kva. The So. Park Sta. will be run, only when necessary, by the Sanitary Dist.; 2 a. c. Westg. G. E. tot. 1100 kw. 4150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1100 kw. turb. (stm.) G. E, Westg; 1050 hp. b. Heine. (Trans. to supply 12 small parks; also exhaust stm. for htg. greenhouses and park bldgs.)

All nt: coal $2.30. (Lts. all parks and boulevards on South Side of City; series arc and tungsten lamps on boulevards.)

D H L S 3 ★125

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West Chicago Park Commissioners.

*Supt. Alfred C. Schrader
Union Pk., Chicago
Stationary Engr.
J. A. Graser......Garfield Pk., "
Ch. Elecn. E. I. Barton " "

Energy purchased from The Sanitary Dist. of Chicago; 12,000 v. 3 ph; 15 transf. G. E. tot. 675 kw; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 208 v. 3 ph. 60 cys; 1000 hp. b. Standard. (Lts. West Chicago and parks and boulevards.)

D L 3 ★125

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H. M. Byllesby & Co. Office, 206 South La Salle St., Chicago. (Control and are operating and managing engineers of the following companies—Standard Gas & Elec. Co. which company controls the Oklahoma Gas & Elec. Co. (Okla. City, Okla.), Muskogee (Okla.) Gas & Elec. Co., Ft. Smith (Ark.) Lt. & Trac. Co., Mobile (Ala.) Elec. Co., Tacoma (Wash.) Gas Co., Enid (Okla.) Elec. & Gas Co., El Reno (Okla.) Gas & Elec. Co., Ottumwa (Ia.) Ry. & Lt. Co., San Diego (Cal.) Consolidated Gas & Elec. Co., Everett (Wash.) Gas Co., Southwestern General Gas Co., Ft. Smith, Ark., Olympia (Wash.) Gas Co., Sapulpa (Okla.) Electric Co., Western States Gas & Elec. Co., Stockton, Eureka and Richmond, Calif., and Arkansas Valley Ry., Lt. & Pwr. Co., Pueblo, Victor, Rocky Ford, La Junta, Canon City and Cripple Creek, Colo.: Mississippi Valley Gas & Elec. Co., which company controls jointly with the Standard Gas & Elec. Co., the Louisville Gas & Elec. Co. of Del., which in turn controls Louisville Gas & Elec. Co. of Ky.. Kentucky Coke Co. and Kentucky Pipe Line Co. Have large but not controlling interest in the following companies: Northern Idaho & Montana Pwr Co., operating the following properties—Big Fork, Polson, Mont., Sandpoint, Ida. and Newport, Wash. & Oregon Pwr. Co. in Marshfield, Albany and Dallas, Ore.; Northern States Pwr. Co., holding company for following properties—Minneapolis (Minn.) General Electric Co., Northern Miss. River Co., Minneapolis, Minn., Consumers' Pwr. Co., operating plants in Faribault, Stillwater, Mankato, Cannon Falls, Rapidan and St. Paul, Minn., Minot, N. D., and Sioux Falls, S. D., Union Lt., Ht. & Pwr. Co., Fargo, N.D., Apple River Pwr. Co., Somerset, Wis., Interstate Lt. & Pwr. Co., Galena, Ill. and Red River Power Co.. Red Lake Falls, Minn. and Grand Forks, N. D; cap. (prfd.) $961,300, (com.) $1,413,300.

Pres. H. M. Byllesby ..............Chicago
V. Prests.
Arthur S. Huey...... "
J. J. O'Brien (Treas.) "
Otto E. Osthoff (Ch. Engr.) "
G. H. Harries......... "
Elmer Dover......... "
R. J. Graf (Sec.)..... "

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Middle West Utilities Co. Office, 72 West Adams St., Chicago. The following is a list of subsidiary companies: Central Illinois Public Service Co., Illinois Northern Utilities Co., Central Illinois Utilities Co., Tri-County Lt. & Pwr. Co., Freeport Ry. & Lt. Co., Interstate Public Service Co., Southern Ind. Pwr. Co., Central Indiana Ltg. Co., Franklin Wtr., Lt. & Pwr. Co., United Gas & Elec. Co, New Albany Wtr. Wks., Louisville & Northern Ry. & Ltg. Co., Louisville & Southern Indiana Traction Co., Kentucky Utilities Co., Public Service Co. of Oklahoma, Chickasha Gas & Elec. Co., Missouri Gas & Elec. Service Co., Marquette County Gas & Elec. Co., Constantine Hydraulic Co., Milling & Pwr. Co., Three Rivers Lt. & Pwr. Co., Three Rivers Gas Co., Nebraska City Utilities Co., Walworth Ltg. Plant and Twin State Gas & Elec. Co.; cap. $9.971,800 (prfd.), $8,650,700 (com.): bds. $1,995,000; notes issued $3,500,000.

Pres. Samuel Insull..................Chicago
V. Prests.
Martin J. Insull...... "
John F. Gilchrist.... "
Sec. Edward J. Doyle.............. "
Asst. Sec. O. E. McCormick...... "
Treas. Robert W. Waite.......... "
Gen. Counsel, Bernard Flexner. "

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Northern States Pwr. Co. (Owns entire capital stock, except qualifying directors' shares, of the Consumers Pwr. Co., which company, either directly or through stock ownership, operates electric light and power plants or serves energy by high tension trans. system at Minneapolis, Cannon Falls, White Bear, Red Lake Falls and Rapidan, Minnesota, and at Galena, Illinois, Sioux Falls, S. D., and Platteville, Wis. and intermediate towns and zinc mines (served by high tension transmission system): electric light and power and gas plants at Stillwater, Northfield, Faribault and Mankato, Minn.; gas distributing system at Hudson, Wis., gas being furnished from Stillwater; electric light and power and steam heating plants at St. Paul and South St. Paul, Minn.; electric light and power, gas and steam heating plants at Grand Forks and Fargo, NorthDakota; electric light and power and steam heating plants and telephone system at Minot, N. D.: street railway in Fargo, North Dakota, and Moorhead, Minn.) (The Northern Mississippi River Pwr. Co., a subsidiary, operates a hydro-elec. plant on Mississippi River, 13 miles above Minneapolis); cap. auth. $30,000,000, outstanding $14,361,700; bds. auth. (Consumers Pwr. Co.) $75,000,000; outstanding $28,752,000, including $5,000,000 Northern States Pwr. Co. collateral lien 5-yr. notes, $7,777,000 Minneapolis General Elec. Co. 5's, $2,000,000 Minneapolis 3-yr. coupon notes and $2,065,000 No. Miss. River Pwr. Co. 5's.

Pres. H. M. Byllesby..............Chicago
V. Pres. O. E. Osthoff............ "
Sec. R. J. Graf..................... "
Treas. H. R. Frost....Minneapolis, Minn.

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Standard Gas & Elec. Co. Office, 206 So. La Salle St., Chicago. (Holding company controlling the following operating companies: Oklahoma Gas & Elec. Co. (Okla. City, Okla.), Muskogee (Okla.) Gas & Elec. Co.. Ft. Smith (Ark.) Lt. & Trac. Co., Mobile (Ala.) Elec. Co.. Tacoma (Wash.) Gas Co., Enid (Okla.) Elec. & Gas Co., El Reno (Okla.) Gas & Elec. Co., Ottumwa (Iowa) Ry. & Lt. Co., San Diego (Calif.) Consolidated Gas & Elec. Co., Everett (Wash.) Gas Co., Southwestern General Gas Co., Ft. Smith, Ark., Olympia (Wash.) Gas Co., Sapulpa (Okla.) Elec. Co., Western States Gas & Elec. Co., Stockton, Eureka and Rich-

mond, Calif., and Arkansas Valley Ry., Lt. & Pwr. Co., Pueblo, Victor, Rocky Ford, La Junta, Canon City and Cripple Creek, Colo. The Mississippi Valley Gas & Elec. Co. controls jointly with the Standard Gas & Elec. Co., the Louisville Gas & Elec. Co. of Delaware, which in turn controls the Louisville Gas & Elec. Co. of Ky., Kentucky Coke Co. and Kentucky Pipe Line Co.) (Controlled by H. M. Byllesby & Co.)
Pres. H. M. Byllesby..............Chicago
V. Prests. { Otto E. Osthoff....... "
J. J. O'Brien......... "
F. C. Gordon......... "
Arthur S. Huey....... "
Sec. M. A. Morrison............... "
Treas. R. J. Graf.................. "
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**CHICAGO HEIGHTS,** 14,525—Public Service Co. of Northern Illinois. See Blue Island.

**CHILLICOTHE,** 1,851—Public Service Co. of Northern Illinois. See Joliet.

**CHRISMAN,** 1,193—Danville St. Ry. & Lt. Co. See Danville.
City cont. 50 incs. 50 c. p. $28 per yr; 20 incs. 100 c. p. $45 per yr; moonlt.
L ✣ 16

**CHRISTOPHER,** 1,825—Tyrone Elec. Co. Office, 72 W. Adams St., Chicago.
Pres. F. A. Tufford } 72 West Adams St.,
Sec. A. A. Rolfe.... } Chicago
Audr. G.B. Renn.... "
*Gen. Mgr. A. W. Spaht.....Christopher
Purchases energy from Egyptian Electric Co.; trans. volt. 33,000-2300 v; 36 transf. G.E. West. tot. 355 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 6 arcs flame 6.6 amp. $75 per yr; 116 Mazdas 6.6 amp. 100 w. $25 per yr: all nt. (Co. also lts. Sesser.)
D L 1 3 ✣ 125

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Egyptian Electric Co. Office, 72 W. Adams St., Chicago. (Leased from Christopher Coal Mining Co.)
Pres. F. A. Tufford..............Chicago
Sec. A. A. Rolfe.................. "
Mgr. A. W. Spaht............Christopher
Audr. G. B. Renn...............Chicago
2 a. c. G. E. tot. 2000 kva. 2300 v. 3 ph. 60 cys.
Coal. (Approximately half of output sold to Christopher Coal Mining Co., balance to Tyrone Elec. Co. & Central Illinois Public Service Co.)
S T 3 125

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Central Illinois Public Service Co. See Mattoon.
Energy purchased from Egyptian Elec. Co; supplies Carterville, Herrin, Johnson City, Marion and West Frankfort.
L 85

**CICERO,** 14,557—Public Service Co. of Northern Illinois. See Chicago.

**CISSNA PARK,** 652—Electric Service Co; cap. outstg. $15,000; no bds.
Pres. Emma L. Lindner......Cissna Park
*¶V. Pres. & Mgr. E. Lindner "
Sec. & Treas. D. Watkins.... "
2 a. c. Ft. Wayne Wood tot. 80 kw. 1000 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 104 v. 133 cys; 100 hp. e. Frost; 200 hp. b. Erie City.
City cont. 66 Tung. 40 w. $16.80 per yr; moonlt. 11 P. M; slack.
D L S 1 ✣ 125

**CLAYTON,** 940—Central Illinois Public Service Co. See Mattoon.
Energy from Camp Point 8000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 50 Tung. 32 c. p. $17 per yr. midnt.
D L 3 ★85

**CLINTON,** 5,165—Clinton Gas & Elec. Co. Office, 700 Public Square. (Part of Illinois Traction System.)
Pres. W. B. McKinley........Champaign
V. Pres. Chas. Zilly.......... "
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. MacNutt........Montreal, Que.
Treas. & Asst. Sec.
Geo. M. Mattis...............Champaign
Audr. Clara Day..................Clinton
¶ Pur. Agt. H. J. Vance...........Peoria
Supt. Chas. A. Cline..............Clinton
Audr. Clara Day.................. "
Engr. Pwr. Sta. C. L. Smith...... "
2 a.c. Westg. tot. 400 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 3 ph. 60 cys; 500 hp. e. Murray, Cor; 900 hp. b. Stir; also stm. htg.
City cont. 100 type "C" lamps 400 c. p. $40 per yr; 600 Mazdas 40 & 60 w. $17.40 per 5-lt. post per yr; moonlt; screenings $1.50.
D H L S 1 3 ✣ ★16

**COAL CITY,** 2,667—Public Service Co. of Northern Illinois (Southern Div.). For officers, see Chicago.
Sub-sta; energy from Joliet and Blue Island stations.
City cont. 52 Tung. 50 w. $24 per yr; 24 4-lt. posts 50 w. $56 per yr.
L ✣ 25

**COFFEEN,** 980—Southern Illinois Lt. & Pwr. Co. See Hillsboro.
City cont. 13 arcs 2000 c. p. $75 per yr; moonlt.
L ✣ 16

**COLCHESTER,** 1,445—Central Illinois Public Service Co. See Mattoon.
Energy from Macomb; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 100 incs. 40 w. $12 per yr; 11 P. M.
D L 3 ✣ ★85

**COLLINSVILLE,** 7,478—Southern Illinois Lt. & Pwr. Co. For executive officers, see Hillsboro.
Supt. L. O. Wallace..........Collinsville
2 a.c. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 1 G. E. rect. 50 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 1500 kw. turb. (stm.) G.E; 850 hp.b. Lyon.
City cont. 50 arcs magn. 350 w. $70 per yr; 181 Mazdas 100 w. $20 per yr; all nt; coal 75 cts. (Also lts. Maryville; 33,000 v. trans. to O'Fallon.)
D N S 1 3 ✣ 16

**COLUMBIA,** 2,076—Munic. Elec. Lt. Plant; cost $3,500.
Mayor, F. G. Rapp................Columbia
Clerk, E. H. Brucker ........... "
Treas. Julius Lotz................ "
*¶Supt. E. L. Rauch............ "
Engr. Pwr. Sta. Adam Thiesen.. "
1 a. c. Allis-C. 75 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v; 60 hp. e. Ideal; 200 hp.b. Bass Foundry Co.
800 city incs. 75 w; moonlt; coal $1.92.
L S 1 ✣ ★125

**CORNELL,** 536—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Engr. Pwr. Sta. Roy Rhodes......Cornell
1 a. c. Ft. W. 45 kw. 1100-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Ide; 120 hp. b. Mohr.
City cont. 2 arcs Ft. Wayne 6.6 amp. $60 per yr; 19 incs. 16 c. p. $10 per yr; mdnt; coal $1.70.
L S 1 ✣ 25

**COULTERVILLE,** 949—Coulterville Elec. Lt. Plant. (Owned by Emile Bouas & Sons.)

*Pres. Sec. & Treas.
Emile Bouas................Coulterville
¶ Pur. Agt. Maurice Bouas.... "
Engr. Pwr. Sta. Frank Jamison "
2 a.c. Ft. W. tot. 80 kw. 2200-1100 220-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; 135 hp. e. Ideal, Bay State; 110 hp. b. Erie.
City cont. 38 incs. Tung. 60 w. $18.20 per yr; moonlt. 11 P. M; slack $1.05.
D L S 1 ✣ 73

**COWDEN,** 711—*Munic. Elec. Lt. Plant.
Pres. J. W. Hornbeck..............Cowden
Sec. J. H. Akins.................. "
Mgr. & Ch. Elecn.
Clarence McMillen............... "
Ch. Engr. Chas. H. Myers......... "
1 a.c. T-H 1000-50 v. s.ph. 133 cys; 400 a.c. incs; 70 hp. e. Chuse; 100 hp. b. Frost.
11 P. M.
L S 1 67

**CRYSTAL LAKE,** 1,931—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Local Supt. L. C. Stephens..Crystal Lake
Energy from Waukegan.
City cont. 77 Tung. 75 w. $22.50 per yr; 81 Tung. 50 w. $15 per yr. (Sells energy to Illinois Northern Utilities Co., at Belvidere, Dixon, Genoa and Hampshire.)
L ✣ 25

**CUBA,** 2,019—Central Illinois Lt. Co. For executive officers, see Peoria.
Supt. W. J. Turner..................Cuba
Energy supplied by transmission line from Farmington; 1 transf. Westg. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 70 Tungsten series 100 c. p. $21 per yr; moonlt. mdnt.
D L X 16

**DALLAS CITY,** 1,288—Dallas City Lt. Co. Office, Oak St.; cap. $60,000; no bds.
Pres. H. T. Edgar........ 147 Milk St.,
V. Prests. B. A. Pratt... Boston, Mass.
G. Higginson, Jr. "
J. L. Valentine "
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer... "
¶ Asst. Treas.
F. D. Gwynn...........Ft. Madison, Ia.
Gen. Mgrs. Stone & Webster
Mgt. Assn., 147 Milk St., Boston, Mass.
Mgr. Alfred S. Nichols..Ft. Madison, Ia.
*Supt. Henry F. Black.........Dallas City
Energy from Mississippi River Pwr. Co.; 2 transf. G. E. tot. 200 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 25 cys.
City cont. 24 incs. 6.6 amp. 350 c. p. $60 per yr; 19 incs. 6.6 amp. 60 c. p. $26 per yr; all nt. (Also lts. Pontoosuc, 6 incs. 60 c. p. $26 per yr.)
D L 1 3 ✣ 16

**DANVILLE,** 27,871—Danville St. Ry. & Lt. Co.; (Part of Ill. Trac. System); cap. auth. & issued $1,438,000; bds. outstg. $670,000, 5 p. c int.
Pres. W. B. McKinley.........Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. T. B. Macaulay.........Montreal, Can.
Treas. G. M. Mattis..............Champaign
¶Pur. Agt. H. J. Vance.............Peoria
Gen. Supt. J. E. Johnson.........Danville
Ch. Engr. Theo. Tillotson....... "
1 d. c. G. E. 300 kw. 550 v; 3 d. c. arc G. E. tot. 375 lt; 1 d c. rect. G. E. 75 lt; 3 a.c. G. E, Allis-C. tot. 3800 kw. 2300 & 6600 v. 3 ph. 25 & 60 cys; a.c. day & nt. ltg. cir. 113 v; a. c. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. mo. cir. 500 v; 7500 hp. e. Allis-C. Ham. Rus; 5800 hp. b. Stir; trans. volt. 15,000 v; also stm. htg.
City cont. 500 arcs 6.6 amp. d. c. series & 4 amp. magn. $40 (moonlt.) $60 (all nt). per yr; coal $1.40. (Co. also lts. Tilton, Westville, Georgetown, Ridgefarm, Chrisman, Sidell, Indianola and Vermilion Grove.)
C D H R S 3 16

**DECATUR,** 31,140—Decatur Ry. & Lt. Co. Office, 124 S. Water St. (Part of Illinois Trac. System.) (Pwr. plant in Decatur); cap. stk. $1,300,000; bds. outstg. $1,809,000.
Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. & Treas.
Geo. M. Mattis..............Champaign
Sec. E. A. MacNutt........Montreal, Can.
¶Pur. Agt. H. J. Vance............Peoria
Gen. Supt. M. L. Harry............Decatur
Supt. Elecl. Dept. W. C. Peplow. "
Engr. Pwr. Sta. E. P. McCune.... "
Oper. Engr. H. J. Klatz.......... "
3 a.c. G.E. Allis-C. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Allis-C. 800 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys: d. c. day & nt. mo. cir. 550 v; 5750 hp. e. Hamilton, Allis-C; 4700 hp. b. Stir, Geary; also stm. htg.
Coal $1.25.
C D H R S 1 3 ★16

Munic. Elec. Lt. Plant. Office, 305 S. Broadway St.; cost $150,000.
*Comr. Public Property,
Harry Ruthrauff..................Decatur
¶Pur. Agt. H. F. Robbins......... "
Supt. Leon H. Sullivan............ "
Engr. Pwr. Sta. J. C. Walker...... "
3 a. c. West. tot. 600 kva. 2300 v. 3 ph. 60 cys; 16 rect. tot. 800 lt. West; 720 hp. e. Ridg.
740 city arcs West. 1500 c. p; coal $1.97.
L S 3 16

**DE KALB,** 8,102—DeKalb-Sycamore Elec. Co. Pwr. stas. at De Kalb and Sycamore. (Controlled by De Kalb-Sycamore & Interurban Trac. Co., which is owned by the Union Ry., Gas & Elec. Co.); cap. $200,000; bds. $175,000, 5 p. c. int.
Pres. B. C Cobb.........New York, N.Y.
V. Pres. E. J. Bechtel... " "
¶ Treas. & Gen. Mgr.
W. C. Sparks....................Rockford
Sec. W. H. Lemons............. "
Asst. Sec. & Asst. Treas.
S. E. Wolff.............New York, N.Y.
Gen. Supt. F. Conley..............DeKalb
2 a. c. Westg. tot. 850 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; 1200 hp. e. H. O. & R; 1600 hp. b. Wickes, Stir
City cont. 145 arcs 300 w; 169 incs. 32 c. p.; all nt; coal $1.92 to $2.25. (Co. also lts. Sycamore and furnishes energy to railways.)
D L S 2 3 65†

**DELAVAN,** 1,175—Royal Lt. & Pwr. Co.
*¶ Mgr. W. H. Few..............Delavan
Ch. Engr. F. Foster.............. "
2 a. c. G. E, Ft. W. tot. 190 kw. 1100 v. s. ph. 60 & 140 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 135 hp. e. Ham, Cor; 250 hp. b. Atlas.
City cont. 2 clusters (6 60-c. p.) and 3 clusters (4 80-c. p.) $60 per yr; 85 tung. 40 c. p. $13.80 per yr; moonlt. all nt; screenings $1.45.
L S 1 ✣ ★125

**DE PUE,** 1,339—Spring Valley Utilities Co. See Spring Valley.

**DES PLAINES,** 2,348—Public Service Co. of Northern Illinois. See Chicago.

**DIVERNON,** 1,519—*Munic. Elec. Lt. Plant.
Pres. Isaac Griffiths..............Divernon
¶ Clerk, Thos. Coles............ "
Supt. C. E. Davis.............. "
Engr. Pwr. Sta. E. Schwabe.... "
1 a. c. Ft. W. 75 kw. 2300-110 v. 2 ph. 60 cys; no day cir; 120 hp. e. Erie; 130 hp. b. Erie.
2 city arcs; com. ltg. 10 cts. per kw. moonlt; coal $1.25.
L S 2 70

**DIXON,** 7,216—Illinois Northern Utilities Co. Office, 421 First St. (Leases Rock River Lt. & Pwr. Co. (Sterling); controls Sterling, Dixon & Eastern Elec. Ry. Co. and is itself a subsidiary of the Middle West Utilities Co.)
Pres. Samuel Insull..............Chicago
V. Pres. E. D. Alexander...........Dixon
Sec. & Treas. John H. Gulick....Chicago
Asst. Sec. & Asst. Treas.
R. W. Waite.................. "
Cont. Agt. Chas. B. Yonts..........Dixon
¶ Pur. Agt. H. H. Heinze.......... "
Mech. Engr. J. E. Harlow......... "
1 a. c. G.E. 300 kw. 2200 v. 3 ph. 60 cys; 1 d. c. G.E. 500 kw. 600 v; 1 rect. G.E. 50 lts; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 250 hp. e. A. & S; 400 hp. b. Bab. & W; 900 hp. wr. wh Leffel, American; energy from Public Service Co. of Northern Illinois, Crystal Lake; trans. to Amboy and Plano.
City cont. 53 arcs magn. 300 w. $70 per yr; 11 P. M: 396 Tung. 75 w. $16 per yr; all nt; coal $2.35.
(Co. serves Adeline, Amboy, Ashton, Belvidere, Capron, Chemung, Compton, Dixon, Earlville, Erie, Forreston, Franklin Grove, Fulton, Garden Prairie, Geneseo, Genoa Hampshire, Harvard, Hinckley, Kingston, Kirkland, Lee Center, Leland, Lyndon, Mendota, Morrison, Mt. Morris, Ohio, Oregon, Plano, Polo, Prophetstown, Sandwich, Shaws, Somonauk, Sterling, Sublette, Tampico, Walnut, Nachusa and West Brooklyn.) (Erecting line and will soon supply service to Poplar Grove.)
C D L S W 2 3 ✣ 16

**DOLTON,** 1,869—Munic. Street Lighting System.
Energy purchased from The Sanitary Dist. of Chicago.
L §16†

**DOWNERS GROVE,** 2,601—Munic. Elec. Lt. & Wtr. Wks.; bds. $18,000.
Pres. Bd. Ansen Backus..Downers Grove
Treas. C. Ford Daviss.... "
*Mgr. H. A. Gardiner.... "
2 a. c. W. E. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 240 hp. e. (oil) I. S. P.
220 city incs. 5.5 amp. 40 to 200 w 60 110-250 c. p. total $2400 per yr; moonlt; oil 2 cts. to 3.3 cts.
D G L 3 125

**DUNDEE,** 3,050—Public Service Co. of Northern Illinois. See Chicago.
Energy from Waukegan.
City cont. 76 tung. 50 w. $15 per yr; 66 tung. 50 w. $15 per yr; moonlt. 12 P.M.
L 25

**DU QUOIN,** 5,454—Du Quoin Utility Co.; cap. $150,000; bds. $45,000.
Pres. J. H. Ward...............Du Quoin
V. Pres. R. Linz e............ "
Sec. & Treas. Geo. Croessman. "
*¶ Gen. Supt. J. Naumer....... "
2 a.c. West. tot. 350 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 250 kw. turb (stm.) West; 800 hp. b. Atlas; also 125-ton ice plant. (York).
City cont. 50 a. c. mult. arcs 520 w. $70 per yr; 2,500 incs. $25 per yr; all nt; screening 50 to 90 cts. per ton.
D I L S 1 3 ✣ 125

***DURAND,** 527—Electric Light Plant
Owner, Walter Bliss..............Durand
1 d. c. Tri. 47 kw. 220-110 v; d. c. day (Wednesday A. M.) & nt. ltg. cir; 75 hp. e. (oil) I. H. C.
Kerosene 6 cts.
C D G L §125†

**DWIGHT,** 2,156—Public Service Co of Northern Illinois. See Chicago.
Energy supplied from Joliet and Blue Island stations; day & nt. ltg. cir.
City cont. 17 4-lt. posts Tung. 75 w. $70 per yr; all nt; 26 4-lt. posts 50 w. $46 per yr; 16 3-lt. posts 50 w. $37 per yr; midnt.
D L X ✣ 25

**EARLVILLE,** 1,059—Illinois Northern Utilities Co. See Dixon.
Energy from Mendota, trans. volt. 33 000 v; a. c. day & nt. ltg. cir.
City cont. 19 arcs series 6.6 amp. $60 per yr; 9 Tung. 60 c. p. $20 per yr; moonlt.
D L X ✣ 16

**EAST DUBUQUE,** 1,253—*Munic. Elec. Lt. Plant; cost $2,500.
Mayor, Dr. N. S. Lewis.......E. Dubuque
Engr. Pwr. Sta. R. Stewart.. "
Purchases energy from Union Elec. Co., Dubuque, Ia.
26 arcs d. c. series; moonlt. mdnt.
L X 114†

**EAST MOLINE,** 2,665—Peoples Pwr. Co. For executive officers, see Moline.
Supt. Edw. Reary..............E. Moline
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys.
City cont. 300 tungstens 80 c. p. $21 per yr; all nt.
D L 3 ✣ 16

**EAST PEORIA,** 1,500—Central Illinois Lt. Co. See Peoria.

**EAST ST. LOUIS,** 77,000—The East St. Louis and Suburban Co.. Gen. office, Wilmington, Del. Operating office, East St. Louis. (Controls through stock ownership the East St. Louis Ry. Co., East St. Louis & Suburban Ry. Co., St. Louis & East St. Louis Elec. Ry. Co., East St. Louis Lt. & Pwr. Co., Alton Granite & St. Louis Trac. Co. and Alton Gas & Elec. Co.) (Under management of E. W. Clark & Co. Management Corpn., Phila., Pa. and Columbus, O.)
Pres. C. M. Clark,
321 Chestnut St., Phila., Pa.
V. Prests. H. L. Clark " "
W. B. Kurtz " "
E. W. Clark " "
Sec. & Asst. Treas. G. L. Estabrook
321 Chestnut St., Phila., Pa.
Treas. C. A. Pearson, Jr. " "
*Asst. Sec. T. W. Gregory..East St. Louis
125

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E. St. Louis Lt. & Pwr. Co. Office, 9 Collinsville Ave. Gen. sta. at Alton. (Controlled through stock ownership by The E. St. Louis & Suburban Co. Under management of E. W. Clark & Co. Mgt. Corpn.); cap. auth. $976,500; bds. $973,000.
Pres. S. G. McMeen........Columbus, O.
V. Pres. L. C. Haynes......East St. Louis
V. Pres. (In Charge of Operation)
Harold W. Clapp.........Columbus, O.
Sec. & Treas.
G. L. Estabrook......Philadelphia, Pa.

Asst. Sec. & Asst. Treas.
T. W. Gregory.............E. St. Louis
Gen. Mgr. D. E. Parsons..... "
¶ Gen. Supt. W. C. Myers.... "
Audr. F.L. Rearden.......... "
New Bus. Mgr. J. H. Mitchell "
Supt. of Pwr. G. W. Welsh... "
Asst. Supt. of Pwr. T.H. Ness. "
Engr. Pwr. Sta. O. Michaelis.......Alton

1 a. c. G. E. 5000 kw. 6600 v. 3 ph. 25 cys; 12 rect. G. E. tot. 900 lts. 6.6 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph. 25 & 60 cys; d. c. mo. cir. 600 v; 2000 hp. b. Bab. & W; 5000 kw. stm. turb. G.E; energy also purchased from Mississippi River Pwr. Co. and E. St. Louis & Suburban Ry. Co.; 2 transf. G. E. tot. 6000 kva; 2 rot. conv. G. E. tot. 1000 kw; 1 synchronous condenser G. E. 1500 kw; 2 frequency changers G. E. tot. 1500 kw; trans. volt. 13,200-66,000 v. 3 ph. 25 cys.

City cont. 611 G.E. lumn. arcs 6.6 amp. $70 per yr. (all nt.); 94 G. E. lumn. arcs 6.6 amp. $50 per yr. (midnt.); 33 Mazdas 250 w. $3.50 per yr; all nt; coal. (Co. lts. East St. Louis and vicinity. Sells energy in bulk to Alton Gas & Elec. Co., Alton, Granite & St. Louis Trac. Co. and St. Clair County Gas & Elec. Co.)
C D N S 3 ✣ ★125

**EDINBURG**, 918 – Central Illinois Public Service Co. See Mattoon.

Energy from Kincaid 8,000 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 50 incs. 32 c. p. $19 per yr; 5 incs. 60 c. p. $26 per yr; moonlt. all nt.
D L 3 ✣ ★85

***EDWARDSVILLE**, 5.014 – Madison County Lt. & Power Co. See Granite City.

**EFFINGHAM**, 3,898—Effingham Elec. Lt. & Pwr. Co. Office, 204 West Jefferson St.; generating sta., 723 So. Mulberry St.; cap. $105,000.
Pres. & Treas. Mrs.S L. Austin, Effingham
V. Pres. Chas. E. Austin...... "
*¶ Sec. & Mgr. W. G. Austin. "
Engr. Pwr. Sta. John Koenig.. "

3 a. c. Ft. W. tot. 370 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 2 ph. 60 cys; 465 hp. e. (oil) Busch.

City cont. 61 a. c. enc. arcs 6.6 amp. $67.20 per yr; 6 series tung. 80 c. p. $30 per yr; moonlt; oil 4¼ cts. per gal.
D G L 1 2 ✣ 16

**ELBURN**, 613—Munic. Elec. Lt. Plant; cost $10,000; no bds.
*Supt. & Engr. Pwr. Sta.
A. H. Sharp.....................Elburn

1 a. c. Ft. W. 20 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110 v; 30 hp. e. (gas) Internatl.

49 city series Tung. 100 w; 11 P. M.; coal $5.25. (Will install 50 hp. Murray Cor. engine.)
G L 1 75

**ELDORADO**, 3,366—Eldorado Lt. & Pwr. Co. (Controlled and operated by the Southern Illinois Lt. & Pwr. Co.)
Local Mgr. Marshall Spivey.....Eldorado

1 a. c. G. E. 150 kw. 2300v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Bates, Cor; 300 hp. b. Atlas.

City cont. 48 A. B. arcs $66 per yr; moonlt; coal 90 cts.
D L S 3 ✣ 16

**ELGIN**, 25,976—The Aurora, Elgin & Chicago R. R. Co. (Elgin Ltg. Dept.) Office, Wheaton. Pwr. sta. at Batavia.
Pres. L. J. Wolf
1001 Hippodrome Bldg., Cleveland, O.
*V. Pres. & Gen. Mgr. E. C. Faber. Aurora
Sec. & Treas. H. C. Lang
1001 Hippodrome Bldg., Cleveland, O.
Audr. H. A. Nevans...............Aurora
¶ Pur. Agt. W. P. Harvey......... "
Elec. Engr. E. S. Gillette.......... "
Ch. Engr. Pwr. Sta. W. H. Lovett..Batavia

2 a. c. G. E. tot. 300 kw. 4400 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 1600 kw. 250 v; 2 rect. Westg. G. E; 4 arc Wood, Brush; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d. c. mo. cir. 250 v; 6000 kw. e. G. E. Cpr; 9000 hp. b. Edge; 10,000 kw. turb. (stm.) G. E. Curtis; 1600 amp. hrs. stor. bat. E. I. B. Co. 250 v.

City cont. 441 arcs; moonlt; coal $2.55. (Co. also lts. North Aurora, West Chicago and Ardmore; sells in bulk to Western United Gas & Elec. Co. at Wheaton and Genellyn.)
C D R S 3 ✣ ★16

The Elgin Merchants Light Co., 63 No. State St.; cap. $50,000.
Pres. Frank E. Johnson
343 So. Dearborn St., Chicago
Sec. D. J. Peffers, Jr...............Aurora
*Mgr. & Engr. Pwr. Sta.
E. A. Schevers.....................Elgin

2 d. c. G. E. tot. 720 kw. 125 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 60 hp. wtr. wh. Globe Iron Wks.
C L W 14

**ELMHURST**, 2,360—Public Service Co. of Northern Illinois. See Chicago.

**ELMWOOD**, 1,390—Central Illinois Lt. Co. For executive officers, see Peoria.
Supt. E. C. Wiley..................Elmwood

3 a. c. Ft. W. tot. 350 kw. 2300 v. s. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. s & 3ph. 60 cys; trans. 13,200-6600 v. s. ph; 400 hp. e. Cor; 375 hp. b. Frost. Energy supplied from Peoria & Pekin; trans. volt. 13,000 v. 3 ph. 60 cys; 3 transf. tot. 150 kva.

City cont. 62 Mazdas 80 c.p. $21 per yr; mdnt.
D L S 1 2 3 16

**EL PASO**, 1,470—Bloomington & Normal Ry. & Lt. Co. For executive officers, see Bloomington.
Local Mgr. C. D. Pollard.........El Paso

City cont. 7 enc. arcs 6.6 amp. $75 per yr; 117 series incs. 32 c. p. $17 per yr; moonlt. mdnt.
L ✣ 16

**ESSEX**, 342—*Essex Lt. Co.
¶ Mgr. Cont. Agt. & Supt.
Thos. Roe..........................Essex
Elecn Hayes Roe..................... "
Engr. Pwr. Sta. Howard Roe....... "
Collector, Wallace Roe............... "

1 d. c. W. E. 30 kw. 120 v; d. c. nt. ltg. cir. 118 v; 35 hp e. Jewel; 40 hp. b. Minpl.

City cont. 22 Tungstens 50 c. p. tot. $660 per yr; moonlt; coal $2.53.
C L S ✣ 113

**EUREKA**, 1,525—Central Illinois Lt. Co. For executive officers, see Peoria.
Supt. H. C. Hayes...................Eureka

Trans. line from Peoria; 3 transf. Westg. tot. 150 kw; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 60 cys.

City cont. 59 Tung. series 40 & 200 c. p. $21 & $50 per yr; all nt.
D L 3 ✣ 16

**EVANSTON**, 24,978—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Local Supt. W. C. Hill..........Evanston

Energy supplied from Waukegan and Commonwealth Edison stations.

3 a. c. G. E. Westg. tot. 645 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Rus, West; 1280 hp. b. Stir.

City cont. 489 arcs 310 w. $72.50 & $62.50 per yr; 9 Tung. 75 w. $38 per yr. (Supplies Barrington and Kenilworth.)

L S 3 25

***FAIRBURY,** 2,505 — Central Illinois Utilities Co. See Paxton.

3 transf. Westg. tot. 300 kw; a.c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 133 series incs. 32 & 80 c. p. $— per yr; moonlt.

D L 3 ✣ ★85

**FAIRFIELD,** 2,479 — Munic. Electric Lt. Plant; cost $20,000.

Pres. Bd. A. J. Poorman.........Fairfield
*Sec. E. E. Robison.............. "
Treas. Wm. Attberrey.......... "
¶Mgr. Sayle Smith.............. "
Ch. Engr. J. V. Smith......... "

2 a. c. West. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 330 hp. e. L. & B, Ball; 310 hp. b. Brul, H. S. & G.

65 city Mazdas 250 c. p; moonlt; coal 90 cts.

L S 3 ★16

**FARMER CITY,** 1,603—Munic. Elec. Lt. & Pwr. Plant; cost $10,000.

Mayor, John W. Kendall....Farmer City
Treas. J. F. Housman ....... "
¶Pur. Agt. F. H. Reed....... "
*Supt.& Ch.Elecn. J.D.French "
Engr. Pwr. Sta. E.C.Conover "

2 a. c. G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 205 hp. e. Chuse, Ide; 200 hp. b. Kewanee.

City cont. 189 incs. 100 c. p. $24 per yr; all nt; coal $2.25.

D L S 3 ✣ 25

**FARMERSVILLE,** 533—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. M. F. McLean...Farmersville

Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 18 incs. 100 c. p. $43 per yr; all nt.

D L 3 ✣ 85

**FARMINGTON,** 2,421—Central Illinois Lt. Co. For executive officers, see Peoria.

Supt. H. E. Worden..........Farmington

Trans. line from Peoria; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 80 series Tung. 50 w. $15 per yr; moonlt. mdnt. (Trans. to Cuba.)

D L 1 3 ✣ 16

**FINDLAY,** 827—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. H. M. Blair..........Findlay

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 19 arcs A-B. 2.5 amp. $60 per yr; 16 incs. 16 c. p. $6.40 per yr; moonlt. mdnt.

D L 1 ✣ ★85

**FISHER,** 850—Munic. Elec. Lt. Plant; cost $6,200.

Pres. Vil. Jas. Ballew..............Fisher
Sec. Homer Bailey................. "
Treas. Fred Goldsmith............. "
Mgr. Town Board.................... "
*¶ Engr. in charge A. L. Baker. ... "

1 d. c. Westg. 75 kw. 250 v; d. c. nt. ltg. cir. 220 v; 100 hp. e. Allis-C; 120 hp. b. R. Gordon.

City cont. 1000 carbon & Mazdas 8 to 100 w. 12 cts. per kw; 12 P. M. & 5 A. M. to daylt; coal $1,000 per yr.

C L S ★125

**FLORA,** 2,704—*Munic. Elec. Lt. Plant; cost $22,000.

¶ Mgr. & Engr. Pwr. Sta.
C. N. Knight.........................Flora

4 d. c. G. E. tot. 160 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 110-220 v; 250 hp. e. Ide; 350 hp. b. O'Br. Murray, Spfd.

55 city arcs 1200 c. p; 1000 incs. 16 c. p. 10 cts. per kw; moonlt; coal $1.40.

C D L S ✣ 23

**FLOSSMOOR,** 1,390 — Public Service Co. of Northern Illinois. See Blue Island.

**FOREST PARK,** 10,000—Munic. Pumping & Street Lighting System. Office Municipal Bldg.

Mayor, Henry J. Mohr, 447 Marengo Ave.
*Clerk, Jos. T. Carney, 7302 Madison St.
Treas. Thomas Cerny, 7219 Jackson Blvd.
Ch. Engr. Pwr, Sta.
G. M. Johnson, 632 Beloit Ave.

Energy purchased from The Sanitary District of Chicago $2.20 per hp. per mo. for power and $1.25 per hp. per mo. for lighting.

42 city arcs Helios 7.5 amp; 148 nitro. lamps "C" 400 c. p. 7.5 amp; 68 orna. posts 5-lt. 60 w; 12 hrs. (Remodelling arcs with Kulman compensator coil wound for 15 or 20 amp. type "C" lamps.)

L ★26

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Public Service Co. of Northern Illinois. See Chicago.

**FT. SHERIDAN,** 1,575—Public Service Co. of Northern Illinois. See Waukegan.

**FREEBURG,** 1,397—Munic. Elec. Lt. Plant.

Pres. Wm. Reinheimer...........Freeburg
Treas. A. Kraus................. "
*Mgr. Geo. Damstetter .......... "
Gen. Supt. Oliver Hankammer.. "

2 d. c. tot. 50 kw. 125 v; d.c. nt. ltg. cir. 110 v; 150 hp. e. Russell; 150 hp. b. Atlas.

City cont. 23 arcs A.B; 50 incs; moonlt; coal $1.04.

C L S ✣ 125

**FREEPORT,** 17,567—Freeport Ry.& Lt. Co., 93 Stephenson St. (A subsidiary of Middle West Utilities Co.); cap. $1,000,000; bds. $600,000.

Pres. A. J. Goddard..............Freeport
V. Pres. E. D. Alexander..........Dixon
Sec. & Treas. L. E. Jacobson...... "
Cont. Agt. C. B. Yonts............. "
¶Pur. Agt. H. H. Heinze.......... "
*Supt. F. E. Kruesi ..............Freeport
Engr. Pwr. Sta. H. Wolf........ "

4 a. c. Westg, G. E. tot. 1550 kw. 2200-110 v. 2 ph. 60 cys; 2 d. c. Westg. tot. 500 kw. 550 v; a. c. day & nt. ltg. cir, 108 v. 60 cys; a. c. day & nt mo, cir. 220-110 v. 2 ph. 60. cys; trans. 33,000 v. 3 ph. 60 cys; 1000 hp. e. Vilter, Fulton; 750 kw. stm. turb. Allis C; 1000 hp. turb. (wtr.) Leffel; 1450 hp. b. Bab. & W.

City cont. 150 a. c. series arcs 6.6 amp. $70 per yr; 280 a. c. series Tung. 6.6 amp. $13 per yr; all nt; screenings $2.10.

C D R S W 2 3 ✣ 125

**FULTON,** 2,174 — Illinois Northern Utilities Co. See Dixon.

Energy from Clinton (Iowa) Gas & Elec. Co; day & nt. ltg. cir.

City cont. 83 incs. 75 w. $30 per yr; 3 4-lt. clusters 75 w. $70 per yr; all nt.

D L X ✣ ★16

**GALENA,** 4,835—Interstate Lt. & Pwr. Co. Main office, Galena. (Controlled by Consumers Power Co. and operated by H. M. Byllesby & Co.)
Pres. F. C. Gordon..............Chicago
V. Pres. Otto E. Osthoff.......... “
Sec. R. J. Graf..................... “
Treas. H. R. Frost....Minneapolis, Minn.
¶Mgr. F. H. Rickeman.............Galena
Supt. Trans. & Const. J. B. Cristy “
Ch. Engr. Pwr. Sta. A. C. Ogilby.. “

2 a. c. G. E. tot. 4750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 3000 hp. e. Allis-C; 2430 hp. b. Edgemore; 2000 kw stm. turb. G. E.

City cont. 96 G. E. arcs 6.6 amp. $65 per yr; moonlt. Phila.; coal $2. (Co. operates local systems in Galena, Ill., Platteville and Shullsburg, Wis., and sells in bulk to Cuba City, Benton, Hazel Green, Lancaster and Darlington, Wis., and supplies energy to mines and factories; 77 miles trans. lines, 33,000 v; 50 miles at 4000 v.)

D N S 3 ✣ 25

**GALESBURG,** 22,089—Galesburg Ry., Ltg. & Pwr. Co. Office, 7 Main St. (Gen. stas. at Galesburg, Abingdon and Knoxville) (Taken over property of Galesburg Ry. & Lt. Co., Abingdon Lt. & Pwr. Co. and Knoxville Elec. Lt. & Pwr. Co.) (Part of Illinois Trac. System); cap. $3,500,000.
Pres. W. B. McKinley........Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. G. F. Duncan.....Portland, Me.
Sec. T. B. Macaulay.......Montreal, Can.
Treas. E. Woodman........Portland, Me.
Act. Gen. Mgr. Foster Hannaford Galesburg
¶ Pur. Agt. H. J. Vance.............Peoria
Engr. Pwr. Sta. J. M. Pawling. Galesburg

3 a. c. Bull, Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Bull. tot. 650 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v; 2000 hp. e. Allis-C, Ham; 2208 hp. b. Stir; 15 kw. turb. (stm.) G. E; also stm. htg.

Screenings $1. (Co. serves Galesburg, E. Galesburg, Abingdon, St. Augustine, Prairie City and Knoxville.)

C D H R S 3 35

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Munic. Elec. Lt. Plant; cost $50,000; bds. $10,000.
*Supt. John Walsh.............Galesburg
¶Pur. Agt. B. J. Huff........... “
Engr. Pwr. Sta. George Mesplay “

1 a. c. Wood 200 kva. 2300 v. 3 ph. 60 cys; 3 arc G.E. tot. 300 lts; 2 rect. tot. 50 lts; a. c. day & nt. ltg. cir. 110 v; 450 hp. e. Allis-C. Cor, Lentz; 900 hp. b. Erie, Frost.

395 city arcs magn. carbon $45 per yr; 100 incs. 40-60 w; moonlt; 100 5-lt. ornamental posts; coal $1.90. (Contemplates installing 600 kva. 2300 v. 60 cys. direct connected unit and replacing arcs with gas-filled lamps.)

D L S 3 ★125

**GALVA,** 2,500—Galva Elec. Lt. Co. Office, 300 Front St. (Purchased Cambridge Elec. Lt. & Pwr. Co., Oneida Lt. & Pwr. Co., Altona Elec. Lt. Plant, Victoria Electric Lt. Plant, La Fayette Elec. Lt. Plant and Wataga Elec. Lt. Plant); paid cap. $150,000.
Pres. E. L. Brown...............Elmwood
*V. Pres. & Mgr. E. O. Brown......Galva
Sec. & Treas. H. C. Pollitz......... “

2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; trans. 8000 v. 3 ph. 60 cys; 600 hp. e. Ham, Mur; 500 hp. b. Geary; exhaust steam sold.

Coal $1.37. (Also lts. Cambridge, Ulah, Bishop Hill, La Fayette, Victoria, Altona, Oneida and Wataga.)

D H L S 1 3 ✣ 16

**GAYS,** 322—Central Illinois Public Service Co. See Mattoon.

Energy from Mattoon; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 11 Tungs. 32 c. p. $22 per yr; all nt.

D L 3 85

**GENESEO,** 3,199—Illinois Northern Utilities Co. For executive officers, see Dixon.
Supt. W. E. Ambrose..............Geneseo
Engr. Pwr. Sta. J. E. Bengston.. “

2 d. c. G. E, Northn. tot. 140 kw. 225-250 v; d. c. day & nt. ltg. & mo. cir. 220-110 v; 175 hp. e. Fitch, Ideal; 150 hp. b. Kew.

City cont. 192 incs. 75 w. $19.50 per yr; moonlt; coal $2.65.

C D L S ✣ 16

**GENEVA,** 2,451—Munic. Elec. Lt. & Wtr. Wks.; cost $60,000.
¶Supt. & Ch. Engr. Olof Peterson. DeKalb
Engr. Pwr. Sta. Oscar Swanson...Geneva

2 a. c. Ft. W., W. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; 1 arc Ft. W. 50-lt. 6.6 amp; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 700 hp. e. Erie City, Skinr; 15 hp. stm. turb. Buffalo Forge; 450 hp. b. Erie City, Mohr.

20 city arcs Magn. 6.6 amp. & 75 nitrogen incs. 400 w. all nt; coal $1.46.

D L S 3 ★125

**GENOA,** 1,257—Illinois Northern Utilities Co. See Dixon.

Energy from Belvidere and Public Service Co. of Northern Illinois, Crystal Lake; trans. volt. 33,000 v.

City cont. 39 arcs 500 w; moonlt. mdnt; 60 Tungs. 60 w. all nt.

L ✣ 16

**GEORGETOWN,** 2,307—Danville St. Ry. & Lt. Co. See Danville.

***GIBSON CITY,** 2,086—Central Illinois Utilities Co. See Paxton.

**GILLESPIE,** 2,241—Southern Illinois Lt. & Pwr. Co. For executive officers, see Hillsboro.
Local Mgr. C. P. Hamlin.........Gillespie
Engr. Pwr. Sta. A. S. Bridges... “

2 a. c. Ft. W. tot. 305 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 300 hp. e. Erie, Ideal; 300 hp. b. Erie, Heine.

City cont. 23 arcs 2000 c.p. (19 at $75 per yr. and 4 at $69.96 per yr.); 31 incs. mult. 40 w. $15 per yr; 95 incs. series 75 w. $24 per yr; moonlt; coal $1.25. (Also lts Benld.)

D L S 1 ✣ 16

**GILMAN,** 1,305—Central Illinois Utilities Co. See Paxton.

**GIRARD,** 1,891—Central Illinois Public Service Co. See Mattoon.

Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 25 arcs 6.6 amp; moonlt.

D L 3 ✣ 85

**GLEN CARBON,** 1,220—Madison County Lt. & Pwr. Co. See Granite City.

**GLENCOE,** 1,899—Public Service Co. of Northern Illinois. See Waukegan.

**GLENELLYN,** 1,763—Western United Gas & Elec. Co. See Aurora.

Energy purchased from The Aurora, Elgin & Chicago R. R. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 120 series incs. 32 c.p; moonlt. 1 A. M.

D L 3 ✢ 125

**GOLCONDA,** 1,088 – Golconda Lt. & Wtr. Co.; cap. outstg. $12,000.

Pres. J. O. Williamson..........Golconda
V. Pres. Mrs. Lucy Gilbert...... "
*¶ Sec. Mgr. & Cont. Agt.
R. H. Williamson............. "
Treas. M. C. Clanahan.......... "
Engr. Pwr. Sta. Wm. Gullett... "

2 a.c. Ft. W, Westg. tot. 150 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day (May to Nov.) & nt. ltg. cir. 110 v. a. c. day (May to Nov.) & nt. mo. cir. 110 v. s. ph. 60 cys; 225 hp. e. Bates, Ideal; 100 hp. b. O'Brien.

City cont. 15 arcs W. E. 1200 c. p. $60 per yr; 25 Mazdas series 80 c. p. $21 per yr; moonlt. mdnt; coal $1.55.

D L S 1 3 ✢ 16

**GRAND RIDGE,** 403—Public Service Co. of Northern Illinois. For officers, see Chicago.

Energy supplied from Blue Island, Joliet and Streator; transmn. volt. 33,000 v. 3 ph. 60 cys.

City cont. 40 Tung. 60 w. $15 per yr; midnt.

L 3 ✢ 25

**GRANITE CITY,** 9,903 — Madison County Lt. & Pwr. Co. Part of the Illinois Trac. System. Plants located at Carlinville, Edwardsville and Venice; cap. $100,000; bds. $377,000.

Pres. Wm. B. McKinley......Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. Chas. Zilly..........Champaign
Sec. E. A. MacNutt........Montreal, Can.
Treas. Geo. M. Mattis........Champaign
¶ Pur. Agt. H. J. Vance.............Peoria
Gen. Supt. E. D. Bell.......Granite City
Ch. Elecn. Edwin Littlefield.Edwardsville

Pwr. sta. equip. (Edwardsville and Venice) 3 a. c. G. E. Bull. tot. 775 kw. 2300-400 v. s. & 3 ph. 60 cys; 2 rect. G. E. 100 lt; a. c. day & nt. ltg. cir; a. c. mo. cir. 2300 v; 800 hp. e. St L, Atlas, Cor; 850 hp. b. O'B.

City cont. 400 arcs 2000 c. p. $75 per yr; all nt; coal $1.20. (Co. also lts. Carlinville, Venice, Madison, Edwardsville, Worden, Glen Carbon and National City.)

D L S 1 3 ★16

**GRANVILLE,** 1,391—Elec. Lt. Plant.

*¶ Owner & Mgr.
Sidney Whitaker ..............Granville
Sec. & Treas. Jessie Anderson.. "
Ch. Engr. Pwr. Sta. John Jegglie "

2 a.c. Warren, G E tot. 135 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-400 v 3 ph. 60 cys: 210 hp e. Chuse; 160 hp. b. Kew.

City cont. 81 incs. 40 c. p. $20 for first 50 incs. and $15 for balance; moonlt; coal $2.65; oil 19.3, 20.3 & 31.8 cts. per gal. (Also lts. Mark and Standard.)

D L S 3 ✢ 125

**GRAYSLAKE,** 603—Public Service Co. of Northern Illinois. See Chicago.

Energy from Waukegan.

City cont. 4 arcs 7.5 amp. $60 per yr; 42 incs. 32 c. p. $15 per yr; moonlt. 1 A. M.

L ✢ 25

**GRAYVILLE,** 1,940 — Munic. Wtr. & Lt. Plant; P. O. box 265; cost $30,000.

Bd. { Chmn. Harry Wheatcroft..Grayville
Bd. { Ed. F. Johnson............ "
Bd. { John Lindsay.............. "
*Ch. Engr. & Supt.
Edward Hansman............ "
Engineers { James Wells....... "
Engineers { Walter Smith..... "

1 a.c. Westg. 100 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys, 130 hp e. Bckye; 100 hp. b. Walton.

5 city arcs West. 2000 c. p; 70 series Tung. 125 c. p; all nt & hrs; coal $1.49.

D L S 2 3 ✢ 74

**GREENFIELD,** 1,161—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. Lyall Bishop......Greenfield

8 transf. tot. 95 kw. Wagner, Westg. 2200-110 v. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v. s. ph. 60 cys.

City cont. 14 arcs 6.6 amp. $66 per yr; 23 tung. 60 c. p. $15 per yr. moonlt.

D L 1 ✢ 85

**GREENUP,** 1,400 — Munic. Elec. Lt. Plant; bds. $11,000.

Pres. Bd. E. M. Kahler..........Greenup
Sec. E. G. Button................ "
Treas. J. P. Ewart, Jr............ "
*¶ Mgr. & Engr. Pwr. Sta.
Wm. Foyleman ............... "

1 a. c. Allis-C 75 kw. 2300 v 3 ph. 60 cys; a.c nt. ltg. cir. 110 v; 125 hp. e. Chuse; 100 hp. b. Houston.

54 city a. c. type "C" lamps 6.6 amp. $20 per yr. and 26 5-lt. Cutter posts and 26 3-lt. Cutter posts; moonlt; coal $1.80.

L S 3 ✢ ★125

**GREENVILLE,** 3,178—Southern Illinois Lt. & Pwr. Co. For executive officers, see Hillsboro.

Supt. & Engr. Pwr. Sta.
Alfred Gillespey..............Greenville

Reserve:—2 a.c. Ft. W. tot. 230 kw. 2300 v. s. ph. 60 cys; a.c day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 250 hp. e. Chuse, Mur, Cor; 200 hp. b. O'Br, Michl; energy from Hillsboro; trans. volt. 33,000 v. 3 ph.

City cont. 4 arcs 6.6 amp. $64 per yr; 134 Tung. 60 c.p. $24 per yr; moonlt; coal $1.15.

D L S 1 3 ✢ 16

**GRIDLEY,** 750—Bloomington & Normal Ry. & Lt. Co. See Bloomington.

Local Mgr. Walter Steward......Gridley

City cont. 17 arcs 6 amp. $62.50 per yr; moonlt.

L ✢ 16

**GRIGGSVILLE,** 1,262—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. O. L. Vanatta... Griggsville

Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 62 tung. 40 c. p. $15 per yr; moonlt. mdnt.

D L 3 ✢ ★85

**GROSS POINT,** 1,008—Public Service Co. of Northern Illinois. See Chicago.

**HAMILTON,** 1,627—Keokuk Elec. Co. See Keokuk, Ia.

¶ Local Mgr. J. A. Gordon....Hamilton

City cont. 21 arcs 2000 c. p. $60 per yr. 1000 com. incs. (24-hr. service) 16 c. p. 15 cts. per kw; all nt.

D L ✢ 25

**HAMPSHIRE,** 697—Illinois Northern Utilities Co. See Dixon.

Energy from Belvidere and Public Service Co. of Northern Illinois, Crystal Lake.

City cont. 4 arcs 700 w. $— per yr; 70 incs. 40 w. $15 per yr; moonlt.

L 16

**HARRISBURG,** 5,309 – Central Illinois Public Service Co. For executive officers, see Mattoon.

Dist. Supt. L. F. Payne.......Harrisburg

2 a. c. West. tot. 250 kva. 2200 v. s. & 3 ph. 60 cys; a. c. regulator Ft. Wayne 30 kw; a. c. day & nt. ltg. cir. 109 v. 60 cys; a. c. mo. cir. 220-110 v. s. ph. 60 cys; 400 hp. e. Whlk, Ideal; 375 hp. b. Brnl. Atlas; also 10-ton ice plant (York).

City cont. 33 arcs 6.6 amp. $66 per yr; 80 incs. 32 c.p. $19 per yr; all nt; coal $1.09. (Trans. to Carterville, Herrin, Johnston City, Marion and W. Frankfort.)

D I L S 1 3 ✢ 85

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Southern Illinois Ry. & Pwr. Co. General office, Room 792, 208 So. La Salle St., Chicago; pwr. sta. Muddy; cap. $1,525,000; bds. $700,000.

Pres. John I. Beggs........St. Louis, Mo.
V. Prests. { C. J. Davidson.......Chicago
W. G. Souders....... "
Sec. & Treas. A. F. Lindley...... "
Audr. A. L. McAllaster.......Harrisburg
*¶Gen. Supt. C. F. Richardson "
Engr. Pwr. Sta. E. H. Clark.. "

2 a. c. G. E. tot. 2250 kva. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 750 kva. 1200 v; 2 mo. gen. set G. E. tot. 750 kva; trans. volt. 33,000 v. 3 ph. 60 cys; 1600 hp. b. Wickes; 2500 hp. stm. turb. G. E.

Coal $.85-$1.20. (Co. operates a ry. and sells energy in bulk.)

C R S 3 25

**HARVARD,** 3,008—Illinois Northern Utilities Co. See Dixon.

Energy from Belvidere and Public Service Co. of Northern Illinois; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 157 Tung. series 75 w; moonlt. 1 A. M.

D L 1 3 ✢ ★16

**HARVEY,** 7,227—Public Service Co. of Northern Illinois. See Blue Island.

**HAVANA,** 3,525—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. R. A. McMahon......Havana
Engr. Pwr. Sta. Martin Kent...... "

2 a. c. G. E. West. tot. 230 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Ideal, Erie; 450 hp. b.

City cont. 70 arcs G. E. enc. 6.6 amp. $66 per yr; all nt. moonlt; coal $1.50.

D L S 3 ✢ 85

**HENRY,** 1,687—Public Service Co. of Northern Illinois. For officers, see Chicago.

Energy supplied from Streator & Joliet.

City cont. 46 arcs magn. 310 w. $65 per yr; 3 tungstens 50 w. $25 per yr.

L 25

**HERRIN,** 6,861—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. James Maxton....... Herrin

Energy from Harrisburg and Christopher, 33,000 v. 3 ph. 60 cys; 3 transf. Pitts. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 107 arcs enc. 1200 c. p. 6.6 amp. $70 per yr; all nt: coal $1.04.

D L 1 3 ✢ ★26

**HEYWORTH,** 681—Heyworth Electric Lt. & Pwr. Co.; cap. $2,500: no bds.

Pres. & Treas. G. W. Powell..Heyworth
Mgr. & Ch. Engr. Chas. J. Crump "

Buys energy; trans. 2300 v. 3 ph. 25 cys; transf. Westg. tot. 75 kw; a. c. day & nt. tg. cir. 110 v.; a. c. day & nt. mo. cir. 300-110 v. s. & 3 ph. 25 cys.

City cont. 51 Mazdas. 50 w. $12 per yr; noonlt. mdnt.

D L 1 3 ✢ 23

**HIGHLAND,** 2,675—*Munic. Elec. Lt. & Pwr. Plant; cap. $35,000.

Vil. Pres. Eugene Schott........Highland
Mgr. & Ch. Engr. Pwr. Sta.
Kuno Strief.................. "

2 a. c. G. E. tot. 300 kw. 1100 v. 2 ph. 60 cys; 1 arc G. E. 30 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys; 300 hp. e. Chuse; 400 hp. b. Brnl.

City cont. 20 G. E. arcs 6.6 amp. $75 per yr; 100 incs. Tung. 60 w. $20 per yr; coal $1.05.

D L S 2 113

**HIGHLAND PARK,** 4,209 — Public Service Co. of Northern Illinois. See Waukegan.

**HIGHWOOD,** 1,219—Public Service Co. of Northern Illinois. See Waukegan.

**HILLSBORO,** 6,000—Southern Illinois Lt. & Pwr. Co. (Generating stations at Hillsboro, Gillespie, Greenville, Morrisonville, Collinsville and O'Fallon.) (Controls & operates the Eldorado Lt. & Pwr. Co.); cap. outstg. $1,015,700; bds. $723,100.

*Pres. & Mgr. J. J. Frey........Hillsboro
V. Prests. { W. A. White....... "
Treas. C.A. Ramsey "
¶Sec. Mary McCord............. "
Audr. A. G. Miller............. "
Local Mgr. A. T. Early.......... "
Supt. W. F. Corl............... "
Engr. Pwr. Sta. Jesse Best..... "

3 a. c. G. E tot. 1750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 350 hp. e. Chuse; — hp. b. Bab. & W; 1500 kw. stm. turb. G. E; also stm. htg. and ice plant; trans. from this sta. to Greenville.

City cont. 67 arcs 6.6 amp. $65 per yr; 230 series Tung. $24 per yr; moonlt; coal 90 cts. (Company serves Hillsboro, Taylor Spgs., Schram City, Raymond, Harvel, Maryville, Palmer, Morrisonville, O'Fallon, Benld, Gillespie, Greenville, Coffeen, Witt, Butler, Panama, Donnellson, Collinsville, Caseyville, Fillmore, Eldorado and Irving.)

D H I L S 3 ✢ ★16

**HILLVIEW,** 309—Hillview Elec. Lt. Plant.

*Owner A. A. Stein.............Hillview

1 d c. Ft. W. 10 kw. 110 v; 160 amp. hr. stor. bat. 116 v. Natl; d. c. day & nt. ltg. cir; 20 hp. gas e. I.H.C.

City cont. 6 Tung. $25 per yr; moonlt; kerosene 6 cts.

C D G 75

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Central Illinois Public Service Co. See Mattoon.

**HINCKLEY,** 661—Electric Light Plant.

*Owner, J. Clark & Sons.......Hinckley

1 d. c. C. C. 50 kw. 220 v; no day cir; 80 hp. e. Chicago; ——— hp. b. Erie.

City cont. 1 arc 2000 c. p. $60 per yr; 21 incs. 32 c. p. $18 per yr; mdnt; coal $3.

C L S ✢ 15†

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Illinois Northern Utilities Co. See Dixon.

**HINSDALE,** 2,451—Munic. Elec. Lt. Plant; cost $125,000.

Pres. Bd. E. F. Hasbrook.........Hinsdale
Sec. Geo. H. Williams............. "
Treas. W. W. Waite............... "
*¶ Supt. & Ch. Engr.
H. H. Bristol..................... "
Engrs. Pwr. Sta. { Wm. Herman........ "
H. Menoid............ "
Frank Powers....... "

3 a. c. Westg. tot. 500 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 525 hp. e. Erie City, B. & W, Ames; 400 hp. b. A & T.

300 city Nitrogen incs. $10 per yr.; all nt.; coal $1.85. (Also lts. Fullersberg and Clarendon Hills.)

D L S 1 3 ★125

**HOMER**, 1,086—Homer Elec. Lt. & Pwr. Co.
*¶Owner & Mgr. U. S. Thompson. Homer
Engr. Pwr. Sta. O. S. Yeager...... “

2 a. c. Westg. tot. 125 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. s. ph. 60 cys; trans. 6600 v. s. ph. 60 cys; 250 hp. e; 325 hp. b.

City cont. 28 arcs 250 w. $60 per yr; moonlt. 11.30 P.M; coal $1.65. (Also lts. Sidney.)

D L S 1 3 ✠ 125

**HOOPESTON**, 6,600—Hoopeston Gas & Electric Co.; bds. $200,000.
Pres. C. A. Loomis.....Kansas City, Mo.
Sec. & Treas.
S. J. Mattocks....... “ “
*Mgr. H. D. Hayden ...........Hoopeston
Supt. Edw. Clam.............. “
Engr. Pwr. Sta.
Wm. Dunwoodie............ “

2 a. c. turbo-gen. West. tot. 375 kva. 2400 v. 3 ph. 60 cys; 1 d. c. Westg. 56½ kw. 600 v; 1 arc G. E. 25 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 500 v.

City cont. 25 arcs magn. 4 amp. $71 per yr; 150 incs. series 40 c. p. $18 per yr; moonlt. all nt; screenings $1.62. (Sells energy to Rossville Elec. Lt. Co.)

C D L S 3 ✠ ★125

**HULL**, 216—Hull Milling, Lt. & Canning Co.; cap. $10,000.
Pres. W. H. Lease......................Hull
V. Pres. Geo. W. Lay.................. “
*¶Treas. A. L. Maple.................. “
Audr. Lewis Weir.................... “

Purchases energy from Central Illinois Public Service Co; a. c. day & nt. ltg. cir. 110 v. 133 cys.

City cont. 32 arcs $13.20 per yr. moonlt.

D L X ★125

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Central Illinois Public Service Co. See Mattoon.

Supplies energy to Barry, Bluffs, Carrollton. Griggsville, Jerseyville, Meredosia, Pttsfield and Roodhouse.

L 85

**ILLIOPOLIS**, 849 — Central Illinois Elec. Co. For executive officers, see Buffalo.
Local Supt. A. Havenor.........Illiopolis

a. c. day & nt. ltg. cir. 115 v. 25 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 32 incs. 40 c. p. $21 per yr; moonlt.

D L 3 ✠ ★95

**IPAVA**, 652—Central Illinois Public Service Co. See Mattoon.

Energy from Beardstown and Macomb; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 46 Mazdas 40 c. p. $18 per yr; moonlt.

D L 3 ✠ ★85

**JACKSONVILLE**, 15,236—Jacksonville Ry. & Lt. Co., 224 So. Main St. (Including Jacksonville Gas & Elec. Co and Jacksonville St. Ry. Co.) Part of Illinois Trac. System; cap. auth. $500,000.
Pres. Wm. B. McKinley......Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. MacNutt.......Montreal, Can.
Treas. Geo. M. Mattis........Champaign
Audr. P. E. Newell...........Jacksonville
Cont. Agt. Donald McClaren “
¶ Pur. Agt. H. J. Vance............Peoria
Gen. Supt. W. B. Miser......Jacksonville
Ch. Engr. Chas. Buys........ “
Optg. Engr. F. H. Bates..... “

3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E., West. tot. 550 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v; 1615 hp. e. McI. & S, St. L, Cor, Ball; 1400 hp. b. Bab. & W. Stir; ice plant.

Screenings $1.49. (Lts. Jacksonville & So. Jacksonville.)

C D I R S 1 3 ✠ ★16

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Munic. Elec. Lt. Plant.
Mayor, H. J. Rodgers.......Jacksonville
Comrs. Joshua Vasconcellos “
Comrs. ¶Wm. Widmayer. “
Comrs. J. Edgar Martin.. “
Comrs. Jerry Cox........ “
*Gen. Supt. G. F. Stoldt.... “
Ch. Engr. J. R. Ricks....... “
Engr. Pwr. Sta.
Laurence Quinlan........ “

2 a. c. Ft. W, F. M. & Co. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir.

1000 city incs. Mazda & Nitrogen; slack and pea coal.

D L S 3 ✠ §105

**JERSEYVILLE**, 4,113—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. W. G. Printy.....Jerseyville
Engr. Pwr. Sta. H. Nestler ... “

1 a. c. West. 175 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys; 400 hp. e. Ide, Bckye; 425 hp. b. Spgf, O'Br, Roham; also stm. htg; also receives energy from Beardstown and Hull.

City cont. 210 incs. series 40 c. p. $20 per yr; all nt; coal.

D H L S 1 2 ✠ ★85

**JOHNSTON CITY**—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. John Jones....Johnston City

Energy from Harrisburg and Christopher; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 32 arcs W. E. magnetite 550 w. $78 per yr; 18 J. C. magnetite arcs 450 w. moonlt. all nt.

D L 1 ✠ ★85

**JOLIET**, 34,670—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Local Supt. J. M. Strasser...........Joliet

Tot. cap. of a.c. gen. 4850 kw. (stm. 1250 kw.—hydro. 3600 kw.) 2300-110 v. 3 ph. 60 cys; 1 d. c. 150 kw. 500 v; 1 arc T-H. 900 lts; d.c. day cir. 500 v; a.c. day & nt. cir. 2300-220-110 v; mo. cir. 2300-500 v; 1250 hp. stm. turb. G. E; 4500 hp. turb. (wtr.) Leffell; 1400 hp. b. Bab. & W; also receives energy from Blue Island.

City cont. 456 arcs 310 w. $62.50 & $72.50 per yr; 9 8-lt. posts Tung. 60 w. $62.50 per yr; all nt; coal $1.50 to $2. (Co. furnishes energy for lt. & pwr. in Joliet, Morris, Braceville, Braidwood, Grand Ridge, Mokena, Torino, Gardner, Dwight, Odell, Coal City, Mazon, Verona, Kinsman, Ransom, Yorkville, Garfield, Rutland, Minonk, Toluca, Pontiac, La Rose, Lacon, Sparland, Henry, Chillicothe, Tonica, Streator, Seneca, South Wilmington, Wilmington, Elwood, New Lenox, Frankfort, Lemont and Lostant.) (Will erect steam plant near Brandon's Bridge, southwest of Joliet.)

C D L S W 3 ✠ 16w

**JONESBORO,** 1,169—Central Illinois Public Service Co. See Mattoon.

**JOY,** 900—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. Wentworth V. Holmes...Joy
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 8 ph. 60 cys.
City cont. 27 tung. 60 c. p. $19 per yr; midnt.
D L I 3 ✢ 125

**KANKAKEE,** 13,986—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Supt. B. G. Smith..............Kankakee
Tot. cap. of a.c. gen. 1690 kw. (stm. 740 kw.—hydro 950 kw.) 2300 v. 3 ph. 60 cys; 4 transf. Westg. 175 lt; a. c. day cir. 2300 v; 350 hp.e. Bckye; 500 kw. stm. turb. Westg; 800 hp. turb. (wtr.) Smith; 750 hp. b. Frost; also energy from Blue Island.
City cont. 173 arcs 480 w. $70 per yr; all nt; coal $2.05. (Co. also lts. Bradley Bourbonnais and Manteno.)
D L S W 3 ✢ 25

**KANSAS,** 945—Central Illinois Public Service Co. See Mattoon.
Energy from Oakland and Mattoon; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
City cont. 32 incs. series 6.6 amp; all nt.
D L 1 ✢ ★85

**KEITHSBURG,** 1,515—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. Geo. R. Martin...Keithsburg
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys.
City cont. 5 arcs 5.5 amp. $60 per yr; 99 Tung. series 40 w. $15 per yr; moonlt. mdnt.
D L 1 3 ✢ 125

**KENILWORTH,** 881—Public Service Co. of Northern Illinois. For officers, see Chicago.
Energy from Evanston; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.
D L 1 ✢ 25

**KEWANEE,** 9,307—Consolidated Lt. & Pwr. Co. (Consolidation of Kewanee Lt. & Pwr. Co., Ltg., & Htg. Co. of Kewanee, Galva Gas Lt. & Coke Co. and Sheffield Elec. Lt. Co.) Controlled by The American Gas Co.); cap. outstdg. $325,000; bds. outstdg. $450,000.
Pres. S. P. Curtis......
V.Pres. M. W. Stroud..
Sec. W. L. Fox.........
Treas.J.B.Townsend,3d
} W. Washington Square, Phila, Pa.
Mgr. Elmer W. Smith............Kewanee
Audr. A. P. Post.... } W. Washington Sq., Phila., Pa.
¶ Cont. Agt. F.D. Wharton. "
2 a. c. West. G. E. tot. 950 kva. 2300 v. 3 ph. 60 cys; 5 d. c. G. E. tot. 270 kw. 250 v; a. c. & d. c. day & nt. ltg. cir. 110v; a.c. & d.c. day & nt. mo. cir. 220 v;—hp. e. Ham. Cor. Russell; 500 hp stm. turb. West; 1725 hp. b. Bab. & W; also ice plant & stm. htg.
City cont. 140 arcs 450 w; 395 incs. 50 w; moonlt; coal and coke. (Co. also lts. Weathersfield and Sheffield.)
C D H I L S 3 ✢ 124

**KINCAID**—Central Illinois Public Service Co. See Mattoon.
Supplies energy to Assumption, Auburn, Blue Mound, Edinburg, Farmersville, Girard, Moweaqua, Nokomis, Pana, Pawnee, Taylorville, Tower Hill and Virden.
L 85

**KINDERHOOK,** 371—Kinderhook Elec. Lt. Co.; cap. $1,000.
Pres. & Mgr. H. S. Churchill..Kinderhook
*Sec. C. J. Gose.............. "
Treas. C. A. Gose.............. "
Buys energy from Central Illinois Public Service Co. at Barry; s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 12 incs. $13.80 per yr.
D L 1 ✢ 125

**KINMUNDY,** 997—Kinmundy Lt. Co.
*Owner & Mgr. J. C. Lee......Kinmundy
Engr. Pwr. Sta. O. Swab....... "
1 d. c. West. 75 kw. 250 v; 120 hp. e. Ham, Cor; 100 hp. b. C. & T.
City cont. 155 Mazdas "B" 40-400 w. tot. $1,528 per yr; moonlt. midnt; coal $1.95.
C L S ✢ ★125

**KNOXVILLE,** 1,818—Galesburg Ry., Ltg. & Pwr. Co. See Galesburg.
2 a. c. West. tot. 200 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 200 hp. e. Murray; 200 hp. b. Frost. Plant used only in emergency; energy from Galesburg; 3 transf. G.E. tot. 150 kw.
City cont. 53 arcs W. E. series a. c. 6.6 amp; 7 incs. series a. c. 6.6 amp; screenings.
D L S 3 35

**LACON,** 1,495—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
*Local Supt. Keene Richards.......Lacon
3 a.c.G. E, Westg. tot. 420 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 600 hp. e. Ames, N. Y. S; 500 hp. b. Erie, Atlas; energy also from Joliet and Streator.
City cont. 9 tung. 100 w. $30 per yr; 115 tung. 50 w. $20 per yr; all nt; moonlt; coal $2. (Co. also lts. Sparland, Henry and Chillicothe.)
D L S 3 25

**LADD,** 1,324—Munic. Elec. Lt. Plant.
*¶Sec. Henry Dwyer..................Ladd
Ch. Elecn. Martin Lakin.............. "
Purchases energy from Spring Valley Utilities Co; 1 a. c. Ft. W. 60 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220 v; 150 hp. e. Am; 140 hp. b. Kew. (Plant used in case of emergency.)
Coal $2.75.
D L S 1 75

**LA FAYETTE,** 300—Galva Elec. Lt. Co. See Galva.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.
City cont. 29 Mazdas 48 c. p. $21 per yr. moonlt. midnt.
D L 1 ✢ 16

**LA GRANGE,** 5,282—Public Service Co. of Northern Illinois. See Blue Island.

**LA HARPE,** 1,349—La Harpe Elec. Lt. & Pwr. Co.; cap. outstg. $15,000; no bds.
Pres. J. H. Hungate..............La Harpe
*V. Pres., Sec. & Treas.
H. G. Hungate................. "
¶ Mgr. & Ch. Engr. A. L. Blythe "
Elecn. Guy Mesecher............. "
3 d. c. G. E. tot. 115 kw. 125-250 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir. 220 v; 150 hp. e. Murray, Troy; 160 hp. b. Murray; 280 amp.-hrs. stor. bat. National 224 v.
City cont. 16 5-lt. posts "B" (1-60 w. & 4-40 w.) $42 per yr. 11 P. M; 47 incs. "B" 100 w. $24 per yr. moonlt. mdnt: coal $2.35.
C D L S ✢ ★16

**LAKE FOREST,** 3,349—Public Service Co. of Northern Illinois. See Waukegan.

**LANARK,** 1,175—Elec. Lt. Plant.
*Owner, A. L. Warfel..............Lanark
Engr. Pwr. Sta. F. W. Warfel.... "

1 a. c. West. 60 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Skinr; 140 hp. b. Cullen.

City cont. 24 Mazdas "C" 250 c.p. $51 per yr; 9 Mazdas "C" 60 c.p. $24 per yr; moonlt. midnt; coal $2.70.

L S 1 ✠ ★125

**LANSING,** 1,060—Public Service Co. of Northern Illinois. See Blue Island.

**LA SALLE,** 11,537—Citizens Ltg. Co. (Part of Illinois Traction System); cap. $250,000: bds. $250,000.
Pres. W. B. McKinley........Champaign
V. Pres. Geo. F. Duncan...Portland, Me.
Sec. E. A. MacNutt.......Montreal. Que.
Treas. Edw. Woodman.....Portland, Me.
Asst. Treas. W.H.Carnahan...Champaign
Gen. Audr. B. E. Bramble ..... "
Gen. Mgr. H. E. Chubbuck.........Peoria
¶ Pur. Agt. H. J. Vance........... "
Supt. L. W. Hess....................Ottawa

Energy purchased from Northern Illinois Lt. & Trac. Co.; 3transf. Westg. tot. 1800 kva; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. day & nt. mo. cir. 220-440-2300 v. 3 ph. 60 cys.

City cont. 925 Mazdas 60 & 100 w. 2½ cts. per kw. hr; all nt.

D L 3 16

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Munic. Elec. Lt. Plant.
Mayor, W. J. Brennan...........La Salle
City Clk. John B. Lawniczak.... "
*¶ Mgr. & Supt. E. Byrne....... "
Ch. Engr. Wm. Koenig.......... "
Ch. Elecns. { Thos. Heffron..... "
John Mullen....... "

2 d. c. Stand; no day cir; 150 hp. e. Ideal; 550 hp. b. Kew.

City cont. 150 arcs magnetite; all nt; coal $2.50.

C L S 35

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Northern Illinois Lt. & Trac. Co. See Ottawa.

3 a. c. G. E., Allis-C., Ham. Cor. tot. 3300 kw. 2200 & 370 v. 3 ph. 60 & 25 cys; trans. volt. 33,000 v. 3 ph. 60 cys.

R S 3 16

**LAWRENCEVILLE,** 3,235 — Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. F. L. Shimer..Lawrenceville

3 a. c. G. E, Ft. W. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 235 hp. e (gas) Natl; 100 hp. e. Ide; 200 hp. b. Erie; also receives energy from Olney.

City cont. 8 incs. 320 c. p. $65 per yr; 98 incs. 80 c. p. $26 per yr; all nt; natural gas 15 cts.

D G L S 3 ✠ ★85

**LEBANON,** 1,907 — Munic. Elec. Lt. Plant; cost $8,000.
Mgr. City Council...............Lebanon
*Ch. Engr. & Elecn.
Walter Breuning............. "

1 a. c. G. E. 200 kw. 1150 v. s. ph. 60 cys; 225 hp. e. Atlas; 160 hp. b. Spring, Kewanee.

Moonlt; slack 40 cts.

L S 1 125

**LEMONT,** 2,284—Public Service Co. of Northern Illinois. See Joliet.

**LENA,** 1,168—Lena Elec. Lt. & Pwr. Co.; cap. outstg. $20,000; bds. $5,000; cost $35,000.
*Pres. & Mgr. G. W. Benfer..........Lena
Sec. A. R. Musser..................... "
Treas. A. S. Benfer.................... "
Ch. Engr. A. Fisher.................... "
Engr. Pwr. Sta. Edward Lyons..... "

2 a. c. Westg. Ft. W. tot. 175 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v. s. ph. 60 cys; a.c. day& nt. (5.30 A.M. to midnt.) ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 250 hp. e. Bates, Ham; 200 hp. b. Erie, C. & T.

City cont. 8 arcs 6.6 amp. $60 per yr; 60 Mazdas 100 c. p. $30 per yr; 15 ornamental posts 150 c. p. $26.84 per post per yr; mdnt; coal $2.77. (Also lts. Pearl City.)

D L S 1 3 ✠ 125

**LE ROY,** 1,702—Le Roy Elec. Lt., Pwr. & Htg.Co.; cap. $40,000; bds. $15,000.
*¶ Pres. Treas. & Mgr.
L. W. Wartena...................Le Roy
V. Pres. & Sec. L. R. Wartena.... "

Purchases energy from Bloomington & Normal Ry. & Lt. Co.; trans. volt. 13,200 v. 3 ph. 60 cys; 3 transf. G. E. tot. 30 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. —— v. s. & 3 ph. 60 cys.

City cont. 160 Mazdas 60 c. p. $12 per yr; moonlt. 11 P. M. (Co. also lts. Dawns.)

D L 1 3 ✠ 125

**LEWISTOWN,** 2,312—Lewistown Elec. Co.; cap. outstg. $50,000.
Pres. & Sec. W. P. Ingersall......Canton
V. Pres. W. H. Parlin....... ..... "
*Treas. & Mgr. C. D. Ingersall.... "
Engr. Pwr. Sta. Oscar Finley..Lewistown

1 a. c. Westg. 150 kva. 1200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s ph. 60 cys; Murray stm. eng.; 3 boilers Frost; also purchases energy from Canton Gas & Elec. Co., 2 transf. tot. 50 kw. Moloney.

City cont. 89 incs. "C" 250 & 100 c. p. $48 & $24 per yr. moonlt. mdnt; slack $2.

D L S 1 3 ✠ 125

**LEXINGTON,** 1,318—Bloomington & Normal Ry & Lt. Co. See Bloomington.

2 a.c. Westg, G. E. tot. 135 kw. 1100 110 v.s. ph. 125 cys; 190 hp. e. Ide: 200 hp. b. Kewanee.

City cont. Thompson arcs $60 per yr; 150 incs. carbon $12 per yr; moonlt; coal $1.15.

L S 1 ✠ 16

**LIBERTYVILLE,** 1,724—Public Service Co. of Northern Illinois. See Waukegan.

**LINCOLN,** 10,892—Lincoln Wtr. & Lt. Co.; cap. outstdg. $250,000; bds. outstdg. $160,000.
Pres. E. LeB. Gardner
158 Ellison St., Paterson, N. J.
Sec.& Treas. Whitney Conant " "
¶ Pur. Agt. S. A. Cunningham
2 Wall St., New York, N. Y.
*Gen. Supt. E. MacDonald ......Lincoln
Engr. Pwr. Sta. B. P. Hallock.... "

2 a. c. G. E. tot. 700 kva. 2300 v. 3 ph. 60 cys; 1 d. c. Wood 75 hp. 500-550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; d.c. mo. cir. 500-550 v; 950 hp. e. Cooper, Harris; 650 hp. b. Phoenix, Erie.

City cont. 152 G. E. series arcs 7.5 amp. $60 & $70 per yr; 7 Tung. 60 w. $24 per yr; moonlt. all nt; screenings $1.45.

C D L S 1 3 ✠ 125

**LITCHFIELD,** 5,971—United Gas & Elec. Co.; cap. $250,000; bds. $97,000.
Pres. J. J Frey ..................Hillsboro
V. Pres. R. Davis................Litchfield
*Sec., Treas. & Mgr. M. Bishop "
Cont. Agt. & Dist. Supt.
E. Bockewitz.......... ..... "
Engr. Pwr. Sta. L. Scherer..... "

2 a.c. Warren. tot. 150 kw. 1100 v.s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 450 hp. e. St. Louis, Cor, Rice; 250 hp. b. Heine.

City cont. 87 enc. arcs a. c. series 7.5 amp. $70 per yr; all dark hrs; coal $1.50.
D L S 1 ✣ 125

**LOCKPORT,** 2,555 — Munic. Electric Ltg. System; cost $20,000.
Energy from Public Service Co. of Northern Illinois.
L ✣ 34†

**LONGVIEW,** 257—Central Illinois Public Service Co. For officers, see Mattoon.
Energy from Villa Grove; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 p.h. 60 cys.
City cont. 18 tungs. 32 c. p. $12 per yr; moonlt.
D L 3 ✣ 85

**LOUISVILLE,** 670—Louisville Elec. Lt. & Wtr. Plant; cost $12,000; bds. $2,000.
¶ Pres. & Mgr. I. N. Stanford..Louisville
*Supt. & Engr. Pwr. Sta.
H. S. Stanford................ "
2 a. c. Triumph tot 125 kw. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 205 hp. e. Ideal, C. & T; 250 hp. b. Freeman. O'B.
City cont. 65 3-lt. standards 60 & 100 w. $19.80 per yr; moonlt; coal $1.30 to $2.30.
L S 3 ✣ 25

**LOVINGTON,** 1,011—Munic. Elec. Lt. & Pwr. Plant; cost $12 000; bds. $2,000.
Pres. W. H. Murphy.........Lovington
Clerk, O. T. Cochran.......... "
Treas. J. M. Shepherd......... "
*Supt. & Ch. Engr.
L. O. Patrick................. "
2 a.c. G. E, Natl. tot. 90 kw. 1100 v. s. ph. 133 cys; 1 d. c. W. E. 400 kw. 110 v; a.c. & d. c. nt. ltg. cir. 110 v; a. c. & d. c. nt. mo. cir. 110 v; 225 hp. e. Chuse, Erie; 300 hp. b. Erie.
City cont. 42 Mazdas 100 c. p. 5.5 amp; all nt; coal $1.75.
C L S 1 75

**LYONS,** 1,483—Public Service Co. of Northern Illinois. See Blue Island.

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The Sanitary District of Chicago. See Chicago.

**McHENRY,** 1,031—Public Service Co. of Northern Illinois. See Waukegan.

**McLEANSBORO,** 1,796 — *Munic. Elec. Lt. Plant: cost $12,000.
¶ Supt. S. G. Yoder........McLeansboro
Ch. Engr. W. A. Blades..... "
Elecn. E. L. Smith.......... "
1 a. c. Ft. W. 100 kw. 1100 v. s. ph. 133 cys: 2 a. c. West. 200 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100 v; pwr. cir. 500 v; 375 hp. e. L. & B; 200 hp. b. Brnl.
City cont. 90 Tungsten 250 w; moonlt; coal $1.
D L S 1 3 124†

**MACKINAW,** 725—Mackinaw Elec. Lt. & Pwr. Co; cap. $8,000.
Pres. Geo. Turall..............Mackinaw
Sec. J. J. Tillan................ "
Treas. C. Y. Sparks........... "
*¶ Mgr. F. E. Hart............. "
Purchases energy; 10 transf. Westg. tot. 50 kw; 1 rect. G. E. 35 amp; a. c day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo cir. 440-220 v. 3 ph. 25 cys.
City cont. 52 Mazdas 32 c. p. 3.5 amp. $18 per yr; moonlt. 11 p. m.
D L 3 ✣ 75

**MACOMB,** 5,774—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Geo. Rippetoe.......Macomb
Engrs. S. R. Rodgers......... "
Pwr. Sta. C. A. Merrill.......... "
4 a. c. G. E. tot. 425 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. e. Bates; 100 hp. stm. turb. G. E; 600 hp. b. Frost; also ice plant.
City cont. 90 arcs magnetite 475 w; 3 5-lt. posts 40 & 60 w; tot. $6,500 per yr. 2 A. M; coal $1.97. (Supplies energy to Augusta, Colchester, Ipava, Rushville, Bushnell and Plymouth.)
D I L S 1 3 ✣ ★85

**MACON,** 683—Central Illinois Public Service Co. See Mattoon.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
City cont. 43 incs. 32 c. p. $19 per yr; moonlt. all nt.
D L 1 85

**MADISON,** 5,046—Madison County Lt. & Pwr. Co. See Granite City.

**MANITO,** 696—Munic. Elec. Lt. Plant.
*¶Supt. & Engr. Wm. T. S. Beebe.Manito
1 a. c. Ft. W. 50 kw. 1100 v. s. ph. 60 cys; a. c. day (2 half days each week) & nt. ltg. cir. 110 v; 50 hp. e. Cooper; 80 hp b. Erie City.
Mdnt; coal $1.52½.
D L S 1 125

**MANSFIELD,** 681—Mansfield Elec. Co; cap. $10,000; cost $4,000.
*¶ Pres. Mgr. & Ch. Engr.
Wm. H. Schuler..............Mansfield
V. Pres. R. N. Cooper.......Gibson City
Sec. & Treas. K. R. Schuler....Mansfield
1 a. c. Warren — kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 120 hp. e. Erie; 120 hp. b. Erie.
City cont. 21 nitrogen lamps "C.' 400 w. $72 per yr; 3 Mazdas 60 w; moonlt. all nt; screenings $1.40.
L S 1 ✣ 55

**MANTENO,** 1,229—Public Service Co. of Northern Illinois. See Kankakee.

**MAPLE PARK,** 89—*Munic. Elec. Lt. Plant.
Mgr. H. Butler................Maple Park
12 arcs; 24 incs. 32 c. p.
L 80

**MARENGO,** 1,936— Marengo Public Service Co.; cap. $30,000.
Pres. H. J. Thompson............Marengo
V. Pres. J. T. Frey.............. "
Sec. & Treas. H. T. Frey......... "
*¶ Mgr. Robt. T. Frey........... "
Engrs. E. O. Ward.......... "
Pwr. Sta. P. Worman.......... "
2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Fitch; 250 hp. b. Erie; 20-ton ice machine (Vogt.)
City cont. 117 series Tung. 60 & 400 c.p; 12 P. M; coal.
D I L S 3 ✣ ★125

**MARINE,** 800--Marine Elec. Service Co. Office, 4030 Lindell Blvd., St. Louis Mo.
Pres. H. Neale.............St. Louis, Mo.
*V. Pres R. S. Seese....... " "
Sec. G. B. Neale........... " "
Treas. R. Seese............ " "
Engr. Pwr. Sta. Arnold Maurer...Marine
2 a. c. tot. 60 kw. 2300 & 6600 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
Oil. (Also lts. St. Jacob.)
D G L 1 3 §115

**MARION,** 7,093—Central Illinois Public Service Co. For executive officers, see Mattoon.
Div. Supt. J. B. Crawford........Marion
Local Supt. B. G. Eckard......... "

Energy from Harrisburg and Christopher, 33,000 v. 3 ph. 60 cys; 4 transf. G. E; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys; ice plant.

City cont. 98 incs, various c. p. 6.6 amp. and 16 orn. posts 1-3 & 5 lts. 100 w. mult. 6 cts. per kwh. all nt.

D I L 1 3 ✠ ★26

**MARISSA,** 2,004—Munic. Elec. Lt. Plant; cost $12,000.
Mayor Daniel Zihlsdorf............Marissa
Supt. Albert Koppitz.............. "

2 a. c. Warren tot. 180 kw. 2200-101 v. s. ph. 133 cys: no day cir; 300 hp. e. Nagle, Chuse; 300 hp. b. Nagle, Atlas.

24 city arcs 2000 c. p. $60 per yr; 70 incs. 32 c. p. $12 per yr; all nt; coal 50 & 95 cts. (Co. also lts. Old Marissa.)

L S 1 ★26†

**MAROA,** 1,160—Maroa Elec. Lt. Co.; cap. $12,000.
*Pres. & Mgr. J. Crocker..............Maroa
Sec. W. Schenck.................. "
Treas. G. Conover.................. "
Ch. Engr. S. F. Martin............. "

Purchases energy from Illinois Trac. System; 3 transf.—tot. 75 kw; trans. volt. 33,000 v. —ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys.

D L X ✠ 25

**MARSEILLES,** 3,291—Consumers' Wtr. & Lt. Co. (Part of Illinois Trac. System); cap. auth. $100,000; bds. $80,000.
Supt. L. W. Hess..................Ottawa
Engr. Pwr. Sta. Chas. Hahn...Marseilles

Energy purchased from Northern Illinois Lt. & Trac. Co.; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 40 arcs 2000 c. p. $60 per yr; all nt.

D L 3 ✠ 16

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Northern Illinois Lt. & Trac. Co. See Ottawa.

8 a. c. G. E, West. tot. 2750 kw. 2300 v. 3 ph. 25 & 60 cys; trans. 33,000 v. 3 ph. 25 & 60 cys; —hp. b. Stir; 2000 kw. turb. (stm.) G. E; 3600 hp. wtr. wh. Lef.

R S W 3 16

**MARSHALL,** 2,840—Munic. Elec. Lt. Plant; bds. $7,000.
*¶ Cont. Agt. & Supt.
S. O. Tibbs .....................Marshall
Ch. Engr. Geo. Taubeneck ..... "

1 a. c. Stan. 115 kw. 1100 v. 2 ph. 60 cys; 1 arc 65 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys; 225 hp. e. Ames, Bates; 450 hp. b. T. H, C. & T.

60 city arcs; moonlt; coal $1.80.

D L S 1 2 125

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Marshall Ice & Pwr. Co.; cost $30,000
*¶Owner & Mgr. G. C. Hallauer..Marshall
Engr. Pwr. Sta. A. Bush......... "

1 a. c. G. E. 185 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 185 kw. e. Chuse; 300 hp. b. Vogt; York ice machine.

City cont. 75 series Tung 100 w. $19.80 per yr. moonlt; screenings $1.35. (Also lts. Martinsville.)

D I L S 3 125

**MARTINSVILLE,** 1,500 — Marshall Ice & Pwr. Co. See Marshall.

**MASCOUTAH,** 2,081—Munic. Lt. & Pwr. Plant.
Mayor, J. D. Mollman............Mascoutah
*¶Supt. Geo. F. Mueller....... "
Engr. Pwr. Sta. Arnold Steinkamp "

2 a. c. Westg. tot. 326 kva. 2400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 340 hp. e. Ide, 225 hp. b. Erie, Wangler.

City cont. 135 West. nitro. series 60 c. p; all dark hrs; coal $1.25.

D L S 1 3 ✠ 16

**MASON CITY,** 1,842—Munic. Lt. & Wtr. Plant; bds. $6,000.
*¶ Mgr. Supt. & Cont. Agt.
W. E. Taylor...............Mason City
Engr. Pwr. Sta. B. W. Tibbitts "

1 a. c. Ft. W. 2100 v. 3 ph. 60 cys; no day cir; 100 hp. e. Erie; 200 hp. b. Erie, Frost Mfg. Co.

City cont. 61 arcs (Wood sys.) 12 c. p; 8 incs. Tung 100 v; coal $1.40.

L S 3 23

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The Abbott Lt. & Pwr. Co. See Petersburg.

**MATHERVILLE,** 200—Edwards River Pwr. Co. Gen. sta. at Matherville. (Subsidiary of Rock Island Southern Ry. Co.)
Pres. N. A. Walsh..............Clinton, Ia.
V. Pres.
A. E. Walsh. 308 Brady St., Davenport, Ia.
Sec., Treas. & Mgr.
J. W. Walsh............. " "
Audr. Paul Wagenor....... " "
*¶Gen. Supt. H. A. Tolburg...Matherville
Supt. Ovhd. Distrbn.
O. A. Rolston.............. "
Engr. Pwr. Sta. E. Burns.... "

4 a. c. West. tot. 3500 kva. 2300 v. s. & 3 ph. 25 & 60 cys; trans. volt. 11,000 v. s. ph. 25 cys. & 33,000 v. 3 ph 60 cys; 2000 kw. e. West; 2000 b. Bab. & W.

Slack 90 cts. (Energy sold in bulk to Rock Island Southern Ry. Co., Tri County Lt. & Pwr. Co. and Sherrard Elec. Pwr. System.)

S T 1 3 16

**MATTOON,** 11,456—*Munic. Elec. Lt. Plant; cost $25,000; no bds.
Ch. Elecn. W. S. Bury..........Mattoon

1 a. c. 75 kw. 2300 v; 2 d. c. arc G. E, Brush 250 lt; 300 hp. e. Ide, Chuse; 350 hp. turb. (wtr.); 300 hp. b. Spring, Erie.

Moonlt. all nt; coal $1.70.

L S W X 63w

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Central Illinois Public Service Co. (Operates gen. stas. at Anna, Astoria, Beardstown, Camp Point, Carbondale, Carrollton, Carthage, Charleston, Harrisburg, Havana, Herrin, Jerseyville, Lawrenceville, Macomb, Mattoon, Mounds-Mt. Sterling, Moweaqua, Oakland, Olney, Pana, Paris, Robinson, Roseville, Rushville, St. Elmo, Sullivan, Table Grove, Taylorville, Tolono, Tuscola, Versailles, Virden, Virginia and Waverly. For other cities and towns served see list given below.) (A subsidiary of the Middle West Utilities Co.); cap. $10,000,000; bds. $4,000,000.
Pres. M. E. Sampsell..............Chicago
V. Pres. G. W. Hamilton..........Mattoon
Sec. E. V. Graham .............. "
Treas. H. M. Brooks.............. "
Audr. P. A. Erlach .............. "
*Gen. Supt. B. F. Tucker........ "
Cont. Agt. J. P. Clayton........ "
¶ Pur. Agt. D. R. Truax......... "
Local Supt. W. M. Brown....... "
Ch. Engr. Pwr. Sta.
A. J. Authenreith................ "

2 a. c. G. E. tot. 1300 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 625 kw. 500-220-110-v; trans. volt 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. d. c. ltg. cir. 110-220 v: a.c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; d. c. mo. cir. 110-220 v; 2500 hp. e. Bates-Cor., Chuse, R. & S; 2350 hp. b. Bab. & W. Sterling, A. & T.: also stm. htg; trans. from this sta. to Charleston, Gays, Kansas, Neoga, Tuscola, Villa Grove and Windsor.

Coal, $1.35. (Co. also serves Aetna, Alsey, Arcola, Arthur, Auburn, Assumption, Augusta, Ashmore, Baylis, Bardolph, Barry, Blue Mound, Bluffs, Bridgeport, Broadlands, Brocton, Bulpitt, Bushnell, Canargo, Carriers Mills, Carterville, Claremont, Clayton, Colchester, Edinburg, Fillmore, Fairland, Farmersville, Findlay, Fordville, Galton, Gays, Girard, Greenfield, Griggsville, Hillview, Hindsboro, Hull, Humboldt, Ipava, Johnston City, Jonesboro, Kane, Kansas, Kincaid, Kinderhook, Longview, Loxa, Macon, Marion, Maysville, Meredosia, Murrayville, Manchester, Metcalf, Neoga, Newman, Nokomis, Owaneco, Palestine, Pawnee, Pittsfield, Plymouth, Pesotum, Ramsey, Roodhouse, Sumner, Thayer, Tower Hill, Time, Villa Grove, Westfield, West Frankfort, White Ash, White Hall, Wilmington, Winchester, Windsor, Wright and Witt.)
C D H R S 3 ✣ ★85

**MAYWOOD,** 8,033—Public Service Co. of Northern Illinois. For officers, see Chicago.
—a. c. G. E. tot. 2250 kw. 2300 v. 3 ph. 60 cys; 1750 hp. b. Bab. & W.
City cont. 15 arcs enc. 350 w. $60 per yr; 335 Tung. 40 & 75 w. $15 & $25 per yr.
L S 3 25

**MEDORA,** 444—Medora Elec. Lt. Plant.
*Owner & Mgr. L. C. Hard.......Medora
1 d. c. W. E. 30 kw. 125 v; no. day cir; 50 hp. e. Skinr; 50 hp. b. Spgfd.
City cont. 4 arcs 1200 c. p. $72 per yr; 17 incs. 32 c. p. $15 per yr; 11 P. M. moonlt; coal $1.75.
C L S ✣ 16

**MELROSE PARK,** 4,806—Public Service Co. of Northern Illinois. See Chicago.

**MENDOTA,** 3,806—Illinois Northern Utilities Co. For executive officers, see Dixon.
Supt. E. W. Galloway...........Mendota
3 a. c. Ft. W. tot. 325 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. mo. cir. 220 v; 515 hp. e. Chuse; 300 hp. b. Stir; energy also from Dixon; trans. volt. 33,000 v.
City cont. 6 arcs series; 361 incs. 50 w; moonlt. mdnt. & all nt; coal $2.35. (Supplies energy to Earlville.)
D L S 3 ✣ 16

**MEREDOSIA,** 951—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. L. H. Wegehoft...Meredosia
Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 40 Tung. series 40 c. p. $16 per yr; moonlt. 10 P. M.
D L 3 ✣ 85

**METROPOLIS,** 4,655—Munic. Elec. Lt. & Wtr. Wks; bds. $24,000.
*Supt. P. M. Richards.......Metropolis
2 a. c. West. tot. 370 kva. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. s. & 3 ph. 60 cys; 510 hp. e. L. & B. Ideal; 450 hp. b. Atlas, Spfg.
200 city incs. series "C" 80-250-1000 c. p; screenings, $1.47.
D L S 1 3 125

**MILFORD,** 1,316—Central Illinois Utilities Co. See Paxton.
Mgr. E. R. Rush.....................Milford
2 transf. tot. 60 kw. West; trans. 16,500 v; a.c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 61 series incs. 60 & 200 c. p. $— per yr; moonlt.
D L 3 ✣ ★85

**MILLSTADT,** 1,140—Munic. Elec. Lt. Plant; cost $10,000; bds. $2,500.
Mayor, E. W. Marxer...........Millstadt
Mgrs. Village Board............ "
*Ch. Engr. Fred. Krick......... "
2 a. c. Westg. Ft. Wayne, 110 v. s. ph. 62 cys; a. c. nt. ltg. cir. 110 v. 62 cys; 160 hp. e. Alfree, Rus; 160 hp. b. Alfree, Brnl.
36 city arcs Westg; 60 Tung. 40 w; moonlt; coal $1.62½.
L S 1 ✣ 75

**MINIER,** 690—Munic. Elec. Lt. Plant. Cost. $7,000
Pres. Bd. C. W. Bird...............Minier
*Clerk, H. J. Blome................ "
Treas. W. W. Paine................. "
Engr. Pwr. Sta. R. M. Faust........ "
1 d. c. Ft. W. 100 kw. 250 v; d. c. nt. ltg. & mo. cir. 250 v; 150 hp. e. Bates; 160 hp. b. Frost.
1200 city incs; coal $1.15.
C L S 125

**MINONK,** 2,070—Public Service Co. of Northern Illinois. For officers, see Chicago.
Energy from Joliet, Blue Island and Streator; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.
City cont. 164 incs. 50 c. p. $30 per yr. all nt. & $12 & $16.20 per yr. 11 P. M.
D L 3 ✣ 25

**MOLINE,** 24,199—Peoples Pwr. Co. (Controlled by Tri-City Ry. & Lt. Co., which in turn is controlled by the United Lt. & Rys. Co.)
Pres. J. F. Porter..........Davenport, Ia.
V. Pres. B. J. Denman..... "
Asst. Mgr. D. G. Porter......Rock Island
Sec. & Treas. H. E. Weeks. Davenport, Ia.
¶ Pur. Agt. Geo. Kuhn .... " "
Supt. Distrib. J. B. Jones....Rock Island
Purchases energy from The Moline-Rock Island Mfg. Co.; 18 transf. Westg. tot. 4500 kw; 3 rot. conv. Westg. tot. 800 kw; 4 mo.-gen. Westg. tot. 1600 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 4400-2200-440 v. 2 ph. 60 cys; d.c. mo. cir. 500 v.
City cont. 750 arcs a.c. enc. 7.5 amp. $60 & $65 per yr; 250 Tungsten 80 & 160 c. p. $21 & $40 per yr; moonlt. all nt. (Also lts. E. Moline, Hampton, Rapids City, Port Byron, Carbon Cliff, Sears, Watertown, Silvis, Milan and Rock Island).
C D L 2 ✣ ★16

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The Moline-Rock Island Mfg. Co. (Controlled by the Tri-City Ry. & Lt. Co., which in turn is controlled by the United Lt. & Rys. Co.); cap. $1,550,000.
Pres. J. F. Porter..........Davenport, Ia.
V. Pres. B. J. Denman.... "
Asst. Mgr. D. G. Porter......Rock Island
Sec. & Treas. H.E. Weeks..Davenport, Ia.
¶ Pur. Agt. Geo Kuhn......Rock Island
Engr. Pwr. Sta. Earl Cameron.. "
8 a. c. West. tot. 30,000 kw. 4800 v. 2 ph. 60 cys; 1 d. c. West. 600 kw. 600 v; 7 arcs G. E. tot. 700 lt; 6900 hp. b. Stir; 1000 kw. e. Allis C; 25,000 kw. turb. (stm.) West; 2500 hp. wtr. wh. Trump, Lef. (owned and operated by Moline Wtr. Pwr. Co.) (Sells energy to People's Pwr. Co., People's Light Co., Tri-City Ry. Co. of Illinois and Iowa, Moline, Rock Island & Eastern Trac. Co. Muscatine Ltg. Co. and Davenport & Muscatine Ry. Co.)
Screenings $1 & $1.25.
S T W 2 ★16

**MOMENCE,** 2,201—Momence Utilities Co; cap. $75,000.
Pres. & Mgr. W. B. Harpole....Momence
*Sec. & Treas. Byron Harpole... "
Supt. G. O. Tharp............... "
Engr. Pwr. Sta. Homer Hyatt... "

2 a. c. Westg. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v.3 ph. 60 cys; 500 hp. e. Fitch; 450 hp. b. Frost, Mur.

City cont. 15 arcs enc. series 32 c. p. $65 per yr; 126 incs. series 6.6 amp. $18 per yr; moonlt; coal $2.10. (Also lts. Grant Park.)

D L S 3 ✢ 16

**MONMOUTH,** 9,128—Monmouth Public Service Co., 114 So. Main St. (Controlled and operated by The Lt. & Develop. Co. of St. Louis, Mo.); cap. outstdg. $1,000,000; bds. outstg. $610,000.

Pres. H. Wurdack..........St. Louis, Mo.
V. Pres. & Treas.
Horace W. Beck......... " "
Sec. J. W. Clendenin..........Monmouth
Mgr., Supt. & Ch. Engr.
J. R. Stevenson............. "
¶Pur. Agt. Phil. Ziegenfuss..St. Louis, Mo.
Engr. Pwr. Sta. Nels. Jessen..Monmouth

2 a. c. Allis C, West. tot. 500 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 150 kw. 220 v; 1 arc G. E. 225 lts; a. c. & d. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 220 v; 650 kw. e. Allis-C, Bckye, Ide; 1200 hp. b. Heine, Wickes; also stm. htg., gas and ice plant.

City cont. 151 d. c. series arcs 4 amp. $60 per yr; 12 incs. d. c. series 80 c. p. $21 per yr; moonlt. all nt; 46 incs. d. c. series 60 c. p. $16.20 per yr; midnt; 84 incs. mult. 60 w. & 336 incs. mult. 25 w. midnt; $42 per yr; all nt; screenings. (Co. also lts. Kirkwood.)

C D H I L S 3 ✢ 25

**MONROE CENTER,** 300—Elec. Lt. Plant; cap. outstdg. $8,000; bds. outstdg. $3,000.

*Owners & Mgrs.
Atchison & Hildebrand..Monroe Center

1 d. c. F. M. & Co. 10 kw. 115 v; d. c. day & nt. ltg. & mo. cir; 15 hp. e. (gas) I. H. C; F. M. & Co. stor. bat. 110 v. 15 amps-8 hrs.

City cont. all nt; kerosene 6½ cts.

C D G L ✢ 25

**MONTICELLO,** 1,981 — Monticello Elec. Lt. & Pwr. Co. (Part of Illinois Trac. System); cap. $20,000; bds. $8,000.

Pres. Wm. B. McKinley......Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Treas. Geo. M. Mattis........Champaign
Local Mgr. G. A. Carnahan....Monticello
Gen. Supt. John A. Glover........Urbana

1 d. c. G. E. rect. 40 lt; 2 a. c. Ft. W. 126 kw. 1100-110 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. s. ph. 133 cys; a.c. day & nt. mo. cir. 110-220 v. s. ph. 133 cys; 150 hp. e. Ide; 120 hp. b. Hull.

City cont. 32 arcs. magn. 4 amp. $84 per yr; coal $1.65.

D L S 1 ✢ 84

**MORRIS,** 4,563—Public Service Co. of Northern Illinois. See Chicago.

Asst. Supt. J. A. Schabeck........Morris

Energy from Joliet.

City cont. 41 arcs 450 w. $72 per yr; 160 incs. 32 c. p. $24 per yr; all nt. moonlt.

L 25

**MORRISON,** 2,410—Illinois Northern Utilities Co. For executive officers, see Dixon.

Local Mgr. D. Gallagher........Morrison

Energy from Sterling; transmn. volt. 33,000 v. 3 ph. 60 cys.

City cont. 149 Tungs. 75 w. (134 all nt., 15 moonlt.) $19.50 per yr.

L 3 ✢ ★16

**MORRISONVILLE,** 1,126 — Southern Illinois Lt. & Pwr. Co. For executive officers, see Hillsboro.

Supt. H. E. Hough.........Morrisonville

Reserve:—1 a. c. Ft. W. 100 kw. 2300 v. s. ph. 60 cys; a.c. day&nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 60 cys; 170 hp. turb. (stm.) Terry; 150 hp. b. Heine; also stm. htg.

City cont. 133 Mazda series 32 & 60 c. p. $15 & $24 per yr; moonlt; coal $1.45. (Supplies Palmer, Harvel and Raymond.)

D H L S 1 ✢ 16

**MORTON,** 1,004—Bloomington & Normal Ry. & Lt. Co. For executive officers, see Bloomington.

Local Mgr. Levi Mosiman.........Morton

a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 104 v. s. ph. 60 cys; d. c. mo. cir. 220 v.

City cont. 2 arcs 1200 c. p. $60 per yr; 50 incs. 60 c. p. $28 per yr; moonlt. mdnt.

C D L 1 16

**MOUND CITY,** 2,837—Mound City Lt. & Wtr. Co. (Part of Illinois Traction System): cap. $100,000.

Pres. W. B. McKinley........Champaign
V. Pres. Geo. F. Duncan....Portland, Me.
Sec. E. A. MacNutt.......Montreal, Can.
Treas. Edwin Woodman....Portland, Me.
Gen. Mgr. H. E. Chubbuck........Peoria
Audr. B. E. Bramble..........Champaign
Gen. Supt. W. F. Crossley..........Cairo
¶ Pur. Agt. H. J. Vance............Peoria
Asst. Gen. Supt. M. C. Whiting.....Cairo

Energy from the Cairo Ry. & Lt. System; 1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Ham, Cor; 300 hp. b. S-D. Co.

City cont. 55 Mazda series 250. 100 & 50 w. 6.6 amp. $60, $36 and $21 per yr; 9 400-c. p. and 6 80-c. p. incs. series 6.6 amp; all nt; coal $1.60 & $1.20. (Co. also lts. Mounds.)

D L S 3 ✢ ★16

**MOUNDS,** 1,686—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. B. King..............Mounds

2 a. c. Ft. W. tot. 140 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir.110 v. 60 cys; a c. mo. cir. 110-220 v. 3 ph. 60 cys; 1200 hp. e. York & Ball; 1050 hp. b. Stir; 250-ton ice plant.

City cont. 5 incs. 120 c. p. $48 per yr; 34 incs. 60 c. p. $30 per yr; all nt; coal $1.30.

D I L S 3 ✢ ★85

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Mound City Lt. & Wtr. Co. See Mound City.

Energy from Cairo Ry. & Lt. System; 2 transf. G. E. total 225 kva. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; no mo. cir.

City cont. 50 incs. "C" 80, 250 & 400 c. p. 6 6 amp. all nt.

D L 3 ✢ 26

**MT. CARMEL,** 6,934—Mt. Carmel Public Utility & Service Co; cap. outstg. $300,000; no bds.

*¶Pres., Treas. & Mgr.
P. Barnhard ................Mt. Carmel
V. Pres. Frederick Hertenstein
Cincinnati, O.
Sec. & Supt. A. D. Hill........Mt. Carmel
Audr. Wm. Beiser.........Cincinnati, O.
Ch. Engr. Pwr. Sta.
Oscar Knight...............Mt. Carmel

3 a. c. G. E. Bull . tot. 700 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s.& 2 ph. 60 cys; 800 hp. e. Cor. connected to G. E. gen; 500 hp. e. L. & B; 600 hp. b. Stir.: also stm. htg.

City cont. 74 series incs. "C" 250 c. p. $65 per yr; all nt; screenings $1.15.

D H L S 1 2 ✢ ★16

**MT. CARROLL,** 2,000—Mt. Carroll Elec. Lt. Co.; cap. auth. $12,800.
*¶ Pres. Treas. & Mgr. J. W. Webb Mt. Carroll
Sec. A. M. Webb.................. "
Engr. Pwr. Sta. H. S. Betts... "
Ch. Elecn. F. McCray.......... "

2 a. c. Ft. W, G. E. tot. 140 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v. 125 cys; a. c. nt. mo. cir. 110 v. s. ph. 125 cys: 240 hp. e. Bckye, Ide, Rice; 120 hp. b. Star.

City cont. 18 arcs 500 w. and 60 tung. 40 w. 8½ cts. per kwh. moonlt. mdnt; coal $2.95.

L S 1 ✠ 125

**MT. MORRIS,** 1,132—Illinois Northern Utilities Co. See Dixon.

Energy from Oregon; trans. volt. 13,200 v.

City cont. 69 incs. "C" 60 c. p.

L X ✠ 16

**MT. OLIVE,** 3,501—Munic. Electric Lt. Plant; cost $40,000.
Vil. Pres. A. E. Fisher.........Mt. Olive
Sec. D. Martin..................... "
Treas. Frank Sessmanshaussen. "
*¶ Supt. & Engr. Pwr. Sta.
W. E. Churchill ................ "

2 a. c. Ft. W. tot. 180 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 275 hp. e. Rus: 490 hp. b. Erie.

9 city arcs A. B. and 117 series incs; all nt; coal $1.45. (Also lts. White City.)

D L S 1 ★16

**MT. PULASKI,** 1,511—Mt. Pulaski Elec. Lt., Ht. & Pwr. Co; cap. outstg. $40,000; bd. $20,000.
Pres. Ira Veail................Mt. Pulaski
*Sec. C. E. West............... "

3 a. c. West. tot. 350 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v. 3 ph. 60 cys; 1 rect. 50-lt. 4 amp; a. c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. Bates Cor, Chuse; 300 hp. b. Brnl, Frost

City cont. 35 arcs G. E. magn. $72 per yr; 8 incs 32 c. p. $16 per yr; moonlt. all nt; coal $1.50. (Also lts. Kenney, Chestnut and Latham.)

D L S 1 3 ✠ 125

**MT. STERLING,** 1,986—Central Illinois Public Service Co. For executive officers, see Mattoon
Local Supt. C. P. Hickman..Mt. Sterling

1 a. c. Bull. 108 kw. 1040 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 110-220 v. s. ph. 60 cys; 140 hp. e. Murray; 180 hp. b. Mich. Const. Co.

City cont. 110 tung. series 50 w. $12 per yr; moonlt. midnt; coal $2.

D L S 1 ✠ 85

**MT. VERNON,** 8,007 — Citizens' Gas Elec. & Htg. Co. (Controlled by Cities Service Co., 60 Wall St., New York, N. Y.); cap. $200,000; bds. $207,000.
Pres. Henry L. Doherty. } 60 Wall St.,
V. Pres. H. H. Scott.... } New York, N.Y.
Sec. H. A. Louwein............Mt. Vernon
*¶ Treas. & Mgr. H. E. Brandli "
Cont. Agt. Aug. W. Schade... "
Supt. Sherman Allen.......... "
Engr. Pwr. Sta. F. Sikorski... "

3 a. c. G. E. tot. 640 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 900 hp. e. Ide, H. M. & B, Chuse; 885 hp. b. Erie, Heine, Lyons; (also hot wtr. htg.)

City cont. 90 series arcs W. E. 6.6 amp. $65 per yr; 25 incs. series 6.6 amp. 350 w. $65 per yr; all nt; coal $1.25.

D H L S 3 ✠ 125

**MOWEAQUA,** 1,513—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. & Engr. Pwr. Sta.
Ed. Bethard...................Moweaqua

2 a. c. W. E. tot. 325 kw. 110-120 v. 3 ph. 60cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 315 hp. e. Ide, Chuse; 360 hp. b. Kew; also stm. htg; also receives energy from Kincaid.

City cont. 30 4-lt. clusters 60 w. tot. $143.75 per mo; moonlt. all nt; coal $1.46.

D H L S 3 ✠ 85

**MURPHYSBORO,** 10,000 — Murphysboro Wtr. Wks. & Elec. & Gas Lt. Co.; cap. $160,000; bds. $150,000.
Pres. Willard Wall..........Murphysboro
V. Pres. Jos. Van Closter.. "
*Sec. & Treas. P. H. Eisenmayer "
¶ Mgr. Cont. Agt. & Supt.
W. O. Settle.............. "
Engr. Pwr. Sta.
Wm. Laudermill.......... "

2 a. c. Bull, Ft. Wayne, tot. 600 kw. 2200 v. 2 ph. 60 cys; 1 d. c. Bull. 500 amp. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; d. c. mo. cir. 550 v; 700 hp. e. Allis-C, Fulton; 932 hp. b. O'Brien, Heine.

City cont. 175 Mazda series 6.6 amp. 200 & 60 c. p. $45 & $24 per yr; all nt; screenings. $1.50. (Also rents pwr. to ry.)

C D L S 1 2 ✠ 14

**NAPERVILLE,** 3,449—Munic. Water & Light Dept.
Mayor, F. A. Kendall..........Naperville
*¶ Mgr. & Sec. O. W. Strubler... "
Supt Chas. F. Rohr ............. "
Cont. Agt. City Council.......... "
Asst. Supt. Walter E. Rickert.. "

3 a. c. Ft. W, Allis-C. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 500 hp. e. Bates, Lansing; 115 kw. stm. turb. Kerr; 500 hp. b. Kewanee, Erie, Frmn.

City cont. 140 incs. series 50 c. p; 180 incs. multiple 40 c. p; moonlt; coal $2.35.

D L S 1 3 125

**NASHVILLE,** 2,135—Nashville Elec. Lt. Co.; cap. outstdg. $60,000; bds. outstdg. $37,000.
Pres. Henry A. Reither.........Nashville
V. Pres. N. F. Jones............ "
*¶ Sec., Treas., Mgr. & Cont. Agt.
K. A. Steinhauser............. "
Ch. Engr. Pwr. Sta. Henry Tharpeck...................... "

2 a. c. Westg. tot. 400 kw. 2200 v. 3 ph. 60 cys; 1 rect. 50 lt. West; trans. v lt. 6600 v. 2 ph. 60 cys; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys; 400 hp. e. St. Louis, Cor; 400 hp. b. Frost; also 20-ton ice plant.

City cont. 47 arcs Westg. 4 amp. $75 per yr; 30 Mazdas series 100 c. p. $24 per yr; moonlt. all nt; coal $1. (Also lts. Hoyleton, Addieville and Huegely.)

D I L S 2 3 ✠ 125

**NAUVOO,** 1,020—Nauvoo Elec. Lt. & Pwr. Co.; cost $20,000; bds. $4,000.
*¶ Pres. Mgr. & Cont. Agt.
Jos. Nelson ............................Nauvoo
Sec. Fred Salm. Jr................. "
Treas. J. H. Fanen................. "

Energy purchased from Mississippi River Pwr. Co.; 2 transf. G.E. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a c. day & nt. mo. cir. 110 v. s. & 3 ph. 25 cys.

City cont. 35 incs. 350 c. p. 6.6 amp. $60 per yr; mdnt.

D L 1 3 ✠ ★16

**NEOGA.** 1,074 Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. J. T. Henry ..........Neoga
Energy from Mattoon; trans. 33,000 v. 3 ph. 60 cys.
City cont. 65 tung. series 100 c. p. $18.47 per yr. all nt. & 11 P. M.
L 3 ✣ ★85

**NEPONSET,** 542—*Munic. Elec. Lt. Plant.
¶ Pres. I. H. Fields..............Neponset
Engr. Pwr. Sta. A. W. Sailer... "
1 a. c. T-H 35 kw. 1100 v. s ph. 60 cys; mdnt. mo. cir. 110 v. 60 cys; 65 hp. e. Kew; 75 hp. b. Ide.
City cont. 50 incs. 5.5 amp. 60 c. p. $12 per yr; moonlt; coal $1.90.
L S 1 ✣ 23

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Spring Valley Utilities Co. See Spring Valley.

**NEW ATHENS,** 1,131—Munic. Elec. Lt. Plant.
¶ Pres. G. C. Probst.........New Athens
Treas. Geo. Wirth, Jr....... "
*Mgr. Sam J. Woodward... "
Supt. & Engr. Pwr. Sta.
P. Darmstatter........... "
1 a. c. Westg. 150 kva. 2200 v. 3 ph. 60 cys; 1 d. c. arc Wood 40 lt; no day cir; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. e. Chuse; 300 hp. b. Brown.
City cont. 32 enc. arcs 6.6 amp; moonlt; coal $1.
L S 3 75

**NEW BOSTON,** 718—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. W. H. Dixon....New Boston
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 33 tung. series 250 & 75 w. $51 & $15 per yr.
D L 1 3 ✣ ★125

**NEWMAN,** 1,264—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. P. A. Root...........Newman
Energy from Villa Grove, 8,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 73 tung. series 32 c. p. $19 per. yr; all nt.
D L 3 ✣ 85

**NEWTON,** 2,108—Munic. Electric Lt. & Wtr. Wks. Gen. sta. at Van Buren; bds. $12,500.
Treas. Roy V. King..............Newton
*Mgr. Arthur M. Holt........... "
¶ Pur. Agt. Chas Sutton........... "
2 a.c. Royal G. E. tot. 180 kw. 1100 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 105-110 v. 60 cys; a.c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 331 hp. e. Atlas, Ideal; 250 hp b. Spgf., Atlas.
City cont; slack $1.55. (Tung. st. ltg. system.)
D L S 1 25

**NEW WINDSOR,** 750—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. W. F. Carrico..New Windsor
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 20 Mazdas 60 c. p. $19 per yr; midnt.
D L 1 3 ✣ 125

**NOKOMIS,** 1,872—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. James Kuykendall..Nokomis
Energy supplied from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 16 G.E. arcs enc. 2000 c.p. $75 per yr; moonlt. midnt.
D L 3 ✣ ★85

**NORMAL,** 4,024—Bloomington & Normal Ry. & Lt. Co. See Bloomington.
City cont. 107 series tung. 200 c. p. $52.50 per yr; moonlt.
R 16

**NORRIS,** 1,055—Canton Gas & Elec Co. See Canton.

**NORTH CHICAGO,** 3,306—Public Service Co. of Northern Illinois. See Waukegan.

**NORTH HENDERSON,** 400—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. H. E. Lindsey,
North Henderson
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
D L 1 3 ✣ 125

**OAKLAND,** 1,159—Central Illinois Public Service Co. For officers, see Mattoon.
2 a. c. G. E. tot. 160 kw. 2300 v. 3 ph. 60 cys; 10 arcs 50 lts; a. c. nt. ltg. cir. 110 v. cys; a. c. mo. cir; 200 hp. e. Chuse; 180 hp. b. Atlas, Lef; trans. volt. 6600 v. 3 ph. 60 cys.
City cont. 32 G. E. arcs series a. c. 2000 c. p. $66.72 per yr; all nt; coal $2. (Trans. to Ashmore, Kansas and Westfield.)
L S 3 ✣ ★85

**OAK PARK,** 19,444—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Supt. H. L. Judd.................Oak Park
2 a.c. Westg. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Westg. tot. 510 kw. 220 v; 2 arc 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 220 v; 500 hp. e. B. & W; 4850 hp. b. Stir; also stm. htg.
City cont. 386 enc. arcs 350 w. $49.50 per yr; 8 4-lt. clusters carbon 32 c. p. $49.50 per yr.; coal $1.60.
(This sta. also lts. Austin (Chicago) and River Forest.)
C D H L S 3 ✣ 25

**OAKWOOD,** 450—Central Illinois Elec. Co. See Buffalo.
Local Supt. E. G. C. Williams..Oakwood
a.c. day & nt. ltg. cir. 115 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 25 Mazdas 100 w. $24 per yr; moonlt.
D L 3 95

**ODELL,** 1,035—Public Service Co. of Northern Illinois. For officers, see Chicago.
Sub.-sta; energy supplied from Joliet and Blue Island.
City cont. 151 Tungstens 50 w. $60, $45 & $15 per yr; moonlt.
L ✣ 25

**ODIN,** 1,400—The Odin Coal Co.; cap. auth. $25,000; no bds.
Pres. C. H. Morrison..................Odin
*V. Pres. F. D. Secor................ "
Sec. & Treas. E. E. Fyke.......Centralia
2 d. c. Jeffrey tot. 200 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 250 v; 350 hp. e. Ridgeway; 850 hp. b. O'Brien, Allis-C.
City cont. 26 arcs $850 per yr; 300 incs; moonlt; coal.
C D L S ✣ ★125

**O'FALLON,** 2,018—Southern Illinois Lt. & Pwr. Co. For executive officers, see Hillsboro.

Local Mgr. O. A. Darrow........O'Fallon
1 a. c. Ft. Wayne 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. 110-200 v. s. & 3 ph. 60 cys; 150 hp. e. Ideal; 200 hp. b. O'Brien. Reserve plant; 33,000 v. 3 ph. 60 cys. trans. line from Collinsville.
D L S 1 3 16

**OHIO,** 527—Illinois Northern Utilities Co. For executive officers, see Dixon.
Engr. Pwr. Sta. Wm. Priebe.........Ohio
1 d. c. W. E. 50 kw. 220 v; d. c. nt. ltg. cir. 220 v; 90 hp. e. Ideal; 150 hp. b. Atlas, T. & S.
City cont. 12 arcs 6 amp. $65 per yr; 15 incs. 50 c. p. $18 per yr; moonlt; coal $2.65.
C L S ✣ 16

**OLNEY,** 5,011—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. H. E. West.............Olney
2 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; trans. volt. 33,000 v, 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 600 hp. e. Chuse; 700 hp. b. Heine.
City cont. 14 arcs enc. 2000 c. p. $65 per yr; 120 Mazdas 60 c. p. $25.50 per yr; all nt; coal $1.38; gas 16 cts. (Trans. to Bridgeport, Lawrenceville, Sumner and Claremont.)
D L S 3 ✣ ★85

**ONARGA,** 1,273—Central Illinois Utilities Co. See Paxton.

**ONEIDA,** 600—Galva Elec. Lt. Co. See Galva.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.
City cont. 53 Mazdas 32 c. p. $15 per yr; moonlt. midnt.
D L 1 ✣ 16

**OQUAWKA,** 907—*Munic. Elec. Lt. Plant.
Mgr. Chas. L. Brooks...........Oquawka
1 d. c. Jenney 33½ kw. 220 v; 75 hp. e. Mur; 125 hp. b; coal.
C L S ✣ 123w

**OREGON,** 2,180 — Illinois Northern Utilities Co. For executive officers, see Dixon.
Supt. H. E. Harnish..............Oregon
Engr. Pwr. Sta. Victor Harshman "
1 a. c. G. E. 600 kva. 2300 v. 3 ph. 60 cys; trans. 42 miles 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 220-110 v. 3 ph. 60 cys; 500 hp. e. Chuse; 360 hp. turb. (wtr.) Lef, Trump; 325 hp. b. Frmn.
City cont. 5 arcs 600 w. $48 per yr; 110 incs series 75 w. $18 per yr; all nt; coal $2.12. (Supplies energy to Amboy, Compton, Polo, Sublette, Lee Center, Franklin Grove and Mt. Morris.)
D L S W 3 ✣ 16

**OTTAWA,** 9,535—Northern Illinois Lt. & Trac. Co. Pwr. stas. at Marseilles, Ottawa & La Salle. (Part of Illinois Traction System); cap. auth. & paid in $250,000; bds. auth. $1,250,000, outstg. $265,000, 5 p. c. int.
Pres. W. B. McKinley........Champaign
V. Pres. & Mgr H. E. Chubbuck...Peoria
Sec. E. A. MacNutt.......Montreal, Can.
Treas. Edw. Woodman....Portland, Me.
¶Pur. Agt. H. J. Vance..............Peoria
Supt. L. W. Hess......................Ottawa
Ch. Elecn. Chas. Hahn............. "
2 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Allis-C, West; 400 hp. turb. (wtr.); 500 kw. turb. (stm.) Curtis; 750 hp. b. Stir.
City cont. 150 arcs — c. p. 3800 hrs. $50 per yr. (Sells energy in bulk.)
D R S W 3 ✣ 16

**PALATINE,** 1,144—Public Service Co. of Northern Illinois. See Chicago.

**PALESTINE,** 1,399—*Munic. Lt. Plant; cost $9,500; bds. $3,000.
Vil. Pres. Henry O. Smith.......Palestine
Clerk, S. H. Markee............... "
Treas. Robert Fife.................. "
Engr. Pwr. Sta. W. E. Morrison. "
1 a. c. Warren 60 kw. 2200-100 v. s. ph. 60 cys; no day cir; 100 hp. e. C. & T; 100 hp. b. Erie.
45 city arcs tung. $1,500 per yr; mdnt. all nt; coal $150 per mo.
L S 1 73w

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Central Illinois Public Service Co. See Mattoon.

**PALMYRA,** 873—Palmyra Elec. Lt. Plant; cost $5,550.
*¶ Pres., Mgr. & Cont. Agt.
H. W. Mandle....................Palmyra
1 d. c. Eddy 60 kw. 125 v; no day cir; 90 hp. e. Buffalo; 90 hp. b. Ex.
City cont. 2 arcs A. B. 6.6 amp. $72 per yr; 28 tung. 40 w. $18 per yr; midnt; coal $1.80.
C L S ✣ 125

**PANA,** 6,055—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Lurton Ackard..........Pana
3 a. c. Ft. W, G. E. tot. 360 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. 133 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 133 cys; 400 hp. e. Ide; 500 hp. b. Atlas; also stm. htg.; also receives energy from Kincaid.
City cont. 56 cluster posts, meter basis; all nt; coal $1.
D H L S 1 ✣ ★85

**PANAMA,** 1,4 0—Southern Illinois Lt. & Pwr. Co. See Hillsboro.

**PARIS,** 7,664—Munic. Elec. Lt. & Wtr. Wks.; cost $160,000.
Chmn. Simon Bisser....................Paris
City Treas. F. F. Hagar............... "
*¶ Sec. & Mgr. C. H. Lamb........... "
Ch. Engr. Bert McClure................ "
Energy purchased from Central Illinois Public Service Co.
215 city arcs.
L 25

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Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. W. H. Gaines............Paris
Engr. Pwr. Sta. H. Butler............ "
3 a. c. G. E. Stan. tot. 890 kw. 2300 v. 2 & 3 ph. 60 cys; 1 d. c. G. E. 150 kw. 550 v; 3 rect. G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440v. s. & 3 ph. 60 cys; d. c. mo. cir. 550 v. (ry.); 800 hp. e. Chuse, Bckye; 500 kva. stm. turb. G. E, McE; 750 hp. b. Heine, Gary; also stm. htg; plant held in reserve; purchases energy.
City cont. 188 magn. arcs; meter basis; all nt. (Sells energy in bulk to city.)
C D H S 1 2 3 ✣ ★85

**PARK RIDGE,** 2,009—Public Service Co. of Northern Illinois. See Chicago.

**PAWNEE,** 1,399—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Wm. Pierce..........Pawnee
Energy from Kincaid; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 16 arcs 2000 c. p. $75 per yr; all nt; moonlt.
D L 3 ✣

**PAXTON,** 2,912—Central Illinois Utilities Co. Offices, Monadnock Bldg., Chicago and Paxton. (Operates gen. stas. at Watseka, Paxton, Gibson City and Fairbury; for other cities and towns served see list given below. Subsidiary of the Middle West Utilities Co.); cap. $1,000,000.

Pres. L. E. Myers..................Chicago
*V. Pres. L. N. Boisen.......... "
¶Sec. & Treas. C. P. Hill.........Paxton
Gen. Supt. S. P. Evilsizor........ "
Local Supt. O. C. Van Cleave...... "

3 a. c. G. E. tot. 470 kw. 2200 v. 3 ph. 60 cys; 2 G. E. rect. 75 lt; trans. 33,000 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. ltg. & mo. cir. 230 v. 3 ph. 60 cys; 600 hp. e. Bass, Ideal; 475 hp. b. Freeman; also stm. htg.

City cont. 62 arcs magn. 4 amp. $60 per yr; moonlt; all nt; screenings $1.50–$2.10. (Also serves Forrest, Chatsworth, Gilman, Onarga, Piper City, Saybrook, Arrowsmith, Elliott, Loda, Buckley, Delrey, La Hogue, Crescent City, Sheldon, Milford, Ridgeville, Melvin, Guthrie, Thawville, Danforth, Ashkum, Clifton and Chebanse.)

D H N S 3 ✠ ★85

**PECATONICA,** 1,022—Pecatonica Elec. Lt. Co; cost $16,000.

Pres. & Mgr.
A. W. Waterstreet..........Pecatonica
Engr. Pwr. Sta. Wm. Pfieffer. "

2 a. c. G. E. tot. 150 kw. 1100 v. s. ph. 125 cys: a. c. nt. ltg. cir. 110 v. 125 cys; 165 hp. e. Rice, F. & S.; 180 hp b. Chicago, Murray.

City cont. 43 incs. "C" (40-250 c. p., 3 100 c.p.) tot. $125 per mo; moonlt; coal $2.22.

L S 1 ✠ 125

**PEKIN,** 9,897—Central Illinois Lt. Co. For executive officers, see Peoria.

Supt. F. C. Heiple...................Pekin

3 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. arc G. E. 180 lt; 1 d. c. rect. G E. 50 lt; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 60 cys; 750 hp. e. St. Louis, Ide; 1180 hp. b. Stir; also stm. htg.

City cont. 181 arcs G. E. magn. 4 amp. $65 per yr; 31 incs. 32 c. p. $12 per yr; coal $1.25. (Supplies energy to Elmwood and Princeville.)

D H L S 1 3 16

**PEORIA,** 66,950—Central Illinois Lt. Co. Office, 316-20 So. Jefferson Ave., Peoria. (Operates gen. stas. at Pekin, Elmwood and Peoria; for other cities and towns served, see list given below.) cap. $7,500,000; bds. $2 750,000.

Pres. B.C. Cobb........ { 14 Wall St.,
V. Pres. W.H.Barthold { New York,N.Y.
V. Pres. & Mgr. R. S. Wallace....Peoria
*Sec. E. E. Corken................ "
Treas. T. A. Schlink.............. "
Cont. Agt. T. D. Buckwell......... "
¶ Pur. Agt. H. N. Remington....... "
Dist. Supt. J. R. Yocum .......... "
Supt. L. Owen..................... "
Supt. of Stm. Htg. Dept.
H. R. Wetherell .................. "

6 a. c. G. E, Allis C. tot. 12,500 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 500 kw. 500 v; a. c. day & nt. ltg. cir. 105 v. 60 cys; a.c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 500 v; trans. 6600-13,200 v. 3 ph. 60 cys; 1400 hp. e. Allis C; 10,500 kw. stm. turb. Allis-C, G. E; 5300 hp. b. Oil City; 300 kw. 500 v. stor. bat. E. S. B.; also stm. htg; trans. from this sta. to Eureka, Farmington, Elmwood, Princeville, Roanoke and Washington.

City cont. 1000 enc. arcs series 7.5 amp. $60 per yr; all nt; screenings, $1.25. (Co. also serves Cuba, Douglas, East Peoria, Eureka, Fairview, Farmington, London, Mills, Maquon, Metamora, Princeville, Rapatee, Roanoke, Washington and Yates City.)

C D H L S 1 3 16

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Illinois Traction System embraces the following companies: Bloomington, Decatur & Champaign R. R., Chicago, Ottawa & Peoria Ry. Co., Danville & Eastern Illinois Ry. Co., Danville & Southeastern Ry. Co , Illinois Central Trac. Co., St. Louis, Springfield & Peoria R. R., Danville, Urbana & Champaign Ry. Co., Bloomington & Normal Ry. & Lt. Co., Cairo Ry. & Lt. System (inc. Cairo Elec. & Trac. Co. and Cairo & St. Louis Ry Co.), Citizens Ltg. Co. (La Salle), Clinton Gas & Elec. Co., Danville St. Ry. & Lt. Co., Decatur Ry. & Lt. Co., Jacksonville Ry. & Lt. Co. (Inc. Jacksonville Gas & Elec. Co., Jacksonville St. Ry. Co.) Madison County Lt. & Pwr. Co. (Granite City), Monticello Elec. Lt. & Pwr. Co., Mound City Lt. & Wtr. Co., Northern Illinois Lt. & Trac. Co. (Ottawa), Peoria Ry. Co., Quincy Ry. Co., Urbana & Champaign Ry., Gas & Elec. Co., Urbana Lt., Ht. & Pwr. Co., Galesburg Ry., Ltg. & Pwr. Co., Consumers' Wtr. & Lt. Co. (Marseilles), Prairie City (Ia.) Elec. Co., Atchison (Kans.) Ry., Lt. & Pwr. Co., The Topeka (Kans.) Edison Co., The Topeka Ry. Co., Wichita (Kans.) R. R. & Lt. Co., Colfax (Ia.) Elec. Lt. Co., Des Moines (Ia.) Elec. Co., Montezuma (Ia.) Elec. Lt., Pwr. & Htg. Co., New Valley Junction (Ia.) Wtr. & Lt. Co., Oskaloosa (Ia.) & Buxton Elec. Ry. Co., Oskaloosa Trac. & Lt. Co , Jefferson City (Mo.) Bridge & Transit Co., Jefferson City Lt., Ht. & Pwr. Co., St. Louis Elec. Term. Ry. and Omaha (Nebr.) & Lincoln Ry. & Lt. Co. (Plans for merging the Western Rys. & Lt. Co. with the Illinois Traction System have been approved by the stockholders of both companies); cap. outstg. $9,984,900 (com.), $6,820,200 (prfd.)

Pres. W. B. McKinley........Champaign
V. Pres. & Treas. G. M. Mattis "
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. MacNutt........Montreal, Can.
Asst. Treas. W. H Carnahan..Champaign
Asst. to V. Pres. Exec. E. W. Fowler. Peoria
Audr. B E. Bramble..........Champaign
¶ Pur. Agt. H. J. Vance............Peoria
Ch. Oper. Engr. R. Carley.......... "
*Mgr. Dept. Publicity E. E. Soules "

★16

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Western Rys. & Lt. Co. Office, Peoria. (Controlled by same interests as the Illinois Trac. System.) (Plans for merging this company with the Illinois Traction System have been approved by the stockholders of both companies.)

Pres. W. B. McKinley........Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
V. Pres. Geo. F. Duncan...Portland, Me.
Sec. E. A. MacNutt.......Montreal, Can.
Treas. W. H. Carnahan........Champaign
¶ Pur. Agt H. J. Vance.............Peoria
Ch. Oper. Engr. R. F. Carley....... "

16

**PEOTONE,** 1,207—Peotone Elec. Co.; cap. $10,000.

Pres. W. Yung...................Peotone
*¶ Mgr. E. H. Fedde............. "
Engr. Pwr. Sta. C. A. Stewart.... "

Energy purchased from Chicago & Interurban Ry. Co.; 3 transf. Wagner tot. 60 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys: a. c. day & nt. mo. cir 110-220 v. s. & 3 ph. 25 cys.

City cont. 60 incs. series 100 c.p: moonlt.

D L 1 3 ✠ 75

**PERU,** 7,984—Munic. Elec. Lt. Plant; cost $150.000; bds. $1,000.

Mayor, J. J. Massieon................Peru
*¶ Supt. Chas. Bensel............... "
Ch. Engr. Lonis Wecker.............. "
Engrs. Pwr. Sta. { G Ruppert....... "
{ Fred Krause...... "

1 a. c. turbo-gen. Westg. 250 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 400 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 400 hp. e. Bckye, Bates; 600 hp. b. Kew, Frost.

1200 city incs. 40, 60 & 100 w; all nt; coal $2.15.

C D L S 1 3 ★125

**PETERSBURG,** 2,587—The Abbott Lt. & Pwr. Co. Office, 110 N. First St.; cap. outstg. $300,000.

*¶ Pres., Mgr. & Cont. Agt.
R. H. Abbott................Petersburg
Sec. & Supt. Ovhd. Distrbn.
I. R. Abbott................ "
Treas. & Audr. A. E. Abbott..Mason City
Ch. Engr. J. B. Trigg...........Petersburg
Engr. Pwr. Sta. John Ackerman "

3 a. c. Westg. tot. 500 kw. 2300 v. 3 ph. 60 cys; trans. 16,500 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 600 hp. e. Bates, Ide; 500 hp. b. Springfield, Ames; also stm. htg.

City cont. 250 incs. "C" 400, 250, 100, 80, 50 & 82 c.p.; moonlt. all nt; screenings $1.25. (Co. also serves Ashland, Mason City, Tallula, New Holland, Sweetwater and Hubly.)

D H L S 1 3 ✢ ★125

**PINCKNEYVILLE,** 2,722—Pinckneyville Lt., Ice & Pwr. Co; cap. $20,000; no bds; cost $45,000.

Pres. H. R. Schulze.........Pinckneyville
V. Pres. Jos. Ismert......... "
*¶ Sec., Treas., Mgr. & Cont. Agt.
E. K. Kane.................. "
Engr. Pwr. Sta. Clyde Lemmen. "
Asst. Engr. Elmer Dry...... "

2 a. c. Ft. W. tot. 200 kw. 2300-110 v. 2 ph. 60 cys; no day cir; 300 hp. e. Bates, Erie; 250 hp. b. Erie; also ice plant.

City cont. 31 arcs Ft. W. 400 w. $72 per yr; 4 incs. 60 w. $1.50 per yr; moonlt; coal $1.15.

I L S 2 125

**PIPER CITY,** 663 — Central Illinois Utilities Co. See Paxton.

2 transf. West. 50 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 60 incs. series & mult. (14-40 c. p. 46-60 w.) tot. $930 per yr; moonlt.

D L 3 85

**PITTSFIELD,** 2,095—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. E. B. Doocy.........Pittsfield

Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 29 arcs 480 w; 3 incs. 50 c. p; moonlt. mdnt. (Trans. to Maysville.)

D L 3 ✢ ★85

**PLAINFIELD,** 1,019—Public Service Co. of Northern Illinois. See Chicago.

**PLANO,** 1,627—Illinois Northern Utilities Co. See Dixon.

Energy from Public Service Co. of Northern Illinois, also from co.'s transmission system 33,000 v.

City cont. 140 incs. "C" 80 c.p. $23 per yr; moonlt.

L 16

**POLO,** 1,828—Illinois Northern Utilities Co. For officers, see Dixon.

Energy from Oregon 13,200 v; from Dixon 33,000 v.

City cont., 108 incs. 75 w. $18 per yr; 8 incs. 250 w; moonlt.

L ✢ 16

**PONTIAC,** 6,090 — Public Service Co. of Northern Illinois. For executive officers, see Chicago.

Supt. V. V. Parshall..............Pontiac

2 a.c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; 3 d.c. G.E. tot. 350 kw. 550 v; a.c. day & nt. ltg. cir. 115 v. 60 cys; d. c. day ltg. cir 500 v; d. c. pwr. cir. 500 v; 1050 hp. e. Ide, West; 690 hp. b. Stir; stm. htg; energy also from Joliet.

City cont. 612 tung. 250, 100, 75, 60 & 40 w. $48, $24 and $15 per yr; all nt; coal.

C D H L S 3 25

**POTOMAC,** 488—R. C. Wilson & Co. Elec. Lt. Plant.

*¶ Pres., Mgr. & Cont. Agt.
R. C. Wilson.....................Henning
V. Pres. A. P. Holomuth........ "
Supt. & Ch. Engr. W. P. Smith..Potomac

1 d. c. arc Ft. W; 1 a. c. Westg. 1050-109 v. s. ph. 133 cys; 90 hp. e. Chuse; 100 hp. b. Erie.

City cont. 24 incs. series 60 w; moonlt. 11 P. M; coal $1.98. (Co. also lts. Henning.)

L S 1 23

**PRINCETON,** 4,131—*Munic. Elec. Lt Plant; cost 40,000; bds. $14,000.

¶ Supt. W. I. Kendall...........Princeton
Engrs. Pwr. Sta. { E. E. Gross........ "
Ernest Maycox.... "
John C. Powell.... "

2 a. c. Ft. W. tot. 235 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 320 hp. e. Erie; 450 hp. b. Kewanee.

505 city Tung 3.5 amp. 40 w; mdnt. moonlt; coal $2.50.

D L S 3 14

**PRINCEVILLE,** 785—Central Illinois Lt. Co. For officers, see Peoria.

Energy from Peoria and Pekin; trans. volt. 13,000 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. ph. 60 cys.

City cont; moonlt.

D L 1 16

**PROPHETSTOWN,** 1,083 — Illinois Northern Utilities Co. For executive officers, see Dixon.

*Supt. R. W. Olmstead....Prophetstown

Energy from Sterling; trans. volt. 33,000 v.

City cont. 57 incs. 40, 60 & 100 w. $15, $30 & $36 per yr; mdnt. moonlt.

L ✢ 16

**QUINCY,** 36,587—Quincy Gas, Elec. & Htg. Co. Office, 422 Maine St. (Operates the Thomson-Houston Elec. Lt. & Pwr. Co., Quincy Steam Ht. & Lt. Co., Quincy Gas Lt. & Coke Co., and Empire Lt. & Pwr. Co.) Controlled by the National Gas, Elec. Lt. & Pwr. Co.; cap. $2,000,000; bds. $1,500,000.

Pres. Jas. T. Lynn.........Detroit, Mich.
V. Pres. Dr. J. H. Rice..............Quincy
Sec. V. N. Gurney...........Detroit, Mich.
¶ Treas. A. L. Wilkinson... " "
*Mgr. H. O. Channon..............Quincy
Supt. & Engr. Pwr. Sta.
E. A. Richmond.................. "

2 a. c. G. E. tot. 1400 kw. 2080 v. 3 ph. 60 cys; 2 d. c. G. E, Natl. tot. 550 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 25 & 60 cys; d. c. pwr. cir. 500 v; trans. 33,000 v. 3 ph. 25 cys; 2000 hp. e. F. & S, Allis-C; 3200 hp. b. Wickes; 35 kw. stm. turb. G. E; also purchases energy from Mississippi River Pwr. Co.; 3 transf. G. E. tot. 4500 kw; 2 mo. gen. G. E, Natl. tot. 550 kw; 2 freq. changers G. E. tot. 1800 kw; also stm. htg.

City cont. 502 G. E. arcs 7.5 amp. $52.50 per yr; moonlt; coal $1.60.

C D H L S 3 ✢ 125

**RANKIN,** 853—Rankin Electric Light Co.; cap. outstg. $5,000.
*¶Pres. & Mgr. Chas. J. Crump..Rankin
V. Pres. Chas. Morrow............ "
Treas. Catherine Crump......... "
Ch. Engr. Chas. C. Crump......... "

2 a. c. F. M. & Co. tot. 62 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 2 F. M. & Co. oil engines.

City cont. 30 incs. "C" 100 c. p. $24 per yr; midnt; oil 5 cts. per gal. (Also lts. East Lynn.) (Installing 2-ton ice plant.)

D G L 1 3 ✠ ★125

**RANTOUL,** 1,384 — *Munic. Elec. Lt. Plant. (Leases Rantoul Wtr., Lt. & Pwr. Co.); cost $30,000; bds. auth. $13,000; outstg. $10,400, 5 p. c. int
Pres. S. S Smith..................Rantoul
¶ Sec. E. V. More................ "
Treas. F. M. Avey................ "
Mgr. & Supt. C. E. O'Donnell.. "
Ch. Engr. & Ch. Elecn. O. T. Oleson........................ "

2 a.c. Ft. W. tot. 125 kw. 1100-50 v. s. ph. 140 cys; 220 hp. e. Bckye; 200 hp. b. Rumsey.

1 city arc 1200 c. p; 2600 com. incs. 16 c. p. $6 per yr. 10 cts. per kw; moonlt. mdnt; coal $2.03.

L S 1 127

**RAYMOND,** 881—Southern Illinois Lt. & Pwr. Co. See Morrisonville.

a. c. day cir. 104 v. 60 cys.

City cont. 69 Tung. 60 c. p. $24 per yr; all nt.

D L X ✠ 16

**RED BUD,** 1,240 — *Munic. Elec. Lt. Plant; cost $8,750.
¶ Mgr. & Ch. Elecn. —— ——..Red Bud

1 a. c. Warren 60 kw. 2200-110 v. s. ph. 60 cys: no day cir; 125 hp. e. Ide; 125 hp. b. Erie.

18 city arcs 2000 c.p., 45 city incs. 60 c.p.; mdnt. moonlt; coal $1.50.

L S 1 73

**RIDGEFARM,** 967—Danville St. Ry. & Lt. Co. See Danville.

City cont. 25 arcs $60 per yr; 31 incs. 50 c. p. $24 per yr; moonlt.

L ✠ 16

**RIO.** 600—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. B. E. Frankenberger.....Rio

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. — Tung. 40 w. $12 per yr.

D L 1 3 ✠ 125

**RIVER FOREST,** 2,456—Public Service Co. of Northern Illinois. See Oak Park.

**RIVERSIDE,** 1,702 — Public Service Co. of Northern Illinois. See Blue Island.

**ROANOKE,** 1,311—Central Illinois Lt. Co. For executive officers, see Peoria.
Supt. E. E. Hussman..............Roanoke

Energy supplied from Peoria sta; 1 transf. Ft. W. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 33 Tung. series 200 & 40 c. p. $50 & $21 per yr; moonlt. 1.30 a. m.

D L X ✠ 16

**ROBERTS,** 466—*Munic. Elec. Lt. Plant; cost $6,000.
Vil. Pres. O. J. Roberts..........Roberts
Clerk, John C. Zahn............. "
Treas. Chas. Kinlands............ "
Mgr. & Engr. Pwr. Sta. S. S. Neuman................... "
¶ Pur. Agt. A. E. Gullett......... "

2 d. c. Ft. W. tot. 275 amp. 112-125 v; 5 hr. stor. bat. U. S. Ltg. & Htg. Co.; d. c. day & nt. ltg. cir. 110 v; 45 hp. e. (gas) I. H. C.

31 city incs. 100 w; oil and gasolene, 7½ cts. & 12 cts.

C D G L 74

**ROBINSON,** 3,863 — Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. E. H. Cavanaugh...Robinson
Engr. Pwr. Sta. W. E. Bussard.. "

2 a. c. Ft. W. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60. cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. (oil) Diesel.

City cont. 60 enc. arcs G. E. 2000 c. p. $60 per yr; moonlt; oil 4 cts.

D G L S 3 ✠ 85

**ROCHELLE,** 4,000 — Munic. Elec. Lt. Plant; cost $45,000; bds. outstg. $5,000.
Mayor, Wilbur B. McHenry.....Rochelle
City Clerk, W. H. Williams...... "
City Treas. J. A. Herrmann...... "
*Supt. Chas. F. Lathrop......... "
Engr. Pwr. Sta. Ole Rodge...... "

2 a. c. Ft. W. tot. 250 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 450 hp. e Watertn, Bates, Cor; 450 hp. b. Kew.

28 city arcs G. E. series 6.6 amp; 100 city incs. series 80 c. p; moonlt. 1.30 A. M; coal $2.57.

D L S 1 3 25

**ROCK FALLS,** 2,657—*Municipal Elec Lt. Plant; cost $20,000; bds. $7,000.
Sec. P. H. Davis.................Rock Falls
*Mgr. R. E. Johnston.......... "
Supt. Ch. Engr. & Elecn. O. M. Aarvig "

1 a. c. G. E. 185 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v.; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 375 hp. e. Chuse; 400 hp. b. Frmn.

30 city arcs: 100 city incs. 32 c. p; moonlt; screenings, $2.

D L S 3 ★16

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Northwestern Barb Wire Co. Office Sterling. (Formerly Sterling Hydraulic Co.) (Pwr. plant at Rock Falls); cap. $175,000.
Pres. W. M. Dillon,..............Sterling
*¶ Sec. Mgr. & Cont. Agt. Paul W. Dillon.................. "
Engr. Pwr. Sta. W. J. Swartz..Rock Falls

2 a. c. West. Minpl. tot. 300 kw. 220-1100 v. 3 ph. 60 cys. 1600 hp. e. Rus, Atlas, Ideal: 1200 hp. b. Stirling; 300 hp. turb. (wtr.) (Sells energy for motors only.)

S T W 3 75

**ROCKFORD,** 45,401—Rockford Elec. Co. (Owns Central Ht. & Pwr. Co. and is controlled by American Gas and Elec. Co., 30 Church St., N. Y. City.)
Pres. R. E. Breed.......New York, N. Y.
V. Prests. { Geo. N. Tidd...... "
V. Prests. { Gen. Mgr. Adam Gschwindt. Rockford
Sec. & Treas. F. B. Ball New York, N.Y.
Cont. Agt. A. C. Martin........Rockford
Supt. R. M. Bert................ "
Engr. Pwr. Sta. J. F. Hardman. "

2 d. c. G. E. tot. 1050 kw. 550-220 v; 3 a. c. G. E. tot. 12,250 kw. —— v. 3 ph. 60 cys; 4 arc G. E. Brush. tot. —— lt; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; d.c day & nt. ltg. cir. 220-110v; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 220 v; 1700 hp. e. Bates, McI. & S: 10,000 kw. turb. (stm.) G. E; 1000 hp. turb. (wtr.) Dayton, Leffel; 4632 hp. b. Heine. Sterling; 800 amp. hrs. stor. Bat. E. S. B. 116 v; trans. 13,200 v. 3 ph. 25 cys; also stm. htg.

City cont. 590 a.c. series arcs 2000 c. p. $52 per yr; all nt; coal. (Also sells energy to street rys.)
C D H L S W 1 3 26

**ROCK ISLAND**, 24,335—Peoples Pwr. Co. See Moline.

**ROODHOUSE**, 2,171—Central Illinois Public Service Co. See Mattoon.
Energy from Beardstown and Hull; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys
City cont. 9 G. E. enc. arcs 2000 c. p. $78 per yr; 50 tung. 50 c.p. $36 per yr; 6 tung. 32 c. p. $25 per yr; moonlt. all nt.
D L 3 ✣ ★85

**ROSEVILLE**, 882 — Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Leroy Dilley........Roseville
Engr. Pwr. Sta. H. Collister.... "
1 d. c. Northern 75 kw. 220 v; d. c. ltg. & mo. cir. 220 v; 125 hp. b. Frost; also stm. htg.
City cont. 3 arcs T. H. $60 per yr; 33 incs 32 c. p. $18 per yr; moonlt; coal $1.52.
C H L S ✣ 85

**ROSSVILLE**, 1,422—Rossville Elec. Lt. Co. (Owned by John Maury Estate); cap. $18,000.
*Ch. Engr. & Elecn. I. Phebus..Rossville
Energy purchased from Hoopeston Gas & Elec. Co.; 40 transf. Ft. W. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 70 Tungsten series 50 & 60 w. $24 per yr; moonlt. all nt.
D L 3 ✣ 26†

**RUSHVILLE**, 2,422 — Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. James Henry.......Rushville
Engr. Pwr. Sta. W. H. Greenups "
2 a. c. Ft. W. tot. 180 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 110-220 v. s. ph. 60 cys; 250 hp. e. Bates; 270 hp. b. Frost; also receives energy from Beardstown and Macomb.
City cont. 45 arcs enc. 2000 c. p. $60 per yr; moonlt. all nt; coal $2.18.
D L S 1 ✣ 85

**RUTLAND**, 754—Public Service Co. of Northern Illinois. For officers, see Chicago.
Energy from Joliet.
City cont. 62 Tungstens 75 w. $43 & $34 per yr; mdnt.
L ✣ 25

**ST. ANNE**, 1,065—Public Service Co. of Northern Illinois. For officers, see Chicago.
1 d. c. C-W 65 kw. 220 v; no day cir; 100 hp. e. Ideal; 100 hp. b. Erie, C.
City cont. 21 arcs A. B. $48 per yr; moonlt. mdnt; coal $1.85.
C L S ✣ 25

**ST. CHARLES**, 4,046—*Munic. Elec. Lt. Plant; cost $125,000.
Supt. Geo. Allen..............St. Charles
2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; 400 hp. e. Ball; 450 hp. b. Lyons Boiler Wks.
City cont. 600 st. series Mazdas and "white way" system; coal $2.35.
D L S 3 ✣ 23

**ST. ELMO**, 1,227—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. B. E. Muma..........St. Elmo
Engr. Pwr. Sta. J. E. Anoe..... "
2 d. c. G. E. tot. 90 kw. 110-220 v; d. c. nt. ltg. cir. 110 v; d. c. nt. mo. cir. 110-220 v; 175 hp. e. Atlas; 300 hp. b. Atlas; also 20-ton ice plant (De La Vergne).
City cont. 26 magnetite arcs $62 per yr; all nt. moonlt; coal $1.55.
C I L S ✣ 85

**ST. JOSEPH**, 681 — Central Illinois Elec. Co. For officers, see Buffalo.
Local Supt. T. E. Stevens.....St. Joseph
a. c. day & nt. ltg. cir. 115 v 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 40 incs. Tung. 100 w. $22.50 per yr.
D L 3 ✣ 85

**SALEM**, 2,669—Munic. Elec. Lt. Plant; P. O. Box 342; cost $40,000.
Mayor, Frank Schwartz............Salem
*Clerk, J. C. Whitson.............. "
Treas. Henry Kaufman.......... "
Supt. Ovhd. Distr. W. F. Hines.... "
Engr. Pwr. Sta. C. A. Neals........ "
2 a.c. G. E. Westg. tot. 200 kw. 2800 v. 3 ph. 60 cys; 1 d. c. rect. Westg. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 400 hp. e. L. & B, A. & S; 300 hp. b. Springfield, C. & T.
18 city arcs Westg; 250 Tung; moonlt; coal.
D L S 1 3 75

**SANDWICH**, 2,557—Illinois Northern Utilities Co. See Dixon.
Energy from Public Service Co. of Northern Illinois, also from company's transmission system 33,000 v.
City cont. 175 incs. 40 w. $17 per yr.
L 16

**SAVANNA**, 3,691—Peoples Gas & Elec. Co. Office, 1214 Main St.; cap. outstdg. $74,000; bds. $65,000.
Pres. A. P. Woodruff............Savanna
V. Pers. W. W. Gillespie........ "
Sec. P. M. Ferguson............ "
Treas. W. S. Wallace........... "
*Mgr. F. P. Bowen.............. "
Audr. Lawrence Miles........... "
Engr. Pwr. Sta. E. S. Dunning.. "
2 rect. Westg. 50 lt; 3 a. c. West. Allis C. tot. 525 kw. 1150 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 700 hp. e. Allis-C, F. & S; 750 hp. b. Lyons, Star.
City cont. 40 arcs metallic flame $70 per yr; 38 tung. 100 w. $24 per yr; moonlt. all nt; coal $2.60. (Also lts. Sabula, Iowa.)
D L S 2 ✣ 125

**SAYBROOK**, 805—Central Illinois Utilities Co. For executive officers, see Paxton.
Local Supt. Scott Haven.........Saybrook
L 85

**SEATON**, 800—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. C. A. McKamy........Seaton
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. — Tung. 60 c. p. $19 per yr; mdnt.
D L 1 3 ★125

**SEATONVILLE**, 1,370—Spring Valley Utilities Co. See Spring Valley.

**SESSER**, 1,292—Tyrone Electric Co. See Christopher.

**SHAWNEETOWN**, 1,863 — *Munic. Elec. Lt. Plant.
Supt. Geo. E. Porter........Shawneetown
Ch.Engr.&Elecn.Chas.Knight "
— d.c. W. E. 100 kw; no day cir; 150 hp. e. Chuse; 250 hp. b. Atlas.
City cont. 28 arcs — c. p. $66 per yr; moonlt; coal 85 cts.
C L S 14w

**SHEFFIELD,** 1,009—Consolidated Lt. & Pwr. Co. See Kewanee.

a. c. day & nt. ltg. cir 110 v.

City cont. 2 arcs and 57 incs. 32 c. p. 83¾ cts. per mo; moonlt.

D L ✣ 124

**SHELBYVILLE,** 3.590—Munic. Elec. Lt. Plant. Office, N. Morgan St.; no bds.
*¶ Mgr. Cont. Agt. & Supt.
H. R. Brown....................Shelbyville
Engr. Pwr. Sta. Jno. Parker.. "

4 a. c. G. E. tot. 480 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. 133 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 133 cys; 490 hp. e. Chuse, N. Y. Safety; 450 hp. b. Atlas.

City Tungstens 100-60 w; all nt; coal $1.30.

D L S 1 ✣ 25

**SHELDON,** 1,143—Central Illinois Utilities Co. See Paxton.

2 transf. G. E. tot. 100 kw; a. c. day & nt. ltg. cir. 115 v: a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 3 arcs mult. 6 amp. $— per yr; 102 incs. mult. 60 w. $— per yr; moonlt. mdnt.

D L 3 ✣ 85

**SHERRARD,** 906 — Sherrard Electric Power System; cost $13,500.
*Propr. D. W. Bowen............Sherrard

Purchases energy from Edwards River Pwr. Co.; 1 transf. Duncan 50 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 25 cys.

City cont. 30 incs. 40 w. $18 per yr; 11 P. M. (Also lts Preemption; has rural system.)

D L I ✣ 16

**SILVIS,** 1,163—Peoples Pwr. Co. See Moline.

**SORENTO,** 1,018—Sorento Elec. Lt. Co.
*Owner, H. W. Smith..............Sorento

1 d. c. G. E. 80 kw. 250 v; d. c. nt. ltg. cir; 125 hp. e. Ide; 150 hp. b. O'Brien.

City cont. 6 Mazdas 500 w. $72 per yr; 29 Mazdas 100 w. $24 per yr; moonlt; screenings $1.80.

C L S ✣ 125

**SOUTH BELOIT,**—South Beloit Wtr. Gas & Elec. Co., Office, Wheeler Ave., So. Beloit; cap. $10,000.
Pres. B. F. Lyons..............Beloit Wis.
V. Pres. E. G. Cowdery..........Chicago
Sec. J. W. Amend ..............So. Beloit
Treas. H. A. von Oven.......Beloit, Wis.

Energy purchased from Beloit (Wis.) Wtr., Gas & Elec. Co; 24 transf. West tot. 662 kw: a. c. day & nt. ltg. cir. 116 v; a. c, day & nt. mo. cir 232 v. 3 ph. 60 cys.

7 com. arcs. G. E. 7.5 amp. $50 per yr. 1 A. M.

D L 3 ★95

**SOUTH ELGIN,** 580—South Elgin Elec. Lt. Plant.
Owner, V. W. Panton..........So. Elgin
*Supt. F. O. Panton............ "

1 a. c. T-H 35 kw. 2200-110 v. s. ph. 133 cys; no day cir; 80 hp. turb. Smith.

City cont. 50 incs. 32 c. p. $12 per yr; moonlt.

L W 1 ✣ 25

**SOUTH HOLLAND,** 1,065—Public Service Co. of Northern Illinois. See Chicago.

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Munic. Street Ltg. System.

Energy purchased from The Sanitary District of Chicago.

L §16†

**SOUTH WILMINGTON,** 2,403—Public Service Co. of Northern Illinois. See Joliet.

**SPARTA,** 3,081—Sparta Gas & Elec. Co.; cap. stk. $25,000.
*¶Pres. & Mgr. C. R. Gough...... Sparta
Sec. & Treas. M. H. Gough........ "
Engr. Pwr. Sta. Thos. Blair........ "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Por-A. Ideal; 230 hp. b. Brnl, Rohan; 10-ton ice plant.

City cont. 15 tungs. 400 w. $75 per yr; 100 incs. 40 w. $15 per yr; all nt; screenings 75 to 90 cts.

D I L S 3 ✣ 125

**SPRINGFIELD,** 51,678 — Springfield Gas & Elec. Co. Office, 400 E. Monroe St. (Controlled by the Springfield Ry. & Lt. Co. which is controlled by the Union Ry., Gas & Elec. Co.); cap. $3,000,000; bds. $1,500,000.
Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Pres. A. D. Mackie.........Springfield
Sec. E. L. Maxwell............ "
Treas. E. L. Sturtevant........ "
Audr. F. A. Lee................ "
¶ Pur. Agt. L. T. Babcock.... "
Ch. Engr. C. A. Crytser....... "

4 a. c. G E. tot 4100 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 1200 kw. 525-575 v; trans. 6600 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v; d. c. day & nt. mo. cir. 220 v: 8250 hp. e. Ide, Fulton; 4800 hp. b. Bab. & W. Stir, Spfd; also stm. & hot water htg.

Coal $1. (Co. also sells energy to Springfield Consol. Ry. Co.) (Will also lt. Rochester.)

C D H L S 3 ✣ 75

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Municipal Elec. Lt. Plant. Office, City Hall.
Mgr. W. J. Spaulding...........City Hall
¶Pur. Agt. Emil Smith......... "
*Supt. Jas. E. Dalby......1157 No. 3d St.
Ch. Engr. Eilert Wieties..1101 E. Reservoir

1 a. c. W. E. 150 kw. 2300 v. 3 ph. 60 cys: 8 arc Std. tot. 600 lts; 2 rect. G. E. tot. 62 kva; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c day & nt mo. cir. 220 v. 3 ph. 60 cys; 750 hp. e. Bckye; 900 hp. b. Spgf.

600 city arcs W. E. carbon enc. 2000 c p; 75 incs. 6.6 amp. 400 c.p; 89 incs. 20 amp. 400 c.p; 320 incs. 220 v. 100 w; all nt; screenings $1.025.

D L S 3 ★125

**SPRING VALLEY,** 7,035—Spring Valley Utilities Co. Cap. $800,000.
Pres. C. Brown......................Wyanet
V. Pres. H. E. Brown............Geneseo
*¶Sec., Mgr. & Cont. Agt.
R. W. Brown.............Spring Valley
Treas. C. H. Brown..............La Salle

Energy purchased from Northern Illinois Lt. & Trac. Co; 1 West. rect. 50 lt; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 90 arcs 1200 c. p. $69 per yr; 300 incs. 50 w. series 40 c. p. $15 per yr. (Co. also lts. Buda, Webster Park, Marquette, Dalzelle, Cherry, Lamoille, De Pue, Bureau, Seatonville, Neponset, Malden, Zearing, Mineral, Anawan, Dover, Arlington, Hollowayville and Tiskilwa; sells in bulk to Municipality of Ladd and Wyanet Elec. Lt. Co)

D L 1 ★125

**STAUNTON,** 5,048—Munic. Elec. Lt. Plant; cost $30,000; bds. outstg. $1,000, 6 p. c. int.
Mayor, R. H. Tate..............Staunton
*Chmn. Lt. Comn. J. P. Jones.. "
City Clerk, Henry W. Fritz..... "
Supt. Chas. F. Schnaare..... "

2 a. c. —— kw. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

20 city arcs Flaming 500 c. p. $50 per yr; 81 Tung. 250 w. $40 per yr; moonlt; coal $1.47-$1.62.
D L S 1 74

**STEELEVILLE,** 708—Steeleville Elec. Lt. & Pwr. Plant; cap. auth. $4,000.
*Owner & Mgr. F. W. Thies...Steeleville
1 d. c. G. E. 37½ kw. 250 v; d. c. nt. ltg. cir. 220 v; 40 hp. e. Johnson; —— hp. b. O'Brien.
City cont. 38 incs. $2 per mo; 11 P. M; coal.
C L S 25

**STEGER,** 2,161—Public Service Co. of Northern Illinois. See Blue Island.

**STERLING,** 7,467—Illinois Northern Utilities Co. For executive officers, see Dixon.
Supt. G. B. Fluehr...............Sterling
HYDRO-ELECTRIC STATION; 1 double current Stan. 300 kva. 3 ph. 25 cys. 366 v. a. c. 600 v. d. c; 2 a. c. West. tot. 600 kva. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v. 3 ph. 60 cys; 450 hp. e. Ball; 170 hp. turb. (wtr.) Samson, Stillwell, Bierce; 185 hp. b. Kew, Star, Scotch.
FOURTEENTH AVE. STATION; 2 a. c. G. E. West. tot. 500 kva. 2300 v. 3 ph. 60 cys; 790 hp. e. Allis-C, Ames; 400 hp. b. Stir.
GOVERNMENT DAM HYDRO-ELEC. STA; 5 a. c. Allis-C. tot. 1800 kw. 2200 v. 3 ph. 60 cys; 2200 hp. wtr. wh. Allis-C.
City cont. 311 incs. 100 w; all nt. & moonlt; coal $2.35 & $3.10. (Supplies energy to Morrison and Prophetstown.)
C D L S W 3 ✣ ★16

**STEWARD,** 353—Steward Elec. Lt. & Wtr. Co.; cap. $10,000.
*Owner, C. T. Beitel.............Steward
2 d. c. F. M. & Co. tot. 45 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 40 hp. e. (gasoline) F. M. & Co; 3 amp. stor. bat. E. S. B. 220 v.
City cont. 18 incs. 80 w. tot. $42.50 per month; moonlt. 10 P. M; kerosene & fuel oil 7½ cts.
C D G L ✣ 125

**STOCKTON,** 1,096—Stockton Elec. Co; cap. $25,000; bds. $12,000.
Pres. Harrison A. Smith....Monroe, Wis.
V. Pres. & Mgr. Chas. M. Smith..Stockton
Sec. & Treas. K. B. Smith..Monroe, Wis.
*Supt. John Sager..............Stockton
Engr. Pwr. Sta. Fred. Youssi... "
1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 95 kw. 125 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 200 hp. e. Erie, Ball; 300 hp. b. Frmn.
City cont. 3 arcs. 2000 c. p. $72 per yr; 54 incs. 40 w. $24 per yr; moonlt. mdnt; coal $2.75.
C D L S 3 ✣ 25

**STONINGTON,** 1,118—Munic. Elec. Lt. Plant; cost $20,000; bds. $3,800.
Vil. Pres. J. Irving Owens....Stonington
Clerk W. K. Zeigler.......... "
Treas. Jesse M. Corzine...... "
*¶ Mgr. O. W. Culbertson.... "
Ch. Engr. Pwr. Sta.
Fred. W. Leach ............ "
2 a. c. Tri. tot. 80 kw. 2300 v. 3 ph. 60 cys; a. c. day (half) & nt. ltg. cir. 110 v; a. c. mo. cir. 110-250 v; 150 hp. e. Chuse; 125 hp. b. Indpls.
25 city arcs; 3 Mazdas A. B; moonlt; coal $1.05.
D L S 3 ✣ 75

**STREATOR,** 14,253—Public Service Co. of Northern Illinois. For executive officers, see Chicago.
Supt. C. R. Laub..................Streator
2 a. c. G. E. tot. 2750 kw. 2200-104 v. s. ph. 60 cys; 3 d. c. G. E. tot. 625 kw. 500 v; a. c. day cir. 110 v; d. c. day cir. 500 v; d. c. pwr. cir 500-104 v; 1500 hp. e. Bates, McI. & S, A. & S; 1000 hp. b. Heine, Bab. & W; trans. 33,000 v. 3 ph. 60 cys; also energy from Joliet.
City cont. 185 arcs 310 w. $65 per yr; all nt; coal $1.50. (Co. will increase output of plant to 30,000 hp. as required.) (Supplies energy to Grand Ridge, Henry, Toluca, Lacon and Minonk.)
C D L S 1 3 ✣ 25

**STRONGHURST,** 762—Stronghurst Elec. Ltg. Plant.
*Owner, M. F. T Schierbaum..Stronghurst
1 a. c. G. E. 30 kw. 1100 v. s. ph. 133 cys; nt. ltg. cir. 110 v. 133 cys; 60 hp. e. Frost; 80 hp. b. Frost.
City cont 35 series Mazdas 32 c. p. $21 per yr; moonlt. 11 P. M; coal $2.25. (Contemplates replacing stm. plant with gas engine and installing one 45 kw. 60 cy. 3 ph. 2300 v. gen.)
L S 1 ✣ 45W

**SULLIVAN,** 2,621—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Roy P. Hartman....Sullivan
3 a. c. Ft. W. G. E. tot. 275 kw. 1100 v. s. & 3 ph. 133 & 60 cys; 2 d. c. G. E. tot. 200 kw. 220 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. ltg. & mo. cir. 220 v; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 380 hp. e. Ideal, Rus; 200 hp. b. Ames, Erie; coal $1.35.
C D L S 1 3 ✣ ★85

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Munic. Lt. & Water Works; cost $10,000.
*¶ Mgr. Supt. & Ch. Elecn.
Hugh Hoke...................... Sullivan
Asst. Supts. { J. E. Burchard.... "
Frank Moore ..... "
1 a. c. Ft. W. 60 kw. 1100-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Ide, Spgfd; 300 hp. b. Brnl. C. & T.
Moonlt; coal $1.65.
L S 1 25

**SUMNER,** 1,413—Central Illinois Public Service Co. See Olney.

**SWANSEA,** 889 (P. O., Belleville)—Munic. Elec. Lt. Plant; cost $10,500; bds. $4,000.
Pres. Adolph Schnipper.... .....Swansea
*Sec. J. Dan Ewald............... "
Treas. Emil Keller....... ....... "
Mgrs. & Cont. Agts. { Robt. Kutzner..... "
Engr. Pwr. Sta.
H. H. Wueller... "
1 a. c. Warren 60 kw. 2300 v. s. ph. 60 cys; a. c. ltg. & mo. cir. 110 v; 100 hp. e. Chuse; 100 hp. b. Brnl, Kelly.
24 city arcs 6.5 amp; 350 city incs. 16 c. p; com. incs. 5 cts. per kw; moonlt; coal.
L S 1 ✣ 61

**SYCAMORE,** 3,926—DeKalb-Sycamore Elec. Co. See De Kalb.
2 a. c. Westg. tot. 180 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir 440-220-110 v. 2 ph. 60 cys; 300 hp. e. ——; 500 hp. b; trans. 4000 v. 3 ph. 60 cys; also stm. htg.
City cont. 61 arcs $55 & $80 per yr; all nt.
D H L S 2 84

**TABLE GROVE,** 544—Illinois Public Service Co. (Purchased Munic. Plant.) For executive officers, see Mattoon.
Local Supt. H. O. Cherry....Table Grove
1 a. c. —— Ft. W. 45 kw. 1000-100 v. s. ph. 60 cys; no day cir; 85 hp. e. Frost.
City cont; 11 P. M; coal.
L S 1 ✣ ★125

**TAYLOR SPRINGS,** 2,000—Southern Illinois Lt. & Pwr. Co. See Hillsboro.

**TAYLORVILLE,** 5,446—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. J. O. Tucker......Taylorville
4 a.c. G. E, West. tot. 750 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 100 kw. 550 v; 1 rect. G. E. 50 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1100 hp. e. Chuse, Ide, Erie; 750 kw. e. (gas) G. E; 1600 hp. b. Stir, Spgf; also stm. htg; energy also from Kincaid.
City cont. 22 arcs enc. 2000 c. p. $48 per yr; 200 tung. 50 w. $12 per yr; all nt; coal.
C D G H L S 1 3 ✣ ★85

**THAYER**, 1,012—Central Illinois Public Service Co. See Virden.

**THORNTON,** 1,030 — Public Service Co. of Northern Illinois. See Blue Island.

**TOLEDO,** 900—*Munic. Elec. Lt. Plant; cost $10,000.
¶ Pres. Dr. S. E. Miller............Toledo
Treas. A. G. White................ "
Mgr. G. F. Elliott................ "
2 a.c. Warren, West. tot. 125 kw. 2400-2200 v. 60 cys; nt. ltg. cir. 110 v; 205 hp. e. Skinner, Chuse; 100 hp. b. Freeman & Son.
City cont. 26 arcs G. E. $35 per yr; 1000 incs; $3.65 per yr; hrs; coal $2.20.
L S X 23

**TOLONO,** 760—Central Illinois Public Service Co. For officers, see Mattoon.
1 a. c. G. E. 90 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 75 hp. e. Chuse; 150 hp. b. Atlas; also receives energy from Tuscola.
City cont. 56 tung. 32 c. p. $17 per yr; midnt; coal $1.65.
D L S 1 ✣ 85

**TOLUCA,** 2,407—Public Service Co. of Northern Illinois. See Chicago.
Sub-sta; energy from Streator & Joliet.
City cont. 37 arcs 2000 c. p. $72 per yr; moonlt.
L ✣ 25

**TOULON,** 1,208—Toulon Lt. & Pwr. Co.; cap. $10,000.
Pres. (Mrs.) Ada M. Fuller........Peoria
V. Pres., Sec. & Treas. E. L. Fuller, Toulon
*Mgr. Miles C. Fuller............. "
Engr. Pwr. Sta. John Gill........ "
2 d. c. tot. 125 kw. 110 v; 1 d. c. arc 50 lt; d. c. day & nt. (6 A. M. to midnt.) ltg. & mo. cir. 110 v; 175 hp. e. Ideal, Chuse; 230 hp. b. Frost.
City cont. 26 G. E. arcs lumn. 6.6 amp. $60 per yr; 20 Tung. 16 c.p. $10.80 per yr; moonlt. mdnt: coal $2.50 & slack $1.87½.
C D L S 125

**TOWER HILL,** 1,040—Central Illinois Public Service Co. For officers, see Mattoon.
Local Supt. E. E. Cannon.....Tower Hill
Energy from Kincaid.
City cont. 23 tung. 50 c. p. $18 per yr; 11 P. M & 5 A. M. to daylt.
L ✣ ★85

**TREMONT,** 782—Bloomington & Normal Ry. & Lt. Co. See Bloomington.
Local Mgr. Jacob A. Knapp.....Tremont
a. c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 44 incs. 40 & 60 c. p. $18 per yr.
D L X ✣ 16

**TRENTON,** 1,694—*Munic. Elec. Lt. & Wtr. Wks; cost $16,000.
Mayor, C. L. Reiman.............Trenton
Chm. Ltg. Com. A. M. Leonhardt "
City Clerk, H. Herstein.......... "
¶ Mgr. Supt. & Ch. Elecn.
J. L. Wilson.................. "
3 d. c. G. E. West. tot. 129 kw. 110 v; 180 hp. e. Ide, Chuse; 150 hp. b. O'Brien, St. L.
Moonlt.
C L S 23

**TROY,** 1,447—Munic. Elec. Lt. Plant; cost $12,000; no bds.
*¶ Supt. & Ch. Elecn. R. L. Dawson. Troy
Engr. Pwr. Sta. John Sapp.......... "
2 d. c. Onondago, Three Rivers tot. 100 kw. 250 v; d. c. nt. ltg. & mo. cir. 220 v; 175 hp. e. Sknr, St. Louis, Cor; 180 hp. b. Atlas, Gem City.
120 city incs. 50 c.p; moonlt; coal $1.30.
C L S 75

**TUSCOLA,** 2,453—Central Illinois Public Service Co. For executive officers, see Mattoon.
Dist. Supt. H. A. Wehrle.........Tuscola
3 a. c. Ft. W. 450 kw. 1100 v. s. ph. 60 cys; 1 d. c. 50 kw. 220 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; d. c. day cir; 225 hp. e. Cor, Wood; 255 hp. b: also stm. htg; also receives energy from Mattoon, 33,000 v.
City cont. 160 tung. 32 c. p. $18 per yr; all nt; coal $1.65. (Supplies energy to Tolono.)
C D H L S 1 ✣ 85

**ULAH,** 50—Galva Elec. Lt. Co. See Galva.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.
No street lights.
D L 1 16

**UPPER ALTON,** 2,918—Alton Gas & Elec. Co. See Alton.

**URBANA**, 8,245—The Urbana Lt., Ht. & Pwr. Co., 120 E. Main St. (Part of the Illinois Trac. System); cap. $150,000.
Pres. Wm. B. McKinley......Champaign
V. Pres. & Treas.
Geo. M. Mattis.............. "
V. Pres., Exec. & Gen. Mgr.
H. E. Chubbuck..................Peoria
¶ Pur. Agt. H. J. Vance........... "
Gen. Supt. John A. Glover.......Urbana
Ch. Engr. Isaac Burcham........ "
1 a c. Westg. 375 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 500 hp. e. Allis-C; 800 hp. b. Heine; also stm. htg.
City cont. 135 arcs 6.6 amp. $65 per yr; moonlt; coal $1.65.
D H L S 1 3 24

**UTICA,** 1,150—Utica Elec. Lt. & Pwr. Plant.
*Owner & Mgr. H. P. Grove........Utica
1 a. c. Ft. W. 50 kw. 1040 v. s. ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 75 hp. e. Ide; 100 hp. b. Kewanee.
City cont. 18 arcs series 6.6 amp; 3 incs. series 40 w; mdnt; coal $2.40.
D L S 1 3 ✣ 23

**VANDALIA,** 2,974—Munic. Elec. Lt. Plant; cost $18,000; bds. $12,000.
Mayor, Carl A. Janett...........Vandalia
Sec. Fred. C. Chandler.......... "
Treas. John H. Mammen....... "
*¶ Mgr. & Supt. A. M. Webb.... "
Engr. Pwr. Sta. Chas. Fox...... "
2 a. c. Ft. W. tot. 150 kw. 1150 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220-110 v. 60 cys; 375 hp. e. Chuse; 300 hp. b. O'Br.

125 city series tung. 32 c. p; 25 incs. 200 c. p; screenings $1.30.
D L S 3 ✣ 25

***VENICE,** 3,718—Madison County Lt. & Pwr. Co. See Granite City.

**VERMONT,** 1,118—Munic. Elec. Lt. Plant; cost $15,000.
Pres. Vil. C. S. Alexander.......Vermont
Chmn. Lt. Com. Robt. Bougue.. "
Treas. Chas. Sexton............ "
*¶ Supt. & Engr.
Pwr. Sta. P. J. Tingley........ "

1 a. c. G. E. 120 kw. 1170 v. s. ph. 125 cys; a. c. nt. ltg. cir. 115 v. 125 cys; 150 hp. e. Clark; 200 hp. b. Frost.

100 city Tung. 60 & 100 w; moonlt; coal $2.37½.
L S 1 ✣ 125

**VERSAILLES,** 557 — Central Illinois Public Service Co. For officers, see Mattoon.

1 a. c. G. E. 60 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. 60 cys; 50 hp. e. Rus; 50 hp. b. Gem.

City cont. 20 tung. 40 c. p. $19 per yr; mdnt; coal $1.77.
L S 1 ✣ 85

**VICTORIA,** 350—Galva Elec. Lt. Co. See Galva.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

City cont. 40 Mazdas 32 c. p. $15 per yr; moonlt. midnt.
D L 1 16

**VILLA GROVE,** 1,828—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. L. F. French...Villa Grove

Energy from Mattoon, 33,000 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 12 arcs G. E. enc. 2000 c. p. $84 per yr; moonlt. (Also serves Newman, Longview, Fairland and Broadlands.)
D L 1 3 ✣ 85

**VIOLA,** 1,500—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. Wm. David..............Viola

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 50 Tung. 40 w. $17 per yr; mdnt.
D L 1 3 ★125

**VIRDEN,** 4,000—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. H. L. Wones............Virden

2 a. c. Ft. W. tot. 250 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 300 hp. e. Atlas, Ide; 600 hp. b. O'B, Atlas; No. 3 Spiro stm. turb. Buffalo Forge Co; stm. htg. and ice plant (York); also receives energy from Kincaid.

City cont. 48 arcs series 6.6 amp. $81 per yr; 18 incs. carbon 80 w. $18 per yr; 2 carbon incs. 40 w. $9 per yr; 18-5 lt. boulevard posts, 4 tung. 40 w., 1 Tung. 60 w. $40.50 per yr; all nt; coal 95 cts. (Co. also lts. Thayer.)
D H I L S 1 ✣ 85

**VIRGINIA,** 1,501—Central Illinois Public Service Co. For executive officers, see Mattoon.
Local Supt. Walter Kuykendall..Virginia

1 a. c. G. E. 75 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 100 hp. e. Ide; 200 hp. b. Frost; also receives energy from Beardstown.

City cont. 84 tung. 32 c. p. $13.80 per yr; moonlt. mdnt; coal $1.39.
D L S 1 3 ✣ 85

**WALNUT,** 763—Illinois Northern Utilities Co. For executive officers, see Dixon.
Engr. Pwr. Sta. W. J. Lossman..Walnut

1 d. c. F. M. & Co. 50 kw. 220 v; 80 hp.e. Ideal; 90 hp. b. Atlas.

City cont. 54 incs. 40 & 60 w. $15 per yr; moonlt. mdnt; coal $2.55.
C L S ✣ ★16

**WARREN,** 1,331—Warren Lt. & Pwr. Co., Inc.; cap. outstdg. $25,000.
*¶Pres., Mgr. & Ch. Engr.,
G. W. Scheidecker................Warren
V. Pres. T. S. Scheidecker........ "
Sec., Treas. & Engr. Pwr. Sta.,
S. L. Scheidecker................ "

2 a. c. West. tot. 225 kw. 2400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 110-220 v. s. & 3 (to 6 P. M. only) ph. 60 cys; 200 hp. e. Bates, Cor., Murray; 200 hp. b. Murray.

City cont. 85 tung. 250 & 80 c.p. $50 & $25 per yr; all nt; coal $1.34. (Trans. line to Apple River.)
D L S 1 3 ✣ 25

**WARSAW,** 2,254—Keokuk Elec. Co. See Keokuk, Iowa.

**WASHBURN,** 777—*Washburn Ht., Lt. & Pwr. Co.; cost $10,500.
¶ Pres. Mgr. Cont. Agt. & Supt.
W. E. Lycan...............Washburn
Sec. & Treas. M. J. Lycan ... "
Engrs. { C. Kolb............ "
Pwr. Sta. { J. B. Davis......... "

2 a. c. Westg, G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; trans. 2300 v. s. ph. 60 cys; 175 hp.e. Ide; 175 hp.b. Kew, Titusville.

City cont. 17 arcs A. B. 6.5 amp. $60 per yr; 6 Tung. 250 & 150 w. $36 & $30 per yr; moonlt; coal $2. (Also lts. Low Point and Wilburn.)
D L S 1 3 ✣ 74

**WASHINGTON,** 1,530—Central Illinois Lt. Co. For executive officers, see Peoria.
Supt. F. R. Kice ...........Washington

Energy from Peoria; 13,000 v, trans. 3 ph. 60 cys; 3 transf. Westg. 150 kw; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. day & nt. pwr. cir. 2300-210-105 v. s. & 3 ph. 60 cys.

City cont. 70 Tung. 200 & 80 c. p. $55 & $40 per yr; all nt.
D L 1 3 ✣ 16

**WATAGA,** 450—Galva Elec. Lt. Co. See Galva.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

City cont. 51 st. series 40 c. p. $16.80 per yr. moonlt. midnt.
D L 1 ✣ ★16

**WATERLOO,** 2,091—Munic. Wtr. & Lt. Plant; cost $10,000.
Mayor, F. E. Lutz..............Waterloo
*Clerk, H. E. Hauptfeisch...... "
Treas. Herman Wallhaus....... "
Supt. Henry Feldmeier......... "

2 a. c. Westg. tot. 150 kw. 2200 v. s. ph. 60 cys; no day cir; 235 hp. e. Rus, A. & S; 300 hp. b. Brnl.

1700 city incs. West. 16 c. p.; all nt; coal $1.55.
L S 1 ✣ ★125

**WATSEKA,** 2,476 — Central Illinois Utilities Co. See Paxton.

3 a. c. G. E, West. tot. 800 kw. 2200 v. 3 ph. 60 cys; 2 d. c. Wood, G. E. tot. 50

kw. 110 v; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d. c. mo. cir. 115 v; 750 hp. e. Murray; 1050 hp. b. Stir; 500 kw. turb. (stm.) G. E; also stm. htg.

City cont. 15 arcs mult. 3.5 amp. $— per yr; 161 series Tung. 60 c. p. $— per yr; moonlt; coal $1.20-$2.10.

C D H L S 3 ✣ ★85

**WAUKEGAN,** 16,069 — Public Service Co. of Northern Illinois. For executive officers, see Chicago.

Local Supt. Theo. A. Blech....Waukegan

Tot. gen. cap. 9000 kw. 3 ph. 25 & 60 cys; 3650 hp. b. Bab.& W.

City cont. 150 arcs 300 w. $67.50 per yr; 146 Tung. 75 w. $28 per yr. (Energy to Algonquin, Antioch, Area, Fox Lake, Grays Lake, Lake Bluff, Lake Villa, Libertyville, North Chicago, Round Lake, Zion City, Deerfield, Ft. Sheridan, Glencoe, Highland Park, Highwood, Lake Forest, Shermerville, Techny, Arlington Hgts., Barrington, Carpentersville, Cary, Crystal Lake, Dundee, Johnsburg, McHenry, Palatine, Pistakee Bay, Evanston and Wauconda.)

L S 3 25

**WAVERLY,** 1,538 — Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. Geo. T. Rodgers....Waverly

Engr. Pwr. Sta. Geo. McGee.... "

1 a. c. Stan. 30 kw. 1100 v. 2 ph. 133 cys; a.c. nt. ltg. cir. 104-110 v. 133 cys; 60 hp. e. Chuse; 75 hp. b. Spgf.

City cont. 78 tung. 32 c. p. $12 per yr; midnt. moonlt; coal $1.52.

L S 2 ✣ 85

**WELDON,** 521—Munic. Elec. Lt. Plant; value $3,500.

Vil. Pres. Dr. L. M. Marvel........Weldon

Sec. Dr. A. V. Foote.............. "

Treas. W. G. Hunt................. "

*Mgr. W. A. Webb................ "

Engr. Pwr. Sta. Geo. Gallaher.... "

1 d.c. Ft.W. 27½ kw. 110 v; d. c. nt. ltg. cir; 48 hp.e. Chuse; 50 hp. b. Gem City. Hours; coal $1.20.

C L S ✣ 125

**WENONA,** 1,442—The Wenona Lt. & Pwr. Co.; cap. $10,000.

*Pres. C. J. Kays.................Wenona

V. Pres. R. Fosbender........... "

Sec. & Treas. E. Fosbender...... "

Supt. Paul Moulton............... "

2 a. c. G. E. tot. 175 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys; 240 hp. e. Bckye, Sknr; 160 hp. b. Conolly & Co; stm. htg.

City cont. 30 Mazdas 25 c. p. $51 per yr. & 25 Mazdas 100 c. p. $30 per yr; 10 Mazdas "C" 250 c. p. $48 per yr; all nt; screenings $1.30.

D H L S 3 ✣ 125

**WEST CHICAGO,** 2,378—The Aurora, Elgin & Chicago R. R. Co. See Elgin.

**WESTERN SPRINGS,** 905—*Munic. Elec. Lt. & Wtr. Wks.; cost $30,000.

Clerk, A. W. Macy......Western Springs

Chmn. Lt. & Wtr. Com.
Albert Erickson....... "

¶ Supt. & Ch. Elecn.
Grant Key............ "

1 a. c. Stan. 100 kw. 2200-110 v. s. ph. 60 cys; no day cir; 100 hp. e. Ide; 250 hp. b. Lyon City.

165 city Tung. series 60 c. p. $16 per yr; moonlt; coal $1.50.

L S 1 23

**WEST FRANKFORT,** 2,111—Central Illinois Public Service Co. For officers see Mattoon.

Local Supt. T. F. Jones....W. Frankfort

Energy from Harrisburg and Christopher; trans. volt. 33,000 v; a. c. day & nt. ltg. cir. 110-112-114 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. — arcs 2000 c. p. $72 per yr; all nt.

D L 3 ★85

**WEST HAMMOND,** 4,948—West Hammond Gas & Elec. Co. (The United Gas Improvement Co. of Phila. is interested in this co.); cap. $15,000.

Pres. B. S. Walters......Hammond, Ind.

V. Pres. G. W. Curran.... Philadelphia

Sec. & Treas. H. C. Miller, Hammond, Ind.

Energy purchased from Northern Ind. Gas & Elec. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys.

City cont 55 arc enc. 6.6 amp. a. c 2000 c. p. $60 per yr; 21 Mazdas 400 c. p. $60 per yr; 4000 hrs. (Also lts. Burnham.)

D L 1 3 ✣ 65

**WEST POINT,** 292—West Point Elec. Co.

*Owners & Mgrs. Thos. Corbin & Co.
West Point

2 d. c. F. M. & Co. tot. 25 kw. 115 v; 35 hp. e. (gas) F. M. & Co.

City cont. 20 Tung. 60 c. p. $18 per yr; moonlt; oil.

C G L ✣ 25

**WESTVILLE,** 2,607—Danville St. Ry. & Lt. Co. See Danville.

**WHEATON,** 3,423 — Western United Gas & Elec. Co. See Aurora.

Energy purchased from The Aurora, Elgin & Chgo. R. R. Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 57 arcs $60 per yr; 13 incs; all nt.

D L 3 125

**WHITE HALL,** 2,854—Central Illinois Public Service Co. (Purchased Electric Light Dept. of White Hall Sewer Pipe & Stoneware Co.) See Mattoon.

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v. s. ph. 60 cys.

City cont. 40 arcs. 2000 c. p. $60 per yr; 40 incs 32 c. p. $18 per yr; moonlt. midnt.

D L 1 ✣ ★125

**WILMETTE,** 4,943—Public Service Co. of Northern Illinois. See Chicago.

**WILMINGTON,** 1,450—Public Service Co. of Northern Illinois. For officers, see Chicago.

1 a. c. Westg. 200 kw. 2300 v. 3 ph. 60 cys; 300 hp. turb. (wtr.) Leffel; also energy from Joliet.

City cont. 155 Tungstens 50 w. $12 per yr; moonlt.

L W 3 ✣ 25

**WINCHESTER,** 1,639—Central Illinois Public Service Co.) (Purchased property of Winchester Elec. Co For executive officers, see Mattoon.

Local Supt. H. S. Reavis..... Winchester

2 transf. Westg. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys.

City cont. 1 arc 1200 c. p. free; 146 series Tung. 40 w. $12.75 per yr; moonlt. mdnt.

D L 1 ✣ ★125

**WINDSOR,** 988—Central Illinois Public Service Co. For executive officers, see Mattoon.

Local Supt. J. T. Henry.........Windsor

Energy from Mattoon; a. c. day & nt. ltg. cir. 110-112-114 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 48 incs. 100 w. $25 per yr.

D L 3 ✣ 85

**WINNETKA,** 3,168—Munic. Elec. Lt. Plant.
*¶Mgr. R. L. Fitzgerald.......Winnetka
Audr. H. A. Higgins........... "
Supt. Ovhd. Distrbn. J. Smith. "
Ch. Engr. Pwr. Sta.
O. Uedelhafer................. "
3 a. c. West, Bull tot. 750 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; no mo. cir; 600 kw. e. West; 350 hp. e. Erie City; 790 hp. b. Kroeschell.
287 city incs. "C" 100 c. p. 7 cts. per k. kwh. moonlt. all nt; coal $2.05.
D L S 2 ★125

**WITT,** 2,170—Southern Illinois Lt. & Pwr. Co. See Hillsboro.

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Central Illinois Public Service Co. See Mattoon.

**WOODHULL,** 692—Tri-County Lt. & Pwr. Co. See Aledo.
Local Supt. C. W. Roselle.......Woodhull
a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 34 series Tung. 40 w. $15 per yr; moonlt.
D L 1 3 ✠ 125

**WOODSTOCK,** 4,331—Munic. Elec. Lt. Plant: cost $75,000, bds. $4,000.
Lt. & Wtr. Comm.
Chmn. H. J. Dygert, Woodstock
R. A. Pratt.......... "
C F. Gaulke......... "
M. G. Eckert........ "
*Audr. Ernest Fues ........... "
Ch. Engr. E. A. Reynolds...... "
3 a. c. Ft. W, Allis-C, tot. 425 kw. 1100 v. s. & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 700 hp. e. Ames, Allis-C; 150 hp. b. Fremont.
110 city incs. "C" 250 c. p. moonlt; coal $2.55.
D L S 1 3 125

**WORDEN,** 1,082—Madison County Lt. & Pwr. Co. See Granite City.

**WYANET,** 872—Wyanet Elec. Lt. Co; cap. $15,000; no bds.
Pres. & Supt. T. J. Brown.......Wyanet
*¶ Sec., Treas. & Mgr. C. Brown "
Energy purchased from Spring Valley Utilities Co; 1 transf. West. 50 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
City cont. 90 Tung. series 32 c. p. $15 per yr; moonlt. mdnt; coal $1.75.
D L 1 ★125

**WYOMING,** 1,506—Stark County Pwr Co.
¶ Pres. & Cont. Agt.
E. B. Hillman.....................Quincy
Sec. A. S. Hillman ................ "
*Treas. & Mgr. E. P. Reeder...Wyoming
Engrs. Pwr. Sta.
H. Wirth............ "
A. Wirth............ "
2 a.c. G. E. tot. 400 kw. 2200 v. s. ph. 60 cys; trans. 13,000 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 110-220 v. s. ph. 60 cys; 450 hp. e. Cor. Ide; 800 hp. b. Kew.
City cont. 25 5-lt. posts 40 & 60 w; 82 series Mazdas 50 w. $15 per yr; moonlt. mdnt; slack $1.25. (Co. also lts. Bradford, Camp Grove and Castleton.)
D L S 1 ✠ 25

**XENIA,** 634—Xenia Elec. Lt. Co. (not incorp.); cost $9,000.
*¶ Pres. & Mgr. W. A. Hulse.......Xenia
Ch. Engr. & Elecn. G. V. Lee...... "
1 a.c. Ft. W. 37½ kw. 1100-100 v. s. ph. 60 cys; no day cir; 166 hp. e. St. L. Co; 85 hp. b. Spring.
City cont. 11 tung. cluster arcs 2000 c.p. $60 per yr; 8 com. arcs 2000 c. p. $60 per yr; 1200 com. incs. 16 c. p. $6 per yr. 15 cts. per kw; moonlt. all nt; coal $1.85.
L S 1 ✠ 72

**YORKVILLE,** 431—Public Service Co. of Northern Illinois. For officers, see Chicago.
Energy from Joliet; trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir.
City cont. 40 Tungstens 75 w. $48 & $24 per yr; moonlt. 1 A.M.
D L 3 74

**ZION CITY,** 4,789—Public Service Co. of Northern Illinois. For officers, see Chicago.
Energy from Waukegan; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys.
City cont. 45 arcs 350 w. $60 per yr; moonlt. 1.30 A.M.
D L 3 ✠ 25

## INDIANA.

**AKRON,** 1,000—The Akron Lt., Ht. & Pwr. Co; cap. outstg. $13,700; no bds.
Pres. A. A. Gast....................Akron
V. Pres. E. A. Gast ............... "
*¶ Sec. & Mgr. Karl B. Gast...... "
Treas. F. L. Stoner................ "
Energy purchased from Winona Interurban Ry. Co., Warsaw; 3 transf. G. E. tot. 75 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 1 inc. nitro. 500 c. p. $60 per yr; 15 incs. nitro. 60 c. p. $21.14 per yr. and 26 incs. nitro. 40 c. p, $17.14 per yr. moonlt. (Also lts. Gilead.)
D L 3 ✠ ★125

**ALBANY,** 1,289—*Albany Wtr. & Lt. Co; cap. auth. $5,000; bds. $30.000.
Pres. Chas. W. Sherman...Boston, Mass.
Sec. Treas. & Mgr. Leonard Metcalf Boston, Mass.
Supt. & Ch. Engr. J. L. Tulley....Albany
1 a. c. G. E. 60 kw. 1100-100 v. s. ph. 60 cys; no day cir; 150 hp. e. C. & T; 200 hp. b. Harvey.
City cont. 35 incs. 50 c. p. $24 per yr; mdnt; coal.
L S 1 23

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Muncie Elec. Light Co. See Muncie.

**ALBION,** 1,213—*Munic. Lt. & Wtr. Wks.; cost $33,500; bds. $20,000, 6 p. c. int.
Pres. of Town Board, Dr. Carver..Albion
City Clerk, Carl Hardenbrook..... "
Treas. Geo. Russel................ "
¶ Mgr. Cont. Agt & Supt.
A. Holderman...................... "
Ch. Engr. O. Singrey.............. "
2 a. c. Ft. W. 105 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 130 hp. e. C. & T, Rus; 200 hp. b. Arbuckle, Ryan.
City cont. 2 arcs A. B; 50 series st. lamps $15 per yr; 200 incs. (5-lt. clusters) 60 w. $60 per yr; moonlt; coal $2.65.
D L S 1 ✠ 23

**ALEXANDRIA,** 5,096—Indiana General Service Co. See Elwood.

**ANDERSON,** 22,476—Munic. Elec Lt. & Pwr. Plant. Office, 15 N. 9th St; cost $261,547; no bds.
Sec. L. A. Stephens............Anderson
*¶ Supt. Ed. Burk ............. "
Engr. Pwr. Sta. C. M. Griffith .. "
4 a. c. G. E. Westg. Allis-C. tot. 1937 kva. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 250 hp. e. Harris; 1550 hp. b. Stir; 2455 hp. (stm.) turb. Westg, Allis-C.

285 city arcs G. E. series enc. 475 w; 20 incs. 16 c. p; moonlt; coal $2.10.
D L S 3 25

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Trac., Lt. & Pwr. Co. (Controlled through stock ownership by the Union Trac. Co. of Indiana); cap. outstdg. $50,000; bds. outstdg. $91,000.
Pres. J. A. Van Osdol ..........Anderson
V. Pres. C. H. Allen............ "
Sec. & Treas. W. H. Forse, Jr... "
*Mgr. H. A. Nicholl............ "
Audr. & Supt. Pwr. G. H. Kelsay "
Solicitor T. H. Nicholl.......... "

Energy supplied from Union Trac. Co. of Indiana; trans. volt. 2200-440 v. s. ph. 25 cys; 25 transf. G. E., West., Kuhl., Hornberger; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 25 cys; d. c. mo. cir. 600 v.

City cont. 206 tung. 100 c. p. $25 per yr. (Operates local systems in some towns and sells energy in bulk in other localities as follows: Atlanta, Bunker Hill, Carmel, Daleville, Fortville, Kennard, Lafontaine, Lawrence, McCordsville, Parker City, Oaklandon, Montpelier, Selma, Sharpsville, Shirley, Walton, Willow Branch, Windfall and Yorktown.
C D L 1 3 ✠ 125

**ANGOLA,** 2,610—Indiana Utilities Co.; cap. $200,000; bds. $142,000.
*¶Pres. & Mgr. E. J. Condon.....Angola
V. Pres. I. W. Durfee
10 So. La Salle St..........Chicago, Ill.
Sec. & Treas. H. L. Hanley.. " "
Gen. Supt. R. E. Nihan ..........Angola
Ch. Engr. Pwr. Sta. Carl Weiss..... "

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; 1 arc Ft. W. 45 lt; 1 d. c. Ft. W. 100 kw. 550 v; trans. 13,200 v.; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph; d. c. cir. 550 v; 650 hp. e. Bass, Atlas, McE; 400 hp. b. Stir.

City cont. 45 arcs 4 amp. magn. $55 per yr; moonlt. mdnt; coal $2.55. (Co. also lts. Ashley, Hudson, Pleasant Lake and Waterloo, 32 c. p. Tung. $15 per yr. 11 P. M., 50 c. p. Tung. $21.60 per yr. and 100 c. p. Tung. $27 per yr. 12 P. M.)
C D R S 3 ✠ ★16

**ARCADIA,** 990—Noblesville Ht., Lt. & Pwr. Co. See Noblesville.

Trans. from Noblesville 11,000 v; 1 a. c. Westg. 75 kw. 2300-105 v. s. ph. 60 cys; no day cir.

City cont. 6 arcs $84 per yr; 42 incs. $24 per yr; all nt; moonlt.
L 1 ✠ 125

**ARGOS,** 1,088—Munic. Elec. Lt. & Wtr. Plant; cost $15,000.
Pres. Bd. Geo. O. Reed...............Argos
V. Pres. Chas. Linkenhelt.......... "
*Town Clerk, Gilbert Sheely...... "
Treas. Roy Peabody................ "

Energy purchased from Rochester Elec. Lt., Ht. & Pwr. Co.; trans. volt. 13,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 90 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir. 220 v.

25 city magnetite arcs.
D L 3 ★16

**ATTICA,** 3,800 — Munic. Elec. Lt. & Water Plant; cost $50,000; no bds.
Mayor, Wm. B. Reed..................Attica
Clerk, Wm. Light................. "
Treas. Morris Blout................ "
*¶ Mgr. G. McDonald............. "
Ch. Engrs. {John Welsh......... "
Jefferson Bishop.... "

5 d. c. G. E, Ft. W, Ed. tot. 310 kw. 220-110 v; 1 d. c. arc Brush 112 lt; d. c. day & nt. ltg. & mo. cir. 220 v; 550 hp. e. Ball, Ironton; 600 hp. b. Frost.

100 city arcs A. B, G. E. $45 per yr; dark nt; coal $2.
C D L S 25

**AUBURN,** 3,919—Munic. Water & Elec. Lt. Works; cost $116,000; no bds.
Mayor, J. Y. W. McClellan.......Auburn
Clerk, C. B. Weaver............... "
Treas. Edw. E. Shilling........... "
*Supt. E. E. Wineland........... "
Supt. Ovhd. Distr.
Geo. A. Lawrence............... "
Ch. Engr. H. C. Karle............. "
Engr. Pwr. Sta. Guste Welch....... "

2 a.c. Ft. W. West. tot. 400 kva. 2300 v. 3 ph. 60 cys; 2 rect. West. Ft. W. tot. 28 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 610 hp. e. Harrisburg, Flemg; 700 hp. b. Stir.

241 city 1-lt. posts, nitro lamps; 60 tung. $9 per yr; all nt; coal $2.50.
D L S 3 ★125

**AURORA,** 4,410—The Indiana Public Service Co.; cap. $200,000; bds. $100,000.
Pres. —— ——..................——
V. Pres. D. A. Hanna.........Rising Sun
*¶ Sec., Treas., Mgr. & Gen. Supt.
C. B. Hanna.......................Aurora
Ch. Engr. Pwr. Sta.
T. C. Monks........................ "

2 a. c. Allis-C, West. tot. 320 kw. 2300 v. 3 ph. 60 cys; 3 rect. West. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v; 350 hp. e. Sknr; 250 hp. b. Ft. W.

City cont. 77 arcs G. E. magn. 6.6 amp. $51.58 per yr; 16 incs. series G. E. 6.6 amp. $17.20 per yr; moonlt. midnt; coal $2.06¼. (Also lts. West Aurora.)
D L S 3 ✠ 25

**BATESVILLE,** 2,151—Batesville Elec. Lt. & Pwr. Co.; cap. $10,000.
Pres. John A. Hillenbrand.....Batesville
V. Pres. & Audr. Harry Blank.. "
*¶ Sec. Treas. & Mgr.
A. W. Romweber............... "
Supt. & Ch. Engr. C. A. Woodard "

2 a. c. West. tot. 650 kva. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 650 hp. e. Ham, Cor, C. & T; 1200 hp. b. Heine, Erie, Tudor; also stm. htg.

City cont. 121 incs. series 31-50-100 w. $11.50, $18 and $27 per yr; all nt; nut & slack. (Co. sells energy to Oldenburg Elec. Lt., Pwr. & Wtr. Wks. Co.)
D H L S 1 2 ✠ ★125

**BEDFORD,** 8,716 — Interstate Public Service Co. For executive officers, see Indianapolis.
Mgr. W. E. Murchie..............Bedford
Ch. Engr. Jesse Pace.............. "

3 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Rus, Chuse; 1100 hp. b. Wickes, Gem; 350 kw. stm. turb. Curtis; also stm. htg.

City cont. 115 incs. series $50 per yr; 4 5-lt. posts $35 per yr; 87 incs. (3-lt. ornamental posts) $25 per yr; all nt; 35 incs. 40 w. $20 per yr. 11 P. M; coal $1.60.
D H L S 3 ✠ 16

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Southern Indiana Pwr. Co. Office. Bedford. (A subsidiary of the Middle West Utilities Co.) (Pwr. plant at Williams; sub-stas. at Clear Creek and Bloomington each 750 kw. cap; ultimate cap. 1500 & 2000 kw); cap. stk. $800,000; bds. outstg. $777,000.
Pres. Chester P. Wilson.....Indianapolis
V. Pres. Frank P. Smith.... "
Sec. & Treas. Ira E. Guthrie "
*Mgr. W. E. Murchie............Bedford
Cont. Agt. O. F. Abrahamson.... "
¶Pur. Agt. C. H. Dallow.....Indianapolis
Com. Mgr. T. A. Elder...... "
Ch. Engr. Pwr. Sta. Nate Hettler...Williams

7 a. c. Allis-C. tot. 8200 kw. 2300 v. 3 ph. 60 cys; trans. volt 22,000 v. 3 ph; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph; 4000 kw. turb. (stm.) Allis-C;

4200 hp. turb. (wtr.) Allis-C; 2442 hp. b. Bab & W, Stir. (Lts. Oolitic, Ellettsville, and sells energy in bulk in Bedford.)

Coal screenings $1.45.

D L S W 3 ★16

**BERNE,** 1,316—Berne Elec. Lt. Co.; cap. outstg. $21,000; no bds.

¶ Pres. & Mgr. W. Baumgartner...Berne
V. Pres. Levi A. Sprunger.......... "
*Sec. Amos Hirschey.............. "
Treas. C. A. Neuenschwander...... "
Ch. Engr. Pwr. Sta. Dan Morand... "

2 a. c. Ft. W. tot. 56 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph; 200 hp. e. Ft. W; 250 hp. b. Ft. W.

City cont. 29 arcs Ft. Wayne 6.6 amp. $60 per yr; 16 Mazdas 60 & 100 c.p. $24 & $36 per yr; moonlt; coal 90 & 95 cts.

D L S 1 ★16

**BICKNELL,** 9,000—Bicknell Lt. & Pwr. Co.; cap. $60,000; no bds.

Pres. John P. Allen................Sullivan
V. Pres. Wm. Schrolucke...Indianapolis
*Sec., Treas. & Mgr. W. R. Maddex Bicknell
Audr. C. Spelbring............... "
Ch. Engr. Gus Jeffries........... "

2 a. c. G. E. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys: 475 hp. e. Ideal, C. & T; 450 hp. b. Brnl.

City cont. 86 type "C" lamps 250 w. $28 per yr; all nt; coal $1.00.

D L S 3 ✠ 125

**BLOOMFIELD,** 2,069—Home Light & Water Co.; cap. $26,000; bds. auth. $22,000, 5 p. c. int.

Pres. & Supt. Marion E. Dugger..Dugger
*Sec., Treas. & Mgr.
John C. Gilliland...........Bloomfield
Engr. Pwr. Sta.
John W. Ausman............ "

2 a. c. West, G. E. tot. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220-110 v. 2 ph; 285 hp. e. Bckye, McE; 450 hp. b. Gem City, C. & T.

City cont. 27 arcs A. B. enc. 5 to 6 amp. $75 per yr; 7 incs. 32-80 c.p. $16 per yr; all nt; soft coal $1.70.

D L S 2 ✠ 113

**BLOOMINGTON,** 8,838—Central Indiana Ltg. Co. For executive officers, see Columbus.

Engr. Pwr. Sta. Vine Vint..Bloomington

2 a. c. Allis C, Bul. tot. 445 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; mo. cir. 220 v; 800 hp. e. Allis C; 1600 hp. b. Stir. (Also stm. htg.)

City cont. 136 Mazdas series 250 c. p. 6.6 amp. $50 per yr. all nt; 102 orna. 3-lt. posts 40 w. mult. $10 per yr. midnt; 3 incs. $40 w. $10 per yr. all nt; coal $1.40.

D H L S 3 ✠ ★16

**BLUFFTON,** 4,987—Munic. Elec. Lt. & Wtr. Wks; cost $60,000; bds. $20,000.

*¶ Mgr. & Cont. Agt. C. W. Clark..Bluffton
Engrs. Pwr. Sta.
E. R. Baker.......... "
P. O. Richey.......... "
D. Goldsberry........ "

2 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 925 hp. e. Reeves, Ham. Cor; 1050 hp. b. Sterling.

City cont. 115 enc. arcs G. E. 6.6 amp. $50 per yr. moonlt. midnt; slack $2.25.

D L S 3 ✠ 125

**BOONVILLE,** 3,934—Boonville Elec. Lt. & Pwr. Co.; cap. auth. $50,000; bds. outstg. $28,000.

Pres. Clark Thomas..............Boonville
V. Pres. W. T. White........... "
*¶ Sec. & Mgr. K. H. Weyerbacher "
Treas. W. F. Weyerbacher....... "
Supt. & Engr. Pwr. Sta. Urie Bates "

2 a. c. G. E. tot. 300 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 400 hp. e. Ham, Cor; 675 hp. b. Atlas; also hot wtr. htg.

City cont. 154 nitro. lamps 60, 100 & 250 c.p. $16.50, $20 & $30 per yr; moonlt. all nt; coal $1.

D H L S 1 3 ✠ 125

**BOSWELL,** 950—Interstate Public Service Co. See Indianapolis.

Energy from Fowler and Monticello; 3 ph; a. c. day & nt. service.

City cont. 12 orna. 3-lt. posts 75 w. series $58 per yr; 36 incs. 75 w. $30 per yr. and 30 Mazdas 60 w. $44.80 per yr. all nt.

D L 3 ✠ 16

**BOURBON,** 1,163—Rochester Elec. Lt. Ht. & Pwr. Co. See Rochester.

**BRAZIL,** 9,340—West Indiana Utilities Co. (Leased from Brazil Elec. Co.); cap. $200,000; no bds.

Pres. Jas. H. Drew..........Indianapolis
Sec. & Treas. E. G. Hendrickson "
¶ Audr. E. O. Bell...................Brazil
*Supt. & Ch. Engr. C. W. Otis...... "
Engr. Pwr. Sta. Walter Zenor...... "

Energy purchased from Terre Haute, Indianapolis and Eastern Trac. Co; 6 transf. West. tot. 1800 kva; 3 a. c. Westg. tot. 450 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 106-108 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 500 hp. e. Chuse, Fleming; 500 hp. b. O'Br. (Stand-by plant.)

Coal $1.38. (Co. also lts. West Terre Haute.)

D L S 2 ✠ 125

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Terre Haute, Indianapolis & Eastern Trac. Co. See Terre Haute.

Supt. H. D. Falls....................Brazil

a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 400-200 v. 2 ph. 60 cys.

City cont. 187 arcs West. magn. $67 per yr; 58 5-lt. posts $95.50 per yr; all nt.

D L 2 125

**BREMEN,** 2,008—Munic. Elec. Lt. Plant; cost $32,000.

Pres. of Council, Wm. Engle......Bremen
Sec. Frank Knoblock.............. "
Treas. Clayton E. Huff............ "
*Supt. Edw. R. Haus............. "

Energy purchased from The Hawks Elec. Co; 6 transf. tot. 375 kva. 2200-13,200 v; 2 a. c. Ft. W. tot. 150 kw. 1100 v. s. ph. 140 cys; a. c. nt. ltg. cir. 110 v; 225 hp. e. Flem, H. F. & M; 350 hp. b. Lyons.

35 city arcs $72 per yr; moonlt; all nt; coal $3.20.

L S 1 65w

**BROOK,** 1,067—Interstate Public Service Co. See Indianapolis.

Energy from Fowler and Monticello; 3 transf. G. E. tot. 120 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys. Reserve equip. 1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; 100 hp. e; 100 hp. b.

City cont. 52 Mazdas series 5.5 amp. 80 & 350 c. p. $20 & $65 per yr. moonlt.

D L S 3 ✠ 16

**BROOKVILLE,** 2,169 — Brookville Elec. Co.; cap. $20,000.

Owner & Mgr. Jno. W. Brockman, Brookville
Elecl. Engrs.
Chas. Winans....... "
Harry Brockman...... "

1 arc W. E. 50 lt; 1 a. c. Allis C. 85 kw. 2300-110 v. s. ph. 60 cys; 125 hp. e. Allis-C, Cor; 150 hp. b. Rus; energy also purchased from Richmond Lt. Ht. & Pwr. Co; 3 transf. West. tot. 150 kw.

City cont. 35 arcs 6.6 amp. $66 per yr; 30 Mazdas 6.6 amp. $19.90 per yr; midnt; coal $2.45.

L S 1 ✠ 125

**BROWNSTOWN,** 1,492—Brownstown Wtr. & Lt. Co.; cap. $30,000; bds. $24,000; cost $30,000.
Pres. Will W. Ireland ......Brownstown
*¶ V. Pres., Sec., Treas., Mgr., & Cont. Agt. D. B. Vance... "
Elecn. D. F. Carter.......... "
Engr. Pwr. Sta. Ralph Rich.. "
1 a. c. Allis C. 110 kw. 110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Clark; 160 hp. b. Ft. W.
City cont. 29 arcs A-B. 6 6 amp. $65 per yr; 2100 Mazda & carbon incs. 10 cts. per kwh; moonlt; coal $1.85.
L S 1 14

**BUCK CREEK,** 300—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne.
Local Mgr. C. K. Echart.....Buck Creek
Energy from Ft. Wayne 105 miles, 33,000 v. 3 ph. 25 cys; 3 transf. G. E tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 375 v. 3 ph. 25 cys.
City cont 7 arcs series 80 c. p. $22 per yr; 1 A.M.
D L.3 125

**BURROWS,** 250—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne.
Local Mgr. G. C. Quinn.........Burrows
Energy from Ft. Wayne 86 miles, 33,000 v. 3 ph. 25 cys; 3 transf. G. E. tot. 100 kw; a.c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 375 v. 3 ph. 25 cys.
City cont. 5 arcs series 6.6 amp. $22 per yr; 1 A. M.
D L 3 125

**BUTLER,** 1,818—Munic. Elec. Lt. & Water Works; cost $35,000.
*¶ Supt. & Engr. Pwr. Sta. J. F. Herbst......................Butler
2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108-220 v. 60 cys; a. c. day & nt. mo. cir. 220-108 v. 3 ph. 60 cys; 245 hp. e. (gas) St. Mary's; 300 hp. gas producer St. Mary's.
43 city incs. series 100 w. 80 c. p; 60 incs. series 40 w. 32 c. p; moonlt. all nt; coal $5.16.
D G L 3 25

**CAMBRIDGE CITY,** 2,237—Munic. Elec. Lt. & Wtr. Plant.
*Supt. B. W. Gentry.....Cambridge City
Engr. Pwr. Sta. Chas. Eiklor "
3 a. c. Westg, Ft. W. tot. 300 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 375 hp. e. C. & T, Ames; 300 hp. b. C. & T.
75 city tung. series 250 c. p. 6.6 amp; coal $1.85.
D L S 1 2 125

**CAMDEN,** 557—Wabash Valley Utilities Co. See Ft. Wayne.
Local Mgr. W. M. Sadler........Camden
a.c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 18 multiple tung. 150 w. $32 per yr; 24 tung. series 80 c. p. $28 per yr; moonlt. midnt.
D L 3 ★125

**CANNELTON,** 2,130—Dept. Public Service. (Property of Cannelton Public Service Co., leased for 25 years by City.) Cost $25,000.
*Supt. W. P. Martin...........Cannelton
2 a. c. F. M. & Co., Clark. tot. 160 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v; 205 hp. e. Ball, Frost; 300 hp. b.
City cont. 90 incs. 40 c. p. tot. $300 per yr; moonlt.; coal $1.75.
D L S 3 ✠ 75

**CARTHAGE,** 873—Carthage Electric Light Plant.
*Owner & Mgr. Fred. F. Brenan Carthage
Power purchased from U. S. Board & Paper Co.; trans. volt. a. c. 2200-105 v. 2 ph. 60 cys.
City cont. 22 arcs 2000 c. p. $75 per yr; 16 Tung. 100 w. $25 per yr; moonlt.
L 2 ✠ 73

**CAYUGA,** 911—Cayuga Electric Co. cap. $15,000; no bds.
*Pres. R. C. Parks, 156 Vermilion St., Danville, Ill.
¶ Mgr. J. E. Russell...............Cayuga
Ch. Engr. S. A. Holdaway......... "
1 a. c. Warren 100 kw. 2200 v. s. ph. 60 cys; trans. volt. 6600 v. s. ph; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Chuse; 150 hp. b. Chuse.
City cont. 30 arcs 314 w. $75 per yr; 37 Mazdas 250 w. $40 per yr; coal $1.60. (Co. also lts. Newport.)
L S 1 ✠ ★125†

**CHARLESTOWN,** 864—Louisville & Northern Ry. & Ltg. Co. (Subsidiary of the Middle West Utilities Co.); cap. $1,500,000 (prfd.) & $3,500,000. (com.)
Pres. Chester P. Wilson.....Indianapolis
V. Pres. Frank P. Smith.... "
Sec. Ira E. Guthrie.......... "
Treas. J. F. Stratton.........New Albany
1 d. c. Clark 45 kw. 220 v; d. c. nt. ltg. cir. 250 v; no motor cir; 60 hp. e. Atlas; 80 hp. b.
(Energy furnished to Ry. by United Gas & Elec. Co.)
City cont. 32 arcs A-B. $42.45 per yr; moonlt; coal $2. (Co. also serves Sellersburg.)
C R S 75

**CHESTERTON,** 1,400—Northern Indiana Gas & Elec. Co. See Michigan City.

**CHRISNEY,** 524—Chrisney Elec. Lt. Co.; cap. $3,000.
Pres. L. E. Crandall..............Chrisney
V. Pres. G. Billart............... "
*Sec., Treas. & Cont. Agt. J. P. Chrisney................. "
Mgr. J. O. Burkhart.............. "
1 a. c. Peoria 1100 v. s. ph. 133 cys; a.c. nt. ltg. cir. 110 v; 50 hp. e. Brnl; 125 hp. b. Brnl. Star.
City cont. 18 incs. 50 c. p. $20 per yr; mdnt; coal $1.20
L S 1 ✠ ★125

**CHURUBUSCO,** 870—Churubusco Wtr. & Lt. Co.
¶ Owner & Mgr. Miss Josie Kingdon Churubusco
*Ch. Engr. J. P. Keen........ "
1 a. c. Ft. W. 100 kw. 1000-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Ball; 230 hp. b. Bass.
City cont. 110 Edison incs. $6 per yr; moonlt. 11 P. M; coal $2.40.
L S 1 ✠ 22

**CICERO,** 990—Noblesville Ht., Lt. & Pwr. Co. (Purchased Cicero Lt. & Pwr. Co.) For executive officers, see Noblesville.
*Local Agt. Geo. E. Shelton........Cicero
Energy from Noblesville; trans. volt. 11,500 v. 3 ph. 60 cys; 6 transf. tot. 105 kw. Pitts, Hornberger; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 8 arcs W. E. 220 w. $60 per yr; 16 Tung. 60 & 100 w. $15 & $21 per yr; moonlt. mdnt.
D L 3 ✠ ★125

**CLARKSVILLE,** 2,743—United Gas & Elec. Co. See New Albany.

**CLAY CITY,** 1,218—Clay City Lighting Co; cap. $7,140; no bds.
Pres. H. R. Vandivier.........Clay City
V. Pres. G. E. Conley........Terre Haute
*¶Sec., Treas. & Mgr.
Ernest C. Goshorn............Clay City
Ch. Engr. & Elecn. C. F. Nickey "

2 a. c. G. E. tot. 90 kw. 1040-104 v. s. ph. 125 cys; no day cir; 150 hp. e. Atlas; 250 hp. b. Atlas.

City cont. 30 arcs 2000 c. p. $60. per yr; moonlt. mdnt; slack 65 cts. to 75 cts.

L S 1 ✠ ★125

**CLAYPOOL,** 408—Claypool Elec. Lt. Co.

L 72

**CLINTON,** 6,229—Clinton Elec. Lt. & Pwr. Co.; cap. $40,000.
Pres. Mark E. Nebeker...........Clinton
V. Pres. W. L. Morey............ "
Sec. & Mgr. J. W. Robb.......... "
Treas. H. C. Dies ................ "
*¶ Cont. Agt. & Supt. C. M. Poor. "
Ch. Engr. Wm. Pollam .......... "

3 a. c. West, G. E. tot. 830 kw. 2300 v. 3 ph. 60 cys; 2 rect. West. tot. 85 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v; 400 hp. e. Ham, Cor; 500 kw. turb. (stm.) G. E; 504 hp. b. Sterling.

City cont. 56 arcs met. flame 4 amp. $59.37 per yr; 38 incs. series 80 c. p. 4 amp. $31.81 per yr; moonlt; screenings $1.25.

D L S 3 ✠ ★125

**COATESVILLE,** 472—Munic. Ltg. System; cost $5,000.
*¶ Pur. Agt. Merwyn Hunt.....Coatesville

Purchases energy from Terre Haute, Indpls. & Eastern Trac. Co., Amo Substa. 2300 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 115 v. 25 cys; a. c. day & nt. mo. cir. 230 v. s. ph. 25 cys.

D L 1 3 125

**COLUMBIA CITY,** 3,448 — Munic. Elec. Lt. & Wtr. Wks; bds. outstg. $13,000.
Sec. E. Erdmann..........Columbia City
Treas. E. G. Binder....... " "
*¶ Mgr. & Cont. Agt.
F. T. Schultz............ " "
Ch. Engr. A. E. Growcock " "

2 a. c. West. tot. 300 kva. 2300 v. 3 ph. 60 cys; 2 West. rect. tot. 100 lts; a. c. day & nt. ltg. cir. 110-220 v; 410 hp. e. Bass, Harrisburg. Flemg; 600 hp. b. Wickes.

65 city arcs magnetite 4 amp. $30 per yr; 180 incs; all nt; coal $2.65.

D L S 3 125

**COLUMBUS,** 11,813—Munic. Wtr., Pwr. & Filtration Plant: cost $11,457.
Chmn. John Schaefer..........Columbus
City Clerk, Elmer Dean........ "
*Supt. & Ch. Engr. J. C. Rush. "
Ch. Elecn. Ben. Hull........... "
Engrs. Pwr. Sta. E. E. Sisco... "
H. J. Tooley. "
Wm. Stillinger "

1 a. c. G. E. 150 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir; 240 hp e. Bckye; 600 hp. b. Brnl; 40 hp. stm. turb De L.

250 city arcs G. E. and 350 incs. G. E; all nt; coal $2.39.

D L S 2 ★125

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Central Indiana Ltg. Co. Office, 508 Board of Trade Bldg., Indianapolis. (Controlled by Interstate Public Service Co. and is a subsidiary of Middle West Utilities Co.)
Pres. Chester P. Wilson.....Indianapolis
V. Pres. & Com. Mgr.
T. A. Elder................ "
Sec. & Treas. Ira E. Guthrie "
*Mgr. C. V. Salisbury ..........Columbus
¶Pur. Agt. C H. Dallow.....Indianapolis
Ch. Engr. Madison Cox........Columbus

2 a. c. turbo. gen. G.E. tot. 1250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. b. Stir.

Coal $2.10. (Also operates in Bloomington.)

D L S 1 3 ✠ ★16

**CONNERSVILLE,** 7,738—Light, Heat & Power Co. Office, 106 East 6th St.; cap. $800,000; no bds.
Pres. R. P. Ottinger
124 So. Meridian St., Indianapolis
Sec. L. E. Stahl.............. "
*Mgr. H. J. Mathews.... .. Connersville
Engr. Pwr. Sta. W. T. Watson "

3 a. c. G. E. tot. 840 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 2200-440-220 v; 500 kw. turb. (stm) G. E; 475 hp. e. L. & B; 960 hp.b. Heine, Erie, Bab. & W; also stm. htg.

City cont. 125 arcs 420 w. $73 per yr; 14 Tung. G. E. 60 w. $32 per yr; all nt; coal $2. (Co. also lts. East Connersville.)

D H L S 3 ✠ 74

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Hydro-Elec. Lt. & Pwr. Co. Office, 723 Central Ave.; cap, $100,000; no bds.
Pres. E. D. Johnston........Connersville
V. Pres. L. R. Johnston...... "
Sec. & Treas. J. M. Shade... "
*¶Mgr. & Cont. Agt.
W. E. Lowe ................ "
Ch. Engr. Pwr. Sta. O.L.Price "

4 a. c. C-W, Allis-C. tot. 1125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. b. Bab & W; 500 kw. turb. (stm.) Allis-C; 380 hp. e. (oil) De Lavergne; 325 hp. wtr. wh. Dayton Globe.

City cont. 137 met. flame arcs Westg. 4 amp. $47 per yr; 129 type "C" incs. 100 c. p. $19 per yr. Coal $2-$2.50.

D G L S W 3 ✠ 125

**CONVERSE,** 1,164—Converse Lt. & Pwr. Co.; cap. $13,000; no bds.
Pres. T. C. McReynolds.........Kokomo
Sec. & Treas. Lee Hall............Marion
*Audr. Karl A. George...........Kokomo
Supt. J. C. Riley .............Converse

Energy purchased from Indiana Rys. & Lt. Co; 1 a. c. G. E. 90 kw. 1150-104 v. s. ph. 60 cys; no day cir.

City cont. 46 Mazdas series 100 c. p. $30 per yr; moonlt; gas. (Also lts. Amboy.)

G L 1 ✠ ★125

**CORYDON,** 1,703—Corydon Lt. & Wtr. Co. (Controlled by the Interstate Public Service Co., which see for officers.)
Mgr. Frank Wright..............Corydon
Engr. Pwr. Sta. M. Hurst.. ..... "

3 d. c. Clark tot. — kw. 220 v; d. c. nt. ltg. cir. 210 v; 260 hp.e. Alford; 160 hp. b. Vogt.

City cont. 121 incs. mult. 60 w. $6 per yr; mdnt; coal $1.70.

C L S ✠ ★16

**COVINGTON,** 2,069—Munic. Lt. & Water Plant. Office, West End & Jefferson Sts.
Mayor, T. H. McGeorge, Jr.... Covington
Clerk, Chas. A. Baldwin ...... "
Treas. Wm. E. Bilsland........ "
*Supt. E. M. Harden ........... "
Engrs. Pwr. Sta. Chas. Quinn ...... "
Frank Maris...... "
Geo. Adams....... "

1 a. c. Ft. W. Wood 105 kw. 1150 v. s. ph. 60 cys; 1 arc Wood 60 lt; day & nt. ltg. cir. 104 v; 150 hp. e. Ide; 300 hp. b. Brnl.

50 city arcs A. B; 60 city incs; all nt; coal $1.25 to $2.15.

D L S 1 25

**CRAWFORDSVILLE,** 10,300—Crawfordsville Elec. Lt. & Pwr. Co. (Munic.) Office, 124 So. Green St; cost $225,000; bds. $65,000.

Bd. of Trustees
Pres. Wm. T. Purdue....
V. Pres. C. O. McFarland.
Sec. & Treas. A.W. Johnson.......... Crawfordsville.
*¶ Mgr. F. H. Miller.................. "
Ch. Engr. Pwr. Sta. E L. Barr...... "
Ch. Elecn. W. E. McVey............ "

2 a. c. turbo-gen. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 5 rect. West. tot. 300 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1050 hp. b. Sterling.

City cont. 235 magn. arcs 4 amp. $48 per yr; 24 series incs. 100 w. $21 per yr; 60 ornamental posts 100 & 60 w. $30 per yr. all nt; screenings $1.15. (Sells energy in bulk to Montgomery Lt. & Pwr. Co. and municipality of Waynetown.)

D L S 3 ✣ ★125

**CROWN POINT,** 2,526 — Interstate Public Service Co. For executive officers, see Indianapolis.
Mgr. H. P. Broughton.......Crown Point
Engr. Pwr. Sta. G. Price.... "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 104 v. 60 cys; 450 hp. e. Erie, Bckye; 350 hp. b. Erie.

City cont. 57 arcs A. B. 6.6 amp. $70 per yr; 10 incs. 6.6 amp. 75 w. $27 per yr; 4 incs. 6.6 amp. 80 w. $34 per yr; all nt; coal $2.02. (Trans. to Lowell.)

L S 3 ✣ ★16

**CUTLER,** 300 -- Wildcat Utilities Co. Office, Cutler.
*Mgr. Jess Johnson................Cutler

Energy purchased from Indiana Rys. & Lt. Co., Kokomo.

L §105†

**DALEVILLE,** 1,000—Trac., Lt. & Pwr. Co. See Anderson.

**DANA,** 748—Munic. Electric Lt. Plant; cost $7,798.
Pres. Bd. of Trustees, M. F. Collier. Dana
¶ Clerk, Frank H. Smith............ "
*¶ Mgr. H. L. Fillinger.............. "
Ch. Engr. & Elecn. Jno. F. Plasket. "

1 a. c. Allis-C. 90 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v; 150 hp. e. Atlas; 150 hp. b. C. & T.

35 city incs. 100 w; moonlt; coal $1.10.

L S 3 25

**DANVILLE,** 1,640—Danville Lt., Ht. & Pwr. Co.; cap. $100,000; bds. $25,000.
Pres. G. E. Varney..........Indianapolis
V. Pres. Geo. E. Hume...... "
Sec. & Treas. Harry C. Kahlo "
*Supt. E. M. Landis..............Danville
Engr. Pwr. Sta. Sam Rector...... "

3 a. c. G. E. tot. 420 kw. 6600 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. ph. 60 cys; 700 hp. e. Atlas; 600 hp. b. Atlas, C. & T.

City cont. 66 series arcs 6.6 amp. $60 per yr; 26 cluster incs. 200 w. $25 per yr; mdnt; coal $1.30. (Co. also lts. Plainfield, Avon, Brownsburg, Clayton and Pittsboro.)

D L S 1 35

**DECATUR,** 4,471—Munic. Ltg. & Pwr. Plant; cost $40,000.
Treas. J. D. McFarland...........Decatur
*¶ Mgr. M. J. Mylott .............. "
Engr. Pwr. Sta. A. C. Foos........ "

3 a. c. Wood tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir. 220-110 v; 800 hp. e. Bass, Allis C.; 1100 hp. b. Bass, McNaul; also stm. htg.

90 city arcs Wood magn. 4 amp. $52 per yr; 200 Tungs. 40-60-100 w. $12, $16 & $18 per yr; all nt; coal $2.25.

D H L S 3 125

**DELPHI,** 2,161—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne.
Local Mgr. F. M. Hansel...........Delphi

Energy from Ft. Wayne 96 miles, 33,000 v. 3 ph 25 cys; 3 transf. tot. 1000 kw. Westg; a. c. day & nt. ltg. cir. 110 v; a.c. day mo. cir. 220 v. s. & 3 ph. 25 cys.

City cont. 41 G. E. magn. arcs $70 per yr; 12 series tung. $30 per yr; all nt.

D L 1 3 ✣ 125

**DUGGER,** 1,226—Dugger Elec. Lt. & Pwr. Plant. (Owned and operated by Continental Utilities Co., Lansing, Mich, which see for executive officers.)
Supt. W. N. Moss................Dugger

3 d. c. Sprague tot. 110 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 110-220 v; 200 hp.e. (gas) Seager.

City cont. 26 mult. incs. 100 w. $36 per yr; 6 mult. incs. 300 w. $72 per yr; all nt; oil 5½ cts. per gal.

C D G L ✣ 16

**DUNKIRK,** 3,031—Muncie Elec. Lt. Co. For executive officers, see Muncie.
Ch. Elecn. Glen Elicker..........Dunkirk

3 transf. G. E. tot. 450 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 51 arcs a. c. 6.6 amp. $65 per yr; all nt. (Trans. to Redkey.)

D L 3 ✣ 26

**EARL PARK,** 1,357--Interstate Public Service Co. See Indianapolis.

Energy from Fowler and Monticello; 3 ph; a. c. day & nt. service.

City cont. 10 arcs. series 7.5 amp. $75 per yr. and 20 incs. series 60 c. p. 7.5 amp. $20 per yr. moonlt.

D L 3 ✣ 16

***EAST CHICAGO,** 19,098—Northern Indiana Gas & Elec. Co. See Hammond.

**EATON,** 1,428—Muncie Elec. Lt. Co. See Muncie.

3 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 26 arcs a. c. 6.6 amp. $60 per yr; moonlt.

D L 3 ✣ 26

**EDINBURG,** 2,040—Munic. Elec. Lt. & Water Plant; cost $30,000.
Chmn. Bd. A. W. Pruitt.........Edinburg
V. Pres. John W. Graham....... "
Sec. W. T. Thompson.......... "
*Supt. G. R. Mutz.............. "

1 d. c. G. E. 75 kw. 220 v; d. c. nt. ltg. cir. 250 v; 220 hp. e. C. & T, Alfree; 250 hp. b. C. & T, Spring.

All nt; coal $.175.

C L S 125

**ELKHART,** 19,282—Indiana & Mich. Elec. Co. See South Bend for officers.

2 a. c. Westg. tot. 2000 kw. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v; — hp. turb. Leffel, Smith; trans. volt. 25 000 v. 3 ph. 60 cys.

City cont 200 arcs 6.6 amp. $65 per yr; 26 tung. 80 w. $10.80 per yr. all nt.

D L W 3 125

**ELWOOD,** 11,028—Indiana General Service Co. (Controlled by American Gas & Elec. Co.); cap. $1,600,000.
Pres. R. E. Breed........New York, N.Y.
V. Pres. Geo. N. Tidd.......... "
Sec. & Treas. Frank B. Ball.... "
Cont. Agt. C. E Etchison.........Elwood
¶ Pur. Agt. M. B. Feldman, New York, N.Y.
Supt. O. E. Halderman,...........Elwood
Engr. Pwr. Sta. L. Iseminger..... "

2 a. c. West. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 3 arc tot. 150 lts; trans. volt. 35,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Rus; 800 hp. b. Sterling; 500 hp. stm. turb. West; also stm. htg.

City cont. 115 arcs 4 amp. magn. 2000 c.p. $67 per yr; 142 incs. 60 w. 67 cts. per mo; 100 w. 90 cts. per mo; coal $1.60. (Co. also lts. Alexandria and Orestes; sells energy in bulk to Town of Frankton.)
D H N S 3 ✣ 26

**ENGLISH,** 583—English Milling Co.; cap. $15,000.
Pres. & Mgr. Guy Longest........English
V. Pres. Benj. Mathers.......... "
¶ Sec. & Cont. Agt. J.C. Longest. "
*Treas. H. J. Brown.............. "
Engr. Pwr. Sta. Carl Conn........ "

1 d. c. Clark 40 kw. 120 v; no day cir; 80 hp. e. Ball; 80 hp. b. Atlas.

City cont. 50 incs. 32 c. p. $12 per yr; moonlt. 11 P. M; coal $1.10.
C L S ✣ 74

**ETNA GREEN,** 431—*Munic. Elec. Lt. Plant; cap. $3,500.
Pres. Bd. Willis Baker.......Etna Green
Supt. Bert Klingerman....... "

1 d. c. Ft. W. 28 kw. 250-125 v; 40 hp. e. (gas.) Jacobson: 1 gas pro. Smith.

City cont. 30 incs. 70 w; coal.
C G L ✣ 11

**EVANSVILLE,** 75,000 — Evansville Public Service Co. (Owned by Public Utilities Co., Evansville); cap. $1,350,000; bds. $2,540,000.
Chm. Bd. B. C. Cobb,
14 Wall St., New York, N. Y.
*Pres. Treas. & Gen. Mgr. A. C. Blinn, Evansville
V. Prest. H. W. Marshall.........Lafayette
Sec. F. J. Haas.................Evansville
Asst. Sec. & Asst. Treas.
C. H. Splittorff.............. "
Cont. Agt. H. T. Sharp........ "
¶ Pur. Agt. J. W. Alvey....... "
Supt. B. V. Bosard............ "

Energy from Public Utilities Co.: a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 350 type "C" lamps 1000-c. p. $55 per yr; 350 600-c. p. $45 per yr; 1000 250-c. p. $27 per yr. and 400 c. p. lamps $40 per yr; all nt; coal. (Also lts. Howell.)
D L 3 ✣ 125

**FAIRMOUNT,** 2,506—Marion Lt. & Htg. Co. See Marion.

**FARMERSBURG,** 1,115 — Sullivan County Elec. Co. See Sullivan.
Supt. D. R. Cummins...........Shelburn

Trans. volt. 11,000 v. s. ph; 2 transf. Hornberger 100 kw; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. 110 220 v. s. ph 60 cys.

City cont. 27 series 100 c. p. $30 per yr; Phila. moonlt.
D L 1 ✣ 113

**FERDINAND,** 827—Ferdinand Elec. Lt. Co.
Pres. & Treas.
J. H. Beckmann..............Ferdinand
*¶Sec. & Mgr. Wm. R. Sauer.... "
Engr. Pwr. Sta. Jos. H. Kuntz. "

1 a. c. Ft. Wayne 60 amps. 2000 v. s. ph. 133 cys; 1 d. c. Ft. Wayne 10 amps. 110 v; no day cir; 52 hp. e. Sknr; 50 hp. b. Erie; 45 amp. hrs. stor. bat. Willard.

City cont. 17 incs. Tung. 60 w. $8.40 per yr; slack $1.88; coal $2.
C L S 1 ✣ 35

**FLORA,** 1,386—Wabash Valley Utilities Co. See Fort Wayne.
Local Mgr. W. M. Sadler...........Flora

Purchases energy from Ft. Wayne & Northern Indiana Trac. Co; 3 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 51 series tung. (20 200-c.p. $40 per yr. & 31 100-c. p. $32 per yr); moonlt. midnt..
D L 3 ✣ ★125

**FT. BRANCH,** 1,182—Electric Lt. Co.; cap. $20,000.
Pres. W. C. Polk..............Ft. Branch
*Sec. Treas. & Mgr.
Homer T. Genung........... "
Asst. Sec. Treas & Mgr.
W. A. Polk................. "
Engr. J. Robert Wilson........ "

Purchase energy from Public Utilities Co., Evansville; trans. volt. 2300 v; 1 a.c. G. E. 100 kw. 2300 v. s. ph. 60 cys; a. c. nt. day & ltg. cir. 110 v; a. c. day & nt. mo. cir; 80 hp. e. Ide; 200 hp. b.C. & T. Brnl. (Plant held in reserve.)

City cont. 37 arcs. series 250 w. $60 per yr; moonlt. all nt; coal $1.05.
D L S 1 3 ✣ 125

**FORTVILLE,** 1,174—Trac., Lt. & Pwr. Co. See Anderson.

**FT. WAYNE,** 80,000—Fort Wayne & Northern Ind. Trac. Co. Office, 310 W. Main St. (Plants in Ft. Wayne & LaFayette.) (Owns Wabash Valley Utilities Co.); cap. $6,500,000; bds. $10,877,700.
Chmn. of Bd. J. Levering Jones
Philadelphia, Pa.
Pres. Jas. M. Barrett..........Ft. Wayne
V. Pres. & Treas H. C. Paul... "
Sec. Harry E. Vordermart..... "
*Gen. Mgr. S.W. Greenland.... "
Supt. Sales, Chas. B. Hart.... "
Supt. Distribn. E. Franklin... "
Claim Agt. F. R. Fahlsing.... "
Supt. Lt. & Pwr. E. S. Myer.. "
Engr. Pwr. Sta. W.J. Maxwells "

6 a. c. turbo-gen. West. G. E. tot. 22,000 kw. 4000 & 375 v. 3 ph. 60 & 25 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d.c. mo. cir. 500 v; 4900 hp.b. Bab. & W. Stir.

Coal $2.10. (Co. does ltg. in Roanoke, Delphi, Lagro, Burrows and Buck Creek and sells energy to Indiana Lighting Co. and Wabash Valley Utilities Co.)
C D R S 3 ✣ ★125

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Wabash Valley Utilities Co. (Owned by Ft. Wayne & Northern Indiana Trac. Co.); cap. $100,000.
Pres. Harry E. Vordermart....Ft. Wayne
¶ Sec. & Treas. Fred H. Schmidt "
Mgr. Sam W. Greenland........ "

Purchases energy from Ft. Wayne & Northern Ind. Trac. Co.; 6 transf. Ft. W. tot. 210 kw.; a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys;

City cont. 32 arcs 4 & 6.6 amp. $60 per yr; 94 incs. 80-100-150-200 c. p. $28-$30-$32-$40 per yr. (Co. also lts. New Haven, Ossian, Rockfield, Flora, Camden and Uniondale.)
D L 3 125

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Munic. Elec. Lt. & Pwr. Wks. Office, Barr & Berry Sts.; cost $500,000.
Mayor, W. J. Hosey...........Ft. Wayne
Controller, W. C. Boade...... "
Sec. J. Wessel................ "
Mgr. Jno. Wessel, Jr.......... "
Audr. J. J. Alt............... "
Cont. Agt. A. C. Halrock..... "
*¶Supt. Frank J. Dix......... "
Engr. Pwr. Sta. Henry M. Zauner "

3 a. c. G. E. tot. 2500 kw. 2200 v. 3 ph. 60 cys; 18 kw. G. E. rect. 75 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 110-220 v. s., 2 & 3 ph. 60 cys: 2750 hp. b. Lyons, Bass; 5500 kw. stm. turb. G. E.

City cont 600 arcs magn. 4 amps. $53 per yr; 255 Mazdas 60 w. $15 per yr; moonlt: coal $1.85.
D L S 1 2 3 65

**FOWLER,** 1,491—Interstate Public Service Co. For executive officers, see Indianapolis.
Engr. Pwr. Sta. F. L. Schott......Fowler

3 a. c. Allis-C. Bull. Elec. Mch. total 361 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. 110 v; a. c. mo. 220-110 v. s. & 3 ph. 60 cys; 360 hp. e. Atlas Ball; 300 hp. b. Atlas C. & T; also stm. htg.

City cont. 6 Tung. clusters 250 c. p. $75 per yr. and 49 Tung. 50 c. p. $20 per yr. moonlt; 55 incs. 80 c. p. $32 per yr. all nt; 4 ornamental lts. 350 c. p. $45 per yr. all nt. and 16 ornamental lts. 350 c. p. $32 per per yr. 10 P.M. except. Saturday, 11 P.M; coal $1.95. (Trans. to Brook, Goodland, Kentland, Morocco, Remington, Boswell, Earl Park, Wolcot and Reynolds.)

D H L S 1 3 ✠ ★16

**FRANCESVILLE,** 729—Central Indiana Wtr., Lt., Ht. & Pwr. Plant. (Owned and operated by Continental Utilities Co., Lansing, Mich., which see for executive officers.)
Supt. E. A. Armstrong.......Francesville

Energy purchased from Interstate Public Service Co.; trans. volt. 13,200 v. 3 ph. 60 cys; 6 transf. Ft. W. tot. 120 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 58 series incs. 4 amp. 80 c. p. midnt. $24 per yr; 24 series incs. 4 amp. 80 c. p. all nt. $36 per yr; moonlt. (Also lts. Monon and Medaryville.)

D L 1 3 16

**FRANKFORT,** 8,634—Munic. Lt. & Pwr. Plant. Office, 208 N. Jackson St.: bds. $10,000.
Pres. Bd. Arthur McKinsey...Frankfort
Sec. R. W. Hendrix.......... "
Treas. Robert Aughe........... "
*Supt. W. H. Carter............ "
Engr. Pwr. Sta. W. C. Thorpe.. "

1 rect. Westg. 35 lt; 2 a. c. Allis-C, Westg. tot. 1000 kw. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v. 2 ph. 60 cys; 1300 hp. b. Bab. & W; 1000 kw. turb. (stm.) Westg, Allis-C.

205 city arcs met. flame 275 w. $50 per yr; 12 carbon 50 w. $1.00 per yr; all nt; coal $1.70.

D L S 1 2 75

**FRANKLIN,** 4,502—Franklin Wtr., Lt. & Pwr. Co. Office, 508 Board of Trade Bldg., Indianapolis, Ind. (Controlled by Interstate Public Service Co. and is a subsidiary of the Middle West Utilities Co.): cap. $100,000; bds. $125,100, 5 p. c.
Pres. Chester P. Wilson.....Indianapolis
Sec. & Treas. Ira E. Guthrie.. "
Cont. Agt. T. A. Elder....... "
¶ Pur. Agt. C. H. Dallow.... "
*Mgr. S. S. Reno..................Franklin
Ch. Elecn. Ode White........... "

2 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Bckye; 500 hp. b. Lyons.

City cont. 147 incs. 250, 100 & 50 c. p. 5.5 amp. series $55.20, $22.05 & $11.05 per yr; all nt; coal $2. (Trans. to Greenwood.)

D L S 3 ★26

**FRANKTON,** 936—Munic. Water & Lt. Plant; cost $33,000.
Pres. Bd. H. I. Hicks............Frankton
Sec. & Treas. Raymond King... "
*Supt. W. L. Davis............. "

Purchases energy from Indiana General Service Co., Elwood; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 3 ph. 60 cys.

City cont. 50 series Mazdas 4 amp. 60 c. p; mdnt; coal $3.

D L 3 25

**FREMONT,** 694—*Munic. Lt. Plant.

L §115†

**GARRETT,** 4,149—Munic. Wtr., Ht., Lt. & Pwr. Dept.; cost $58,000; bds. $8,000.
Mayor, Dr. J. A. Clevenger.......Garrett
Chrmn. Wtr. & Lt.
C. C. Lindoerfer................. "
City Clerk, W. W. Mountz........ "
Treas. H. E. Wert................ "
Audr. L. C. Manion................ "
*Supt. G. C. Scott................ "
Ch. Engr. D. Carter ................ "
Engr. Pwr. Sta. T. Anspaugh..... "

2 a. c. Ft. W. tot. 350 kw. 2300 v. 3 ph. 60 cys; 1 rect. Ft. W. 50 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 525 hp. e. Harrisburg, Flemg; 400 hp. b. Bass; also stm. htg.

40 city arcs magn. 2000 c. p; 275 Ed. incs. 60 w; 44 standards 5-lt. and 6 standards 3-lt; moonlt; coal $2.45.

D H L S 3 ★125

**GARY,** 16,802—Gary Ht., Lt. & Wtr. Co. (Controlled by U. S. Steel Corpn.); cap. $1,250,000.
Pres. & Treas. L. W. McNamee......Gary
V. Pres. & Mgr. Leonard Fitzgerald "
Sec. W. J. Mlodoch................. "
Cont. Agt. L. B. Snowden.......... "
¶ Pur. Agt. J.C. Hoot........Chicago, Ill.
*Supt. F. W. Van Sise................Gary

Energy from Illinois Steel Co.; 6600 v. 3 ph. 25 cys; 12 transf. Allis-C, Pittsburg tot. 4100 kw; 2 freq. changers G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 400 arcs magnetite 4 amp. $75 per yr; 1100 series incs. 6.6 amp. 7½ cts. per kw. hr; 11 P. M. (Furnishes energy to Gary & Southern Trac. Co.)

D L 1 3 ✠ 125

**GAS CITY,** 3,224—Munic. Elec. Lt. & Wtr. Plant; cost $38,000.
Pres. O. Gordon....................Gas City
V. Pres. B. H. Saunders........ "
Treas. W. C. Jay................ "
*¶Mgr. S. McKee................ "
Ch. Engr. J. L. Taylor........... "

a. c. day & nt. ltg. cir. 2200-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Bates, Rus; 400 hp. b. C. & T.

20 com. arcs 1000 c.p. $48 per yr; moonlt; coal $2.15.

D L S 3 104E

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Marion Lt. & Htg. Co. See Marion.

**GILEAD,** 130—The Akron Lt., Ht. & Pwr. Co. See Akron.

a.c. day & nt. ltg. cir. 220-110 v. 25 cys.

D L 125

**GOODLAND,** 1,105—Interstate Public Service Co. See Indianapolis.

Trans. from Fowler and Monticello; 3 ph. 60 cys.

City cont. 54 incs. 350, 200, 100 & 60 w. $65, $50, $35 & $30 per yr; all nt.

L 3 ✠ 16

**GOSHEN,** 8,514—The Hawks Elec. Co. Office and gen. sta., Goshen. Cap. $200,000; bds. $128,000.
Pres. F. E. C. Hawks ............Goshen
V. Pres. E. W. Hawks............ "
*¶Sec. & Mgr. Owen C. Cover..... "
Ch. Engr. Chas. Yoder........... "

5 a. c. G. E. Allis-C. tot. 1350 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 250 hp. e. Nord, Cor; 1250 kw. stm. turb. G. E. Curtis, Allis-C; 1100 hp. turb. Lef; 1200 hp. b. Bass.

Coal $2.00. (Lts. Millersburg, New Paris and Wakarusa; sells in bulk to City of Bremen, Syracuse Pwr. & Lt. Co. (Milford & Syracuse) and Middlebury Elec. Co.)

D L S W 1 3 ✠ 26

Munic. Elec. Lt. Plant.
Mayor, S. F. Spohn..................Goshen
*Treas. Wesley Reams..............  "
Clerk, Wm. A. Brooks..............  "
¶ Supt. & Ch. Engr. D. Hamilton..  "

2 a. c. Ft. W. tot. 375 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 575 hp. e. H. & F; 440 hp. b. Bass.

185 city arcs magn. Wood $60 per yr; 120 incs. 50-500 w. 3 cts. per kwh. (est.); coal $2 60.

D L S 1 3 ★16

**GOSPORT,** 776—The Spencer Lt., Pwr., Ht. & Wtr. Co. See Spencer.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 46 Tung. 100 w. $25 per yr; moonlt.

D L 1 ✠ 125

**GRAND VIEW,** 1,000—Rockport Wtr. Wks. Co. See Rockport.

City cont. 27 incs. 40 cp. $18 per yr.

L 125

**GREENCASTLE,** 3,790—Putnam Elec. Co. Cap. pd. in $50,000, 5 p. c. div; bds. $50,000, 6 p. c. int.
Pres. James N. Halstead..........Brazil
V.Pres. Wm. E. Halstead. Los Angeles, Cal.
*¶Sec. & Mgr. John G. Bryson.....Brazil
Supt. I. J. Bell...............Greencastle

8 a. c. G. E, Ft. W. tot. 570 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 600 hp. e. Ball, Erie; 750 hp. b. Edgemoor.

City cont. 254 Mazdas $20 per yr; moonlt; coal $2.60.

D L S 3 ✠ ★125

**GREENFIELD,** 4,448—Munic. Elec. Lt. Plant; bds. $22,000; cost $50,000.
Mayor, J. Q. Johnson..........Greenfield
*Gen. Supt. E. C. Wolfe.......  "
Engrs.
Earl Lanham.........  "
Geo. Harold..........  "
H. G. Smith..........  "

3 a. c. G. E. West. tot. 687 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 800 hp. e. Bckye, Ironton, Sknr; 500 hp. b. Stir.

City cont. 122 nitrogen lamp series 80 & 250 c. p. 3 cts. per kw. hr; moonlt. all nt; 51 5-lt. posts. $22.50 per yr; coal $1.90. (Sells energy to Citizens' Elec. Co.)

D L S 1 2 16

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Citizens' Elec. Co.; cap. $1,000; no bds.
Pres. J. J. Pratt....R. F. D. 6, Greenfield
*Sec. & Supt.
Elam E. Leary....  "  "
Treas. C. M. Curry.  "  "

Buys energy from City; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys.

D L 1 44

**GREENSBURG,** 5,420—Greensburg Gas & Elec. Co.; cap. $65,000; no bds.
Pres. W. W. Woodfill..........Greensburg
V. Pres. J. B. Bracken.......  "
¶ Sec., Treas. & Mgr.
Web. Woodfill..............  "
*Supt. H. T. Woodfill........  "
Engr. Pwr. Sta. J. Spinger..  "

3 a. c. Bull. West. tot. 405 kw. 110 v. s. ph. 60 cys; a. c. day cir. 110 v; — hp. e. (gas).

City cont. 132 arcs A-B. $69 per yr; all nt; nat. gas. 15 cts.

D G L 1 ✠ 74

**GREENTOWN,** 1,166—Indiana Rys. & Lt. Co. See Kokomo.

**GREENWOOD,** 1,608—Interstate Public Service Co. For executive officers, see Indianapolis.
Line Foreman, Walter Service..Greenwood

1 a. c. Ft. W. 90 kw. 2200-110 v. s. ph. 60 cys; no day cir; 120 hp. e. Atlas; 200 hp. b. Atlas; also 10-ton ice plant (Carbondale); also receives energy from Franklin Wtr., Lt. & Pwr. Co.

City cont. 34 arcs 6.6 amp. 2000 c. p. $75 per yr; moonlt; coal $1.75.

I L S 1 ✠ ★16

**HAGERSTOWN,** 936—*Munic. Elec. Lt. Plant; cost $9,000; bds. $7,250.
Supt. A. A. Peele............Hagerstown

2 d. c. inc. W. E. tot. 40 kw. 250 v; no day cir; 120 hp. e. Maranetta.

23 city tung. 80 c. p.

C L S 23

**HAMMOND,** 20,925—Northern Indiana Gas & Elec. Co. Office, 571 Hohman St. Pwr. plants at Michigan City, Hammond and E. Chicago. (Controlled by United Gas Improvement Co.) (The Public Service Commission has authorized this Company to purchase the General Service Co. and the Indiana Lighting Co.); cap. stock $5,000,000 ($1,000,000 prfd.); bds. $8,929,500.
Pres. C. H. Geist..............Hammond
V. Prests.
B. S. Walters.......  "
Walton Clark......Phila, Pa
Lewis Lillie........  "
Sec. G. W. Curran...............  "
Treas. & Asst. Sec'y
H. C. Miller....................Hammond
Asst. Sec'y & Asst. Treas.
I. W. Morris.....................  "
Cont. Agt. A. E. Oltz.............  "
¶ Pur. Agt. J. A. Pearson.....Phila., Pa.
Engr. Pwr. Sta. E. A. Rathbun. Hammond

Pwr. stas. equip. (Hammond and E. Chicago): 5 a.c. West. tot. 11,800 kw. 2300 & 11,000 v. 3 ph. 60 cys; 5 rect. G. E, West. tot. 71 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-440-220-110 v. s. & 3 ph. 60 cys; 4664 hp. b. Heine; 1066 hp. e. Allis-C; 13,000 hp. turb. (stm.) West; also purchases energy from Chicago, Lake Shore & South Bend Ry. Co.; 3 West. transf. tot. 2250 kw.

City cont. 710 arcs a. c. & d. c. series 6.6 & 4 amp. $60 to $90 per yr; 969 tung. & carbon mult 60-100-128 w. $21.60 to $60 per yr; all nt; coal $1.80. (Co. also lts. Whiting, East Chicago, Griffith, Highlands and Dyer; sells energy to Valparaiso Ltg. Co. and W. Hammond (Ill.) Gas & Elec. Co.)

D N S 1 3 ✠ 26w

**HANOVER,** 356—Hanover Lt. & Pwr. Co; cap. $2,500; no bds.
*Pres. Jas. C. Reid................Hanover
V.Pres. Pearl Sample.............  "
Sec. & Treas. Ida A. Reed.........  "

Purchases energy from Madison Lt. & Ry. Co; 14 transf. G. E. tot. 25 kw; a. c. day & nt. lt. cir. 110 v.

City cont. 20 incs. 60 w. $10 per yr; 11:30 P. M.

D L X 124

**HARMONY,** 1,020—Terre Haute, Indianapolis & Eastern Trac. Co. See Terre Haute.

**HARTFORD CITY,** 6,187—Muncie Elec. Lt. Co. See Muncie.
Local Mgr. Henry Wallsmith
Hartford City

City cont. 80 arcs 6.6 amp. $68 per yr; moonlt.

L X 26

**HAUBSTADT,** 427—Zilick & Schafer Milling Co.
*Sec. A. J. Zilick...............Haubstadt
L 104E

**HOBART,** 1,753—*Munic. Elec. Lt. Plant; bds. auth. $23,000, issued $11,000, 6 p. c. int.
Pres. H. E. Keilman..............Hobart
Sec. Wm. Killegrew..............  "
Treas. Wm. Jahnke...............  "
¶ Mgr. O. L. Shore................  "
Engr. Pwr. Sta. F. Yager.........  "

2 a. c. Allis-C. tot. 245 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 400 hp. e. Allis-C, Ball; 300 hp. b. Brnl.

24 city arcs 1200 c. p. $60 per yr; 15 carbon 32 c. p. $8 per yr; moonlt. 2 A. M; coal $2.90.

D L S 1 3 23

**HOPE,** 1,228—Pulse & Porter Elec. Lt. Plant.
*Mgr. Will Porter....................Hope

2 d. c. inc. Akron, G. E. tot. 110 kw. 220 v; d. c. nt. ltg. cir. 220 v; 160 hp. e. Atlas; 200 hp. b. Atlas; also stm. htg. and 10-ton ice plant (Vogt).

City cont. 20 arcs. 2000 c. p. $60 per yr; 2000 incs. 10 cts. per kw.

Moonlt. coal $2.20.

C H I L S ✠ 34†

**HOWE,** 587—Star Milling & Elec. Co.
*Owner & Mgr. O. P. McKee........Howe

2 a. c. West. tot. 140 kw. 2400 v. 3 ph. 60 cys; 140 hp. turb. (wtr.) Lef.

L W 3 75

**HOWELL,** 1,424 — Evansville Public Service Co. See Evansville.

**HUNTINGBURG,** 2,464—Munic. Lt. Plant. Cost $40,000.
Mayor, Phil. Bamberger....Huntingburg
¶Chrmn. Ernest Klausmeyer "
Clerk, F. A. Sanderman.... "
Treas. E. J. Killian......... "
*Supt. H. E. Taylor........ "
Engr. Pwr. Sta. Leo Greive.. "

2 a. c. West., G. E. — kw 2200 v. 3 ph. 60 cys; a. c. day nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. Sknr; 300 hp. b. Brnl, H. S. & G.

City cont. — Mazdas, 400 c. p. $55 per yr., 250 c. p. $44 per yr., 100 c. p. $25 per yr; moonlt; coal $1.35.

D L S 3 ★125

**HUNTINGTON,** 15,000—The Huntington Lt. & Fuel Co.; cap. $250,000.
Pres. J. F. Bippus.............Huntington
*Sec. Frank Martin ........ "
Treas. & Supt. F. D. Townsend "
Engr. Pwr. Sta. Geo. Lowman "

2 a. c. G. E. tot. 1900 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 110 v; 1200 hp. e. Ham, Cor, H. O. & R; 2000 hp. b. Stir; 1000 kw. stm. turb. Curtis; also stm. htg.

Coal $2.

D H L S 3 ✠ 125

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Munic. Elec. Lt. Plant.
*Ch. Engr. Joseph Emmons..Huntington

1 a.c. West. 250 kva. 2300 v. 3 ph. 60 cys; nt. ltg. cir; 150 hp. e. Haberkorn; 400 hp. b. Bass.

152 city arcs A. B, Ft. W. 2000 c. p $34.40 per yr; moonlt; all nt; coal $3.10

L S 3 75w

**HYMERA,** 1,515—Jasonville Wtr. & Lt. Co. See Jasonville.

**INDIANAPOLIS,** 233,650—Indianapolis Lt. & Ht. Co. Office, 48 Monument Pl.; (2 gen. stas.); cap. $2,000,000; bds. $3,397,000.
Pres. Chas. C. Perry.........Indianapolis
V.Pres.&Treas.Thos.A.Wynne "
*¶Sec. Walter C. Marmon....... "

5 a. c. G. E. tot. 27,000 kw. 4100 v. 3 ph. 60 cys; 11 d. c. G. E. tot. 3200 kw. 250 v; a. c. & d. c. day & nt. ltg. & mo. cir. 118 v; 2300 hp. e. Lake Erie, Wms; 12,100 hp. b. Sterling, Bab. & W. 36,200 hp. stm. turb. Curtis, G.E; 2 stor. bat. tot. 17,000 amp.-hrs. 250 v. E. S. B; stm. htg.

Coal $1.50. (Co. lts. suburbs and Lawrence, Beech Grove, Cumberland, West Newton, Valley Mills, Bridgeport, New Augusta, Old Augusta, Millersville and Southport.)

C D H L S 3 ✠ 16

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Merchants Heat & Lt. Co., 33 S. Meridian St. (Controlled by American Public Utilities Co.); cap. $1,374,000; bds. $4,062,000.
Pres. & Treas. H. H. Harrison Indianapolis
V. Pres. James W. Fesler.... "
*¶Sec. Paul D. Birdsall...... "
Mgr. Albert W. Higgins...... "
Audr. Henry Knaff.......... "
Sales Mgr.
Roy A. MacGregor........ "
Supt. Pwr. Plants,
M. L. Addington............ "
Engrs. Pwr. Sta. { N. Willey. "
T. Grady. "
A. Shimer "

7 a. c. Allis-C, West. tot. 20,500 kw. 4000 v. 3 ph. 60 cys; 6 d. c. West. tot. 5000 kw. 250 v; a. c. & d.c. day & nt. ltg. cir. 120-240 v; a. c. day & nt. mo. cir 240-480-2400 v; d. c. day & nt. mo. cir. 240 v; 4000 kw. e. Allis-C; 16,500 turb. stm. West, Allis; 14,000 hp. b. Sterling, Wick; 5320 amp.-hrs. stor. bat. 315 v. E. S. B; also stm. htg.

City cont. 2736 flame a. c. series 10 amp. arcs $41.98 per yr; 1700 ornamental 1-lt. posts, series 150, 250 & 400 c.p. 10 amp. $27.71 & $35.41 per yr; all nt; coal $1.25 and $1.60. (Co. lts. Indianapolis, Broad Ripple, Ben Davis and Mars Hill.)

C D H L S 3 ★16

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Interstate Public Service Co. General office, 508 Bd. of Trade Bldg. (A subsidiary of the Middle West Utilities Co.) (Operates plants in Bedford, Brook (reserve), Crown Point, Fowler, Greenwood, Kentland (reserve), Lebanon, Monticello, New Castle, Remington (reserve), Salem, Seymour, Shelbyville, and serves by transmission lines the following towns: Lowell, Boswell, Brook, Earl Park, Goodland, Kentland, Morocco, Remington, Reynolds and Wolcott; sells energy in bulk at Chalmers and Brookston, and to Central Indiana Wtr., Lt., Ht. and Power Plant. Operates, under lease, Indianapolis, Columbus & Southern Trac. Co., and controls Franklin Wtr., Lt. & Pwr. Co., Central Indiana Ltg. Co. and Corydon Lt. & Wtr. Co.); cap. auth. $8,000,000.
*Pres. Chester P. Wilson...Indianapolis
V. Pres. Geo. H. Voigt......Jeffersonville
Sec. & Treas. Ira E. Guthrie..Indianapolis
¶Pur. Agt. C. H. Dallow...... "
Com. Mgr. & Supt.
T. A. Elder.................. "
Safety Agt. James Harmon.... "

L ✠ ★16

**JASONVILLE,** 3,295—Jasonville Wtr. & Lt. Co. (Controlled by Sullivan County Elec. Co.)
Pres. Flem. Van Meter.........Jasonville
*Mgr. M. A. Ingole............. "
¶Pur. Agt. C. M. Poor............Clinton
Ch. Engr. John Mason........Jasonville

2 a. c. G. E. tot. 335 kw. 2300 v. 3 ph. 60 cys; trans. 6600 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 500 hp. e. Erie, Chuse; 300 hp. b. C. & T.

City cont. 71 incs. 100 w. 35 per yr; 5 incs. 350 w. 6.6 amp; all nt; coal $1.15. (Co. also lts. Coalmont and Hymera.)

D L S 1 3 ✠ ★125

**JASPER,** 2,196—Munic. Elec. Lt. & Wtr. Wks.; cost, $35,000; bds. $9,000.
Pres. Bd. Jos. A. Eckert...........Jasper
Elec. Lt. Com. { Geo. P. Wagner....... "
A. Richards........... "
John F. Schneider.... "
F. Blessinger.......... "
Sec. & Treas. Jos. A. Wuchner.... "
*¶ Mgr. & Cont. Agt.
Joseph P. Kunkel............... "
Ch. Engr. & Ch. Elecn.
Ed. J. Kunkel.................. "

2 a. c. West. tot. 375 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v;

a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 520 hp. e. H. F. & M; 400 hp. b. Atlas, Brnl.

City cont. 30 arcs a. c. multiple 6 amp; 9 incs. a. c. series 6.6 amp; 14 a. c. multiple 100 w; 40 a. c. multiple 60 w; moonlt. mdnt; coal $1.70.

D L S 1 2 ✠ 25

**JEFFERSONVILLE,** 10,412—United Gas & Elec. Co. See New Albany.

Current from New Albany; 1 transf. G. E. 500 kw; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys.

City cont. 134 arcs 6.6 amp. $60 per yr; all nt.

D L 3 ✠ 75

**JONESBORO,** 1,573—Marion Lt. & Htg. Co. See Marion.

**KENDALLVILLE,** 4,981—Munic. Elec. Lt. Plant; cost $95,000.

Mayor, C. M. Case..........Kendallville

Committee
Chrmn. J. A. Shaffer. "
A. Fetter....... "
F. B. Iddings... "

*¶ Supt. S. E. Dickinson.... "

Ch. Engr. C. F. Dickinson .. "

2 a. c. Ft. W. G. E. tot. 450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 675 hp. e. Allis-C; 450 hp. b. Std., Stir.

City cont. 148 Mazdas "C" 250 c. p. 2½-4½ cts. per kw. hr; 64 Mazdas 100 w. and 212 Mazdas 60 w. 6½ cts. per kw. hr; moonlt. all nt; coal $2.80.

D L S 1 3 26

**KENTLAND,** 1,209—Interstate Public Service Co. For executive officers, see Indianapolis.

Mgr. H. P. Broughton..........Kentland

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e; 400 hp. b. Erie. Equipt. held in reserve; energy from Fowler and Monticello.

City cont. 50 incs. 75 w. $30 per yr all nt; 4 5-lt. posts and 15 3-lt. posts 60 w. tot. $506 per yr. 10 P. M. except Saturday 11 P. M.

D L S 3 ✠ ★16

**KNIGHTSTOWN,** 2,008—Munic. Water & Lt. Plant; cost $37,000 (ltg.) and $44,000 (wtr.) Bds. $12,000.

*¶Supt. E. M. Sherburne...Knightstown

Engr. Pwr. Sta. H. Ramsey.. "

2 a. c. G. E. tot. 215 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; ; 100 kw. turb. (stm.) G. E; 175 hp. e. Ham, Cor: 350 hp. b. Stir.

120 city tung. moonlt; coal $2.75.

D L S 1 3 125

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Terre Haute, Indianapolis & Eastern Traction Co. See Terre Haute.

**KNOX,** 1,644—Knox Elec. Lt. & Pwr. Co; cost $23,740.

*¶Owner & Mgr., Thos. A. Grist...Knox

Line Foreman, Leonard Smart..... "

Reserve; 1 d. c. W. E. 65 kw. 220 v: 250 hp. e. Fulton Cor; 400 hp. b. Atlas, Heine.

Purchases energy from Plymouth Elec. Lt. & Pwr. Co: 3 transf. Duncan tot. 120 kw; a. c. day & nt ltg. cir. 220 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 95 Mazdas 40, 60, 100, 150 w. $13, $18, $28 and $33 per yr; moonlt. screenings $1.95. (Will install 200 kw. a. c. 220-40 volt. gen. for reserve and discard d. c. gen.)

C D L S 1 3 ✠ ★125

**KOKOMO,** 17,010—Indiana Rys. & Lt. Co.

Pres. Geo. J. Marott..........Indianapolis

V. Pres. & Gen. Coun.
L. J. Kirkpatrick................Kokomo

Sec. Treas. & Gen. Mgr.
T. C. McReynolds................ "

Actg. Audr. Karl A. George...... "

Asst. Mgr. & Asst. Treas.
P. H. Palmer.................. "

Cont. Agt. O. M. Booher........ "

*¶ Asst. Sec. R. M. Blackmore.. "

Supt. Ovhd. Distrbn. G. H Losey "

Supt. Undgrd. Distrbn.
T. E. Turley.................... "

Ch. Engr. Pwr. Sta. R. Hollis... "

4 a. c. G. E, West. Allis-C. tot. 6500 kw. 2300 v. 2 ph. 60 cys; trans. 11,000-22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 208 v. s. & 2 ph. 60 cys; 9750 hp. turb. (stm.) Allis-C, West, G. E; 3840 hp b. Stir; stm. htg.

City cont. 275 arcs W. E. 450 w. $60 per yr; 522 Mazdas 100 w. $25 per yr; 60 w. lamps 11 P.M. $7.80 per yr; all nt; screenings $1.60-$1.70. (Co. also lts. Greentown, Herbst, Russiaville, Forest, Michigantown, West Middleton, New London, Sims, Swayzee, Burlington and Kirklin and intermediate rural districts. Sells energy to Wildcat Utilities Co. and Converse Lt. & Pwr. Co.)

D H R S 1 2 3 ★125

**LADOGA,** 1,148—The Ladoga Lt. Co.; cap. $11,000, 6 p. c. div; no bds.

Pres. S. F. Kyle....................Ladoga

*V. Pres. E. E. Lidikay.............. "

¶ Sec. Treas. & Mgr. J. E. Lidikay "

Engrs. Pwr. Sta.
L. Shaw........ "
Jasper Dinsmore "

1 d. c. arc W. E. 30 lt; 1 a. c. T. H. 1200 kw. 1100 v. s. ph. 133 cys; no day cir; 101 hp. e. Atlas; 125 hp. b. Atlas.

City cont. 20 arcs 1600 c. p. $65 per yr; 1000 incs. 10 cts. per kw; moonlt. coal.

L S 1 ✠ 23

**LA FAYETTE,** 23,948—General Service Co. Office, 1414 Merchants Bk. Bldg., Indianapolis. Cap. $900,000; bds. $141,000. (The Public Service Commission has authorized the sale of this company to the Northern Indiana Gas & Elec. Co.)

*Pres. & Gen. Mgr.
S. T. Murdock..............Indianapolis

V. Pres. C. M. Murdock.......La Fayette

¶ Sec. Treas. & Audr.
A. E. Scheithe..............Indianapolis

Local Mgr. Thos. Donohue....La Fayette

4 d. c. W. E. tot. 400 kw. 500-250 v; 3 a. c. Westg, W. E. tot. 1200 kw. 2200-110 v. 3 ph. 60 cys; 1 turbo-gen. G. E. Curtis, 2500 kw. 2300 v. 3 ph. 60 cys; 8 rect. Westg. tot. 425 lt; d. c. day cir. 220 v; a. c. day & nt. ltg. cir. 110 v; mo. cir. 500-250 v; 2000 hp. e. Westg., Ham., Cor; 2000 hp. b. Stir; also stm. htg.

City cont. 462 arcs $43 per yr; 44 nitro lamps 200 w; moonlt; coal $1.60.

C D H L S 3 ✠ 26

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Indiana Lighting Co. Office, 1414 Merchants Bk. Bldg., Indianapolis. Cap. $4,500,000; bds. $2,979,000. (The Public Service Commission has authorized the sale of this company to the Northern Indiana Gas & Elec. Co.)

Pres. C. F. Dieterich....New York, N.Y

V. Pres. & Mng. Dir.
S. T. Murdock..............Indianapolis

Sec. & Treas.
Alfred E. Dieterich....New York, N.Y.

¶ Pur. Agt. A. E. Scheithe..Indianapolis

Buys energy from Ft Wayne & Northern Indiana Trac. Co; a. c. day & nt. ltg. cir. 110 v.

35 com. arcs 1200 c. p. 9 cts. per kw.

D L ✠ 26

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Fort Wayne & Northern Indiana Trac. Co. See Ft. Wayne.
Supt. J. Abbott................La Fayette
Ch. Engr. J. R. Sharp........ "

4 a. c. West. tot. 2000 kw. 2300 v. 2 ph. 60 cys. & 375 v. 3 ph. 25 cys; trans. volt. 2300 v. 2 ph. 60 cys. & 33,000 v. 3 ph. 25 cys; 2600 hp. b. Sterling. Coal $1.60.
R S 3 ★125

**LA GRANGE,** 1,772—LaGrange County Lt. & Pwr. Co. Wtr. pwr. plant at Ontario, steam plant at La Grange; cap. issued $50,000; no bds.
Pres. G. C. Nichols...........La Grange
V. Pres. L. M. Rowe.......... "
¶ Sec. & Mgr.
George F. Avis......... Hudson, Mich.
Treas. Floyd D. Avis..... "
*Supt. L. G. Young............La Grange
Engr. Pwr. Sta. Earl R. Niles.. "

4 a. c. Warn, Ft. W, G.E. tot. 475 kw. 1100 v. s. ph. 125 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 150 hp. e. Cooper, Cor; 140 hp. b. Cooper; 260 hp. wtr. wh. Lef.

City cont. 130 incs. series 200 & 100 c. p. $30 & $19 per yr. all nt. coal $2.60. (Co. also lts. Ontario, Wolcottville, Rome City and Valentine.)
D L S W 1 ✠ ★125

**LAGRO,** 463—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne.
Local Mgr. F. C. Harrell...........Lagro

Energy from Ft. Wayne 39 miles, 33000 v. 3 ph. 25 cys; 3 transf. West tot 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 375 v. 3 ph. 25 cys.

City cont. 3 arcs series 80 c. p. $22 per yr; 2 arcs series 100 c. p. $27 per yr; 1 A.M.
D L 3 125

**LAPEL,** 1,045—Noblesville Ht., Lt. & Pwr. Co. See Noblesville.

City cont. 10 incs. 100 w. series $30 per yr. and 23 incs. 60 w. series $24 per yr. moonlt. all nt.
L 125

**LA PORTE,** 10,525—La Porte Gas & Elec. Co. Controlled by United Lt. & Rys. Co.; cap. $750,000.
Pres. Wm. A. Martin.............La Porte
V. Pres. C. M. Hurd..Grand Rapids, Mich.
Sec. Treas. & Mgr.
C. M. Cook......................La Porte
Supt. Chas. C. Foutz............ "
Engr. Pwr. Sta. J. E. Spicer..... "

3 a. c. G. E. tot. 1570 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1000 hp. e. Allis-C. & Ellis Cor; 1966 hp. b. Sterling; 1000 kw. turb. (stm.) G. E. Curtis; also hot water htg.

City cont. 225 type "C" lamps 400 c.p. $57.50 per yr. and 25 type "C" lamps 100 c.p. $24 per yr; all nt; screenings. (Co. has 6600 v. s. ph. 60 cys. trans. line to Westville, and supplies pwr. to farmers along the line.)
D H L S 1 3 ★16

**LAWRENCEBURG,** 3,930 — *Munic. Elec. Lt. Plant; cost $38,000.
¶Pur. Agt. Theo. Ludewig. Lawrenceburg
Supt. Benj. Brinkman..... "

91 city arcs.
L 34†

**LEBANON,** 5,474 — Interstate Public Service Co. For executive officers, see Indianapolis.
Mgr. G. J. Oglebay..............Lebanon
Ch. Engr. Pwr. Sta. F. Gipson.... "

4 a. c. G. E. tot. 720 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1450 hp. b. C. & T; 300 hp. turb. (stm.) G. E; 650 hp. e. Deisel; (also ice plant).

City cont. 102 G. E. incs. series 6.6 amp. 600 c.p. $62.50 per yr. and 15 incs. mult. 100 w. $26 per yr. all nt; 45 1-lt. ornamental posts 400 c.p. $55 per yr. all nt. and 45 1-lt. ornamental posts 400 c.p. $40 per yr. 11 P. M; coal $1.75; oil 5¼ cts. per gal.
D G I L S 3 ✠ ★16

**LEESBURG,** 401—Leesburg Lt. & Wtr. Co; cap. $4,000; note $800.
Pres. Frank Bortz...............Leesburg
V. Pres. C. O. Gawthrop........ "
*¶ Sec. & Mgr. W. H. Stanley... "
Treas. H. E. Knisey............ "

Buys current from Winona Interurban Ry. Co.; 2 West. transf. tot. 40 kva. 2300 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 25 cys.

City cont. 20 series Tung. 100 w. 10 cts. per kw; moonlt.
D L 1 3 125

**LIBERTY,** 1,338—Liberty Lt. & Pwr. Co. See Richmond.

a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys.

City cont. 153 "C" incs. 100 c. p. $36 per yr; all nt.
D L 1 3 25

**LIGONIER,** 2,173—Lyon & Greenleaf
*Mgr. A. W. Lyon...............Ligonier

3 a. c. G. E. tot. 300 kw. 2300-110 v. 3 ph. 60 cys; 1 rect. G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 580 hp. e. Rus, Bckye; 700 hp. b. Heine, Bab. & W.

City cont. 49 arcs 4 amp. $65 per yr; 137 Tung. 60 w; moonlt. all nt; coal $2.55.
D L S 3 ✠ 16

**LINDEN,** 656—Montgomery Lt. & Pwr. Co. For executive officers, see New Richmond.
Local Mgr. Arthur Fraley........Linden

1 transf. G. E. 25 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 42 type "C" lamps 250 & 100 w. tot. $1000 per yr. moonlt. midnt.
D L 1 105

**LINTON,** 5,906—Munic. Elec. Lt. & Pwr. Plant: bds. $10,000.
Mayor, Joe Turner.................Linton
Chrmn. Lt. Comm. C. D. Maxwell. "
Clerk, M. W. Gilbreath............ "
Treas. John C. Cravens........... "
*Supt. Virgil Ussey................ "
Engr. Pwr. Sta. D. Payne.......... "

2 a.c. G.E. Allis C tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 600 hp. e. Bates, Allis C; 575 hp. b. C. & T.

150 incs. series 6.6 amp. 100 c.p. 5 cts. per kw; all nt; coal 90 cts.
D L S 3 ★16

**LOGANSPORT,** 19,050—Munic. Elec Lt. Plant.
*¶ Supt. & Cont. Agt. Lloyd Kerns
Logansport
Engr. Pwr. Sta. A. Balzell... "

5 a. c. West. G. E. tot. 1700 kw. 2300 v. 3 ph. 60 cys; 5 rect. Westg. tot. 250 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 650 hp. e. Erie, Bckye; 1250 kw. turb. (stm.) West. G. E; 200 hp. turb. (wtr.) Downing; 2200 hp. b. Erie, Frmn.

235 city arcs a.c. series 7.5 amps; moonlt; coal $3.10.
D L S W 3 44w

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The Logansport Htg. Co. Office, 611 Erie Ave; cap. outstdg. $100,000; bds. $38,000.
Pres. H. F. Wills.............Logansport
V. Pres. E. C. McMustry.........Frankfort

Sec. F. B. Wilkinson..........Logansport
Treas. Carl S. Wise........... "
*Mgr. Geo. H. Alexander..... "
2 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys; 500 hp. e; 1000 kw. stm. turb; 1800 hp. b. Wickes, Stir; also steam heating.
Screenings $1.50.
D H L S 3 25

**LOOGOOTEE,** 2,154—Loogootee Elec. Lt., Pwr. & Wtr. Co.; cost $20,000.
Pres. & Treas. Frank J. Burger Petersburg
V. Pres. Gus Frank.......... "
*¶Sec. & Mgr. Jesse Rutledge. Loogootee
Engr. Pwr. Sta.
Richard Spaulding.......... "
1 a. c. G. E. 180 kw. 2300 v. s. ph. 60 cys; a.c. nt. ltg. cir. 106 v; a. c. mo. cir. 110-220-2300 v. s. ph. 60 cys; 200 hp. e. H. O. & R; 200 hp. b. C. & T.
Coal $1.55. (Contemplates establishing 24-hour service.)
L S 1 ✢ 125

**LOWELL,** 1,235—Interstate Public Service Co. See Indianapolis.
Energy from Crown Point.
City cont. 32 arcs 6.6 amp. $75 per yr; 5 incs. series 6.6 amp. 80 c. p. $27 per yr; 5 incs. mult. 100 w. $18 per yr; all nt.
L ✢ 16

**MADISON,** 6,934—Madison Lt. & Ry. Co.; cap. $150,000; bds. $100,000.
*¶ Pres., Treas. & Mgr.
M. F. Tennis..................Madison
V. Pres. Earl S. Gwin........New Albany
Sec. & Audr. Mabel Robinson...Madison
Engr. Pwr. Sta. S. R. Taylor.... "
2 a. c. C.-W. 550 kva. 2300 v. 3 ph. 60 cys; 1 d. c. Tri. 100 kva. 550 v; 3 arc G.E. 50 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v; 550 hp. b. Bab. & W, Climax; 825 hp. e. Bckye, Ball. Mad.
City cont. 135 arcs G. E. lumn. 2000 c. p. $80 per yr; all nt; coal $2.15. (Co. also lts. North Madison and sells energy to Hanover Lt. & Pwr. Co.)
C D R S 3 ✢ 25

**MARION,** 19,359—Marion Lt & Htg. Co. (Owned by The Am. Gas & Elec. Co., 30 Church St., New York City); cap. $300,000; bds. $60,000.
Pres. R. E. Breed...... } 30 Church St.
V. Pres. Geo. N. Tidd. } New York, N.Y.
Sec. F. Sweezey..................Marion
Treas. Frank B. Ball, 30 Church St., New York, N. Y.
Mgr. S. H. Smith..................Marion
Supt. Ora M. Drischel............ "
Cont Agt. H. E. Gant ............ "
¶ Pur. Agt M. B. Feldman, 30 Church St., New York, N. Y.
Ch. Engr. Wm. F. Thompson... Marion
4 a. c. Curtis tot. 2000 kw. 2300 v. 3 ph. 60 cys; trans. 33,000 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; d.c. mo. cir. 220-440 v; 2360 hp. b. Stir, Edge; 2000 kw. turb. (steam) Curtis; also hot water htg.
Slack. (Sells energy in bulk to City of Marion and to Marion & Bluffton Trac. Co.; also serves Jonesboro, Fairmount, Gas City, Upland, Summitville, and Sweetser.)
C D H N S 3 26

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*Munic. Elec. Ltg. System; W. 7th St.; cost $24,000; no bds.
Board of { Mayor, J.O. Batchelor..Marion
Public { Tom E. Petrie.......... "
Works { Leo Nusbaum.......... "
¶ Supt. E. Hulley.................. "
Current purchased from Marion Lt. & Htg. Co.
300 city arcs West. $33.66 per yr; moonlt; all nt.
L 14

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Marion & Bluffton Trac. Co; cap. outstdg. $216,000; bds. $504,000.
Pres. James W. Sale ............Bluffton
V. Pres. Abram Simmons....... "
*¶Sec. & Mgr. W. A. Patton.... "
Treas. J. S. Gilliland........... "
Audr. Jas. S. Clark.............. "
Energy purchased from Marion Lt. & Htg. Co.; 20 transf. Westg tot. 1500 kw; 4 rot. conv. West. tot. 1200 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. ltg. cir. 500 v; d. c. mo. cir. 500-600 v.
City cont. 20 arcs a. c. series 400 w. $60 per yr; mdnt. (Co. lts. Van Buren and Liberty Center and sells energy to City of Warren.)
C D R 3 125

**MARTINSVILLE,** 4,529—Martinsville Gas & Elec. Co.; cap. outstg. $140,000; bds. $40,000.
Pres. D. E. Watson..........Martinsville
V. Pres. Reed Hight.............Spencer
*Sec. Treas. & Mgr.
Jos. H. Stewart............Martinsville
¶ Cont. Agt. The Reliance Engrg. Co. 4 Nat'l Bk. Bldg., Cincinnati, O.
Supt. C. W. Staley ..........Martinsville
Ch. Engr. Pwr. Sta.
Wilson Ross............... "
3 a. c. West. G. E, Allis-C. tot. 1075 kva. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 75 kw. 250 v; trans. volt. 16,500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; d. c. mo. cir. 220 v; 780 hp. e. Ham, Harrisburg; 500 hp. b. Bab. & W; 625 kw. turb. (stm.) West; also stm. htg.
Coal $1.30. (Energy supplied to the Morgan County Lt. & Pwr. Co.)
C D H L S 1 3 ✢ ★16

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Munic. Elec. Lt. Plant; cost $63,000; bds. $9,000.
Treas. T. Phelps.............Martinsville
Mayor J. W. Anderson...... "
City Clerk B. N. Tilford..... "
Treas. H. E. Rutledge....... "
¶Mgr. A. M. Eslinger........ "
*City Engr. C. G. H. Goss... "
Engr. Pwr. Sta. J. A. Stott.. "
1 a. c. West. 100 kva. 2300 v. 3 ph. 60 cys; 1 arc Brush; a. c. nt. ltg. cir. 110 v; 300 hp. e H. O. & R; 250 hp. b. Bab. & W.
140 city arcs series G. E. and 450 Mazdas 100 w; coal $1.50.
L S 3 ★125

**MENTONE,** 728—Hollands & Davis Elec. Lt. Plant; value (estimated) $8,500.
*Pres. & Mgr. W. C. Davis......Mentone
Sec. Miss Pearl Davis............ "
¶ Supt. & Engr. Pwr. Sta.
W. P. Hollands................ "
Energy purchased from Winona Inter. Ry. Co., Warsaw; 2 transf. Kuhl. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 80 Mazdas 60-100-250 w. 8 cts. per kw.
D L 3 ✢ 125

**MEXICO,** 500—Mexico Elec. Co: cap. $1,700; no bds.
*¶Pres. & Mgr. M. E. Smith......Mexico
V. Pres. Geo. Wilson........... "
Sec. & Treas. Mabel Smith....... "
1 a.c. G. E. 120 kw. 1100 v. s.ph. 60 cys; a. c. day (part) & nt. ltg. & mo. cir. 110 v; 1 Leffel wtr. wh.
D L W 1 ✢ 125

**MICHIGAN CITY,** 19,027—Northern Indiana Gas & Elec. Co. Office, 519 Franklin St. See Hammond for executive officers.

Supt. H. V. Armstrong....Michigan City
Engr. Pwr. Sta. Oscar Hentchel "

3 a. c. G. E. tot. 1350 kw. 2300 v. 3 ph. 60 cys; trans. 11,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 220 v. 3 ph. 60 cys; 1000 hp. e. Allis-C; 1400 hp. b. Bab. & W; 600 hp. turb. (stm.) G. E, Curtis; also purchases energy from Chicago, Lake Shore & South Bend Ry. Co.; 4 West. transf. tot. 1600 kw.

City cont. 276 arcs a. c. & d. c. 6.6 & 4 amp. $70 to $75 per yr; 597 Tung. 60 & 100 w. $7.50, $15 & $24 per yr; all nt. (Also lts. Chesterton and Porter.)

D L S 3 ✣ 75

**MIDDLEBURY,** 600 — Middlebury Elec. Co.

Energy purchased from The Hawks Electric Co.

L §26†

**MIDDLETOWN,** 1,174—Munic. Elec. Ltg. System; bds. $10,000.
Pres. Vil. A. S. Miller........Middletown
Clerk, F. A. Wisehart........ "
Mgr. I. N. Marshall........... "
*Engr. L. A. Neff............. "

Buys energy from Union Trac.Co. of Indiana at Anderson; trans. 22,000 v. 3 ph; a. c. day & nt. ltg. cir. 220 v. 25 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 25 cys.

D L 3 125

**MILAN,** 557—Thos. H. Thompson & Co.
Pres. T. H. Thompson.............Milan
*Mgr. W. E. Lewis.................. "
Ch. Engr. Bert Smith................ "

2 d. c. tot. 45 kw. 220 v; d. c. day & nt. ltg. cir. 220 v. ; 85 hp. e. Brnl; 275 hp. b. Brnl.

City cont. 65 Tung. 25 w. $7.20 per yr; all nt; coal and wood.

C D L S ✣ 125

**MILLERSBURG,** 428 -- The Hawks Electric Co. See Goshen.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys

D L 1 3 26

**MISHAWAKA,** 15,200—Munic. Water & Ltg. System; cost $95,000.
Mayor, R. W. Gaylor.........Mishawaka
*Supt. A. R. Klein............. "
Supt. Ovhd. Distrbn.
John C. Wrase.................. "

Energy purchased from Ind. & Mich. Elec. Co.; 3 transf. Westg. tot. 525 kw; a. c. day & nt. ltg. cir. 112 v 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys.

175 city Mazdas "C" 600 c. p. and 746 Mazdas 40-100 w. moonlt.

D L 3 ★125

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Indiana & Michigan Elec. Co. See South Bend.

4 a. c. West. tot. 4000 kw. 4400 v. 3 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 16 Trump wtr. wheels.

D L W 3 125

**MITCHELL,** 3,438—Mitchell Elec. Lt. Plant; cost $20,000.
*City Clerk, K. E. Harn..........Mitchell
¶ Supt. H. A. Miller............... "

1 a. c. Ft. W. 100 kw. 1100 v. s. ph. 133 cys; 1 rect. Ft. W. 50 lts; a. c. nt. ltg. cir. 104 v. 133 cys; 250 hp. e. Rus; 300 hp. b. Vogt.

40 city arcs West; moonlt; coal $1.25

L S 1 ✣ 23

**MONON,** 1,184 — Central Indiana Wtr. Lt., Ht. & Pwr. Plant. See Francesville.

**MONROEVILLE,** 910—Munic. Elec. Lt. Plant; cost $12,500; no bds.
*¶ Supt. & Ch. Elecn. H. W. Dorris
Monroeville

1 a. c. Ft. W. 60 kw. 1000-100 v. s. ph. 133 cys; no day cir; 100 hp. e. Bass, Ft. W; 100 hp. b. Bass.

20 city arcs. 7 cts. per kw; moonlt. 11 P. M; coal $2.55.

L S 1 ✣ 125

**MONTEZUMA,** 1,537—Munic. Elec. Lt. Plant; cost $9,000.
Mayor, B. F. Hudson..........Montezuma
*City Clerk, O. N. Henderson. "
¶Supt. & Ch. Engr. Frank Lee "

1 a. c. W. E. 100 kw. 2200 v. s. ph. 60 cys; 150 hp. e. Rus; 250 hp. b. Brazil.

Moonlt; coal.

L S 1 ✣ 34†

**MONTICELLO,** 2,168—Interstate Public Service Co. For executive officers, see Indianapolis.
Engr. Pwr. Sta. F. Nipple.....Monticello

1 a. c. W. E. 150 kw 2300 v. 3 hp. 60 cys; 1 a. c. Elec. Mch. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 2300-440-220 v; 400 hp. turb. Lef.

City cont. 60 incs. 7.5 amp. 80 c. p. $32 per yr. all nt; 35 5-lt. orna. posts 40 & 60 w. $32 per yr., top lt. all nt., bottom lts. 11 P.M. (Trans. to Brook, Goodland, Kentland, Morocco, Remington, Boswell, Earl Park, Wolcott & Reynolds.)

D L W 3 ✣ 16

**MONTPELIER,** 2,786 — Montpelier Utilities Co. (Controlled by The American Gas & Elec. Co., 30 Church St., New York, N.Y.); cap. $50,000.
Mgr. John P. Boyd...........Montpelier
Engr. Pwr. Sta.
M. F. Hunsaker.................. "

1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v. s. & 3 ph. 60 cys; — hp. e; 300 hp. b. Heine.

City cont. 50 arcs G. E. enc. 7.5 amp. $80 per yr; moonlt; coal.

D L S 1 3 ✣ ★26

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Trac., Lt. & Pwr. Co. See Anderson.

**MOORESVILLE,** 1,608 — Mooresville Public Service Co.
Pres. Henry C. Starr ........Indianapolis
Treas. Jeanett Harris ....... "
Gen. Mgrs. Krehbiel Co.
1712 Marquette Bldg., Chicago, Ill.
*Mgr. M. D. French...........Mooresville

2 a. c. G. E. tot. 187 kw. 2300 v. 3 ph. 60 cys; 300 hp. b; stm. htg. & ice plant.

City cont. 67 series tung; coal $1.65.

H I L S 3 ✣ ★26

**MORGANTOWN,** 667—Morgan County Lt. & Pwr. Co. Office, Martinsville. (Successor to Morgantown Elec. Lt. Co.); cap. outstg. $22,500; no bds.
Pres. L. Lowenberg
4th Nat'l Bank Bldg., Cincinnati, O.
V. Pres. J. J. Allson..........Martinsville
*Sec., Treas. & Mgr.
Jos. H. Stewart............. "
¶Cont. Agt. The Reliance Engrg. Co.
4th Nat'l Bank Bldg., Cincinnati, O.
Supt. C. W. Staley...........Martinsville

Energy purchased from Martinsville Gas & Elec. Co; 2 transf. Dun. tot. 100 kw; a.c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir 220-110 v. s. ph. 60 cys.

City cont. 50 type "C" lamps 100 w. $25 per yr. (Erecting trans. line to Brooklyn.)

D L 1 ✣ ★16

**MOROCCO,** 927—Interstate Public Service Co. See Indianapolis.

Energy from Monticello and Fowler.

City cont. 3 orna. 4-lt. posts 400 w. $70 per yr., 7 2-lt. posts 200 w. $35 per yr. and 46 incs. 60 w. $18 per yr; moonlt. 12.30 A.M.
L ✢ ★16

**MT. VERNON,** 5,563—Mt. Vernon Elec. Lt. & Pwr. Co., Gen. office, 50 Broad St., New York, N. Y. (Controlled by American Wtr. Wks. & Elec. Co., Inc.) cap. auth. $5,000.
¶ Pur. Agt. H. F. Barnard,
50 Broad St., New York, N. Y.
*Supt. L. R. Agin..............Mt. Vernon
Ch. Engr. D. H. Rankin...... "

3 a. c. West. tot. 435 kw. 1150 v. 2 ph. 60 cys; 2 tubs Westg. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. or 2 ph. 60 cys; 500 hp. e. Ham, Cor, D. & C, Erie; 400 hp. b.

City cont. 104 arcs Westg. enc. 7.5 amps. $65 per yr; all nt; coal and screenings $1.27½.
D L S 1 2 16

**MULBERRY,** 833—Mulberry Lt. & Pwr. Co.; cap. $3,000; cost $7,500.
Pres. D. H. Yundt...............Mulberry
V. Pres. M S. Steckel.......... "
Sec. Albert W. Weidner......... "
¶ Treas. & Audr.
Albert I. Yundt............... "
*Mgr. Cyrus Dieter............. "

Energy purchased from Lebanon Sta. of T. H. I. & E. Trac. Co; 2 transf. Kuhl tot. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph 25 cys.
D L 3 ✢ 45

**MUNCIE,** 24,005—Muncie Elec. Lt. Co. (Controlled by American Gas & Elec. Co., 30 Church St., New York, N. Y.); cap. stk. $1,000,000; bds. outstg. $900,000.
Pres. R. E. Breed........New York, N.Y.
V. Prests. { Geo. N. Tidd " "
Gen. Mgr.
Thos. F. English...Muncie
Sec. & Treas. Frank B. Ball
New York, N.Y.
New Business Mgr. Roy Thurman "
¶ Pur. Agt. M. B. Feldman,
30 Church St., New York, N. Y.
Supt. W. O. Haymond ............Muncie
Ch. Engr. H. C. Carroll.......... "

4 a. c. G. E. West. tot. 9350 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E, Ft, W. tot. 800 kw. 220 v; 4 arcs G. E. tot. 425 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 230 v; 3250 hp. e. Bckye, Wetherill, Fulton; 6256 hp. b. Edgemore, Sterling, Bab. & W; 7750 kw. turb. (stm.) G.E; also stm. htg; trans. volt. 35,000 v. 3 ph. 60 cys.

City cont. 315 arcs 6.6 amp. $57.50 per yr; 20 incs. 100 c. p. $24 per yr; all nt; coal $1.70. (Serves Muncie, Dunkirk, Red Key, Eaton, Red City, Riverside, Albany and Hartford City.)
C D H I N S 3 ★26

**NAPPANEE,** 2,260—Munic. Lt. & Wtr. Wks.
Pres. Bd. M. D. Price..........Nappanee
Treas. F. Coppes.............. "
*¶Mgr. M. D. Kizer............ "
Ch. Engr. A. E. Price.......... "

2 a. c. W. E. tot. 175 kw. 1150 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph 60 cys; 300 hp. e. Bates, Mur, Clark; 400 hp. b. Brnl, Bass.

34 city arcs W. E. 7 amp; 100 incs. 50 w. 6 cts. per kw; moonlt. mdnt; coal $3.05.
D L S 1 3 ★125

**NEW ALBANY,** 20,629—United Gas & Elec. Co. (A subsidiary of the Middle West Utilities Co.); cap. auth. & pd. in $1,000,000; bds. auth. $1,500,000.
Pres. Chester P. Wilson.....Indianapolis
*Asst. to Pres.
Jas. W. Dunbar...........New Albany
Sec. Ira E. Guthrie..........Indianapolis
Treas. J. F. Stratton........New Albany
Supt. J. M. Merker.............. "
¶ Pur. Agt. C. R. Bohannan "
Engr. Pwr. Sta. Geo. Carpenter "

2 a.c. G.E. tot. 1000 kw. 4000-2300-110 v. 3 ph. 60 cys; 3 d.c. tot. 850 kw. 500 v; 6 rect. G. E. tot. 300 lt; a.c. day & nt. ltg cir. 110 v; d. c. mo. cir. 500 v; a.c. mo. cir. 440-220-110 v. 3 ph. 60 cys; 1500 hp. e. Fulton, Bckye; 1000 kw. turb. (stm.) G. E; 1500 hp. b. A. & T.

City cont. 309 magn. arcs 4 amp. $55.44 per yr; 6 Tung. 100 w. $25 per yr; all nt; coal $1.25. (Also serves Jeffersonville, Clarksville, Fulton, Claysburg and Howard Park, and sells energy to Louisville & Northern Ry. & Ltg. Co. (for ry. service) and Louisville & Southern Indiana Trac. Co.)
C D L S 3 ✢ ★16

**NEWBURG,** 1,097—Newburg Elec. Lt. & Pwr. Plant; cost $7,000.
*Owners, Jennison & Schumaker
Newburg

2 d.c. Jenney tot. 68 kw. 250 v; no day cir; 125 hp. e. Heilman, C. & T; 180 hp. b. Local.

City cont. 2 arcs $45 per yr; 100 incs. 32 c. p. $10 per yr; 1000 incs; moonlt. mdnt; coal $1.50.
C L S ✢ 103

**NEW CASTLE,** 9,446—Munic. Wtr. & Lt. Plant; cost $150,000; bds. $49,000.
Pres. Bd. J. L. Watkins.......New Castle
Treas. Ed. A. Colson.......... "
*¶Supt. W. L. Younce......... "
121 So. 7th St., "
Ch. Engr. Ira Rhodes.......... "
Engr. Pwr. Sta. J. E Heavileir "

2 arc Brush tot. 225 lt. 8.2 amp; 400 hp. e. Allis-C; 450 hp. b. Heine.

138 city arcs Warner 8.2 amp. $32 per yr; 36 Mazdas series 7.5 amp. $10 per yr; moonlt; coal $1.80.
C L S ✢ ★16

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Interstate Public Service Co. For executive officers, see Indianapolis.
Mgr. Badge Davis ..............New Castle
Engr. Pwr. Sta. N. Howard... "

3 a.c. W.E. tot. 800 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v; 1300 hp. e. Russell; 1048 hp. b. Stir; also stm. htg.

Coal $1.80.
D H L S 2 ✢ ★16

**NEW HARMONY,** 1,229—New Harmony Elec. Lt. Plant (Munic.)
Pres. F. J. Miller............New Harmony
V. Pres. J. Hempling...... "
Sec. Roy Ward............. "
Treas. A. Perry............ "
*¶Mgr. & Engr. Pwr. Sta.
P. M. Whitaker.......... "

1 a. c. G. E. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. ph. 60 cys; 100 hp. e. Ham, Cor; 100 hp. b. Brnl.

City cont. 52 incs. series Tung. 100-200 & 350 c. p. tot. $1,500; moonlt; coal $1.75.
D L S 1 3 25

**NEW HAVEN,** 1,038—Wabash Valley Utilities Co. (Franchise given to furnish energy & pump water for 25 yrs.) See Ft. Wayne.
Mgr. H. H Grubb............New Haven

Energy from Ft. Wayne & Northern Indiana Trac. Co. trans. volt. 4000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. 220 v. 3 ph. 60 cys.

City cont. 19 arcs a. c. special $60 per yr; moonlt. midnt.
D L 1 3 ✢ 125

**NEW PARIS,** 350—The Hawks Electric Co. See Goshen.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
D L 1 3 26

**NEW RICHMOND,** 564—Montgomery Lt. & Pwr. Co; cost $28,000; cap. $24,000 (all pd. in.)
Pres. Chas. Kirkpatrick..New Richmond
V. Pres. John Wingate..........Wingate
*¶Mgr. Chas. Haywood...New Richmond
Energy purchased from Crawfordsville Elec. L. & Pwr. Co; trans volt. 13, 200 v, s. ph. 60 cys; 1 step-up transf. G. E. 75 kw; 4 step-down transf. G. E. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 44 type "C" lamps 250 & 100 w. tot. $1,050 per yr. moonlt. midnt. (Co. also lts. Linden and Wingate.)
D L 1 §105

**NOBLESVILLE,** 5,073 — Noblesville Ht., Lt. & Pwr. Co. (Controls The White River Corpn.); cap. $100,000; bds. $140,000.
Pres. Thos C. McReynolds......Kokomo
V. Pres. Francis T. Holliday. Indianapolis
Sec. & Treas. Alex. R. Holliday "
*¶Mgr. & Cont. Agt. Jno. T. Kester Noblesville
Supt. Saml. B. Mott........... "
Engr. Pwr. Sta. I. E. Shelley.. "
3 a. c. Allis C. West. tot. 825 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 150 hp. e. Bckye; 675 kw. turb. (stm.) Allis C. West; 650 hp. b. Atlas, Stir, Bab. & W; 10 miles trans. 15,000 v; also 12-ton ice plant (Castle) and stm. htg.
City cont. 31 incs. "C" (posts) 600 c. p. $75 per yr; 149 incs. "C" 250 & 400 c. p. $34 & $46 per yr; all nt; coal $1.50. (Co. also lts. Arcadia, Lapel, Westfield and Cicero.)
D H I L S 1 2 ✚ ★125

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The White River Corporation. Cap. $60,000; cost to date $225,000. (Controlled by Noblesville Ht., Lt. & Pwr. Co. and Indianapolis Wtr. Co.)
Pres. Alex. R. Holliday.......Indianapolis
V. Pres. J. L. Kirk.......... "
Sec. & Treas. F. C. Jordan.. "
Under construction—not in operation.
T 125

**NORTH JUDSON,** 1,143—North Judson Elec. Co.
Pres. F. J. Vessely..............No. Judson
*¶Sec. Treas. & Mgr.
F. D. Pixa.................. "
Energy purchased from Plymouth Elec. Lt. & Pwr. Co; 3 transf. Duncan tot. 120 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 34 Cutter, 5-lt. posts 220 w. $23.33 per yr. and 62 incs. 60 w. 220 v. $12.60 per yr. moonlt. midnt.
D L 1 3 ✚ 125

**NO. MANCHESTER,** 2,428—Browne Mills Elec. Co., Inc., 705 W. Main St.; cap. $25,000; no bds.
*¶Pres. & Gen. Mgr. J. A. Browne No. Manchester
V. Pres. & Treas. H. Mills "
Sec. L. B. Mills........... "
Engr. Pwr. Sta.
V. Brandenburg........ "
1 a. c. W. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Ft. W. tot. 100 kw; a. c. day & nt. ltg. 100 v. 60 cys; a. c. mo. cir. 110-220 s. & 3 ph. 60 cys: 575 hp. e. Allis-C, Fitch; 200 hp. b. Bass, Ft. W.
City cont. 36 arcs H. C. enc. series 6.8 amp. $75 per yr; 36 a. c. series tung. 50 c. p. $17.50 per yr; moonlt. all nt; coal $2.45.
C D L S 1 3 ✚ 25

**NO. VERNON,** 3,335—Munic. Lt. & Wtr. Plant; cost $35,000.
City Treas. C. R. Wagner....No. Vernon
*¶Supt. L. G. Hallawell...... "
2 d. c. W. E. tot. 350 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 225-220 v; 545 hp. e. Quincy & Ham. Cor; 450 hp. b. Atlas, Bab. & W.
60 city arcs enc. moonlt. all nt; coal $2.40.
C D L S 125

**OAKLAND CITY,** 2,370—Oakland City Elec. Lt. & Pwr. Co.; cap. $25,000; bds. $33,000.
Pres. W. David Ingle.......Oakland City
V. Pres. R. N. Parrett..........Princeton
*¶Sec. & Mgr.
Geo. W. Clarke........... Oakland City
Engr. Pwr. Sta. Ross T. Foley "
2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. s. ph. 60 cys; 400 hp. e. L. & B; 280 hp. b. Erie City, Brnl,, C. & T.
City cont. 3 incs. 250 w. $50 per yr; 23 incs. 125 & 60 w. $26 & $15 per yr; all nt; coal $1.25.
D L S 1 3 ✚ 85

**OLDENBURG,** 956—Oldenburg Elec. Lt., Pwr. & Wtr. Wks. Co.; cap. $3,000; no bds.
Pres. Geo. Holtel, Sr..........Oldenburg
Sec. & Treas. H. G. Borchelt.. "
*Mgr. Frank B. Moorman...... "
Purchases energy from Batesville Elec Lt. & Pwr. Co.; 2 transf. West. tot. 11¼ kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
City cont. 22 series Mazdas 50 w. $22 per yr; mdnt.
D L 1 ✚ ★125

**ONTARIO,** 75—C. F. Cain Elec. Co.
Owner. C. F. Cain................Ontario
*Engr. Pwr. Sta. A. B. Cain...... "
2 a. c. Warn. tot. 240 kw. 1200 v. s. ph. 133 cys; trans. volt. 6600 v. s. ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir; 75 hp. e. (gas) Lambert; 258 hp. wtr. wh. Lef. (Operates local system; surplus energy furnished to La Grange County Lt. & Pwr. Co.)
D G L W 1 ✚ 16

**OOLITIC,** 1,079—Southern Indiana Pwr. Co. See Bedford.

**ORLAND,** 500—Orland Elec. Plant; cost $3,000.
*Owner, R. E. Sanderson..........Orland
¶Mgr. & Engr. Pwr. Sta.
R. E. Sanderson, Jr............. "
1 a. c. Westg. 45 kw. 1100-110 v. s. ph. 133 cys; a. c. nt. ltg. & mo. cir. 104 v. s. ph. 133 cys; 116 hp. turb. (wtr.) Smith.
City cont. 6 arcs Jandus $40 per yr; 30 Tung. 40 w. $12 per yr.
L W 1 ✚ 103†

**ORLEANS,** 1,367 — Heise Bros.; cap. $35,000.
Pres. Edward M. Heise...........Orleans
V. Pres. Pheba Heise............. "
*¶Sec., Treas. & Mgr. Albert Heise "
Engr. Pwr. Sta. John Fidler...... "
2 d. c. Akron, Wiley tot. 135 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 160 hp. e. Atlas, Sknr; 360 hp b. Atlas, Stir; also 10-ton ice plant.
City cont. 32 incs. "C" 400 w. $55 per yr. moonlt. all nt; 21 incs. $15 per yr. moonlt. mdnt; coal $2.90.
C D I L S ✚ 125

**OSGOOD,** 1,169—Munic. Elec. Lt. Plant; cost $10,000; bds. outstg. $8,500, 5 p. c. int.
*Pres. Bd. G. W. Cox.............Osgood
Treas. Walter Eckert............. "
Engr. Pwr. Sta. Eilden Humphrey "
1 d. c. G. E. 75 kw. 220 v; a. c. nt. ltg. & mo. cir. 220 v; 125 hp. e. Ball; 150 hp. b. C. & H.
55 street clusters moonlt; coal.
C L S ✚ ★125

**OSSIAN,** 661 — Wabash Valley Utilities Co. See Ft. Wyane.
Local Mgr. F. P. Quackenbush.....Ossian
a.c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 13 magn. arcs West. 4 amp. $60 per yr; 9 series tung. 80 c. p. $30 per yr.
D L 3 ✠ 125

**OWENSVILLE,** 1,237—Owensville Lt. Co.
*Owner & Mgr. Jas. A. Walker..Owensville
Ch. Engr. & Elecn. J. E. Dunn "
1 a. c. Warren 60 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v; 170 hp. e. Brnl, Mur, Cor; 160 hp.b. Brnl, C. & T.
City cont. 27 series arcs 450 w. $67.50 per yr; moonlt; coal $1.20.
L S 1 ✠ 125

**OXFORD,** 1,010—*Munic. Lt. & Water Plant; cost $33,500.
¶ Supt. E. C. Hurt.................Oxford
Ch. Engr. E. Mart................ "
1 a.c. G. E. 90 kw. 2300-110 v. s. ph. 60 cys; no day cir; 125 hp e. Atlas; 250 hp.b. Atlas.
Moonlt; coal $1.15.
L S 1 ✠ 34†

**PAOLI,** 1,278—Munic. Elec. Lt. Plant; bds. $10,000.
Pres. Bd. Edmund C. Broxtan.......Paoli
V. Pres. S. F. Teaford.................. "
¶ Sec. & Treas. A. J. Rhodes....... "
Trustee, W. N. Lingle.................. "
*Supt. & Cont. Agt. Elwood Holliday "
Engr. Pwr. Sta. A. A. Gasaway...... "
1 d. c. Clark — kw. 250 v; no day cir; 125 hp. e; 170 hp. b. Ames, Atlas.
60 city Tung. moonlt. 11 P. M; coal.
C L S ✠ ★16

**PENDLETON,** 1,293—Munic Elec. Lt. Plant: cost $20,000.
Pres. of Board, Wm. Swain.....Pendleton
V. Pres. Fred Lontz........... "
Sec. & Treas. D. B. Cole....... "
*¶ Supt. Aiva Apple..... ..... "
Energy purchased from Union Trac. Co. of Indiana; 6 transf. Kublman, C.-W. tot. 120 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 440-220- v. s. & 3 ph. 25 cys.
City cont. 64 tung. 250 w; 75 incs. 60 & 100 w; moonlt.
D L 1 3 ★16

**PERU,** 13,000—Munic. Elec. Lt. & Wtr. Plant; cost $245,000.
Mayor, W. A. Hammond.............Peru
Treas. J. Frank Gysin................ "
*Mgr. A. C. Herren.................. "
¶ Pur. Agt., City Council............. "
Engrs. Pwr. Sta. { J. F. Snideman.............. "
R. E. Smith.................... "
H. G. Francis.................. "
2 a. c. Ft. W. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1100 hp. e. H. O. & R; 1000 hp. b. Scotch Marine.
260 city incs. "C" series 6.6 amp. 4 cts. per kwh. all nt; coal 87 cts.
D L S 1 3 125

**PETERSBURG,** 2,170 — Pike County Electric Lt. Plant. (Owned and operated by Continental Utilities Co., Lansing, Mich., which see for executive officers.)
Supt. S. H. Mosher.............Petersburg
Engr. Pwr. Sta. Chas. Berridge "
3 a.c. Ft.W. tot. 150 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. gas pro. Seager; 225 hp. e. (gas) Seager.
City cont. 48 series incs. 6.6 amp. 100 c. p. $32 yer yr; all nt; 39 3-lt. posts (2 40-w. & 1 60-w.) 11 P. M. & all nt. $17 per yr; coal $7.
D G L 1 3 ✠ 16

**PIERCETON,** 817—Munic. Elec. Lt. & Wtr. Plant; bds. $4,500.
Pres. Bd. Eugene Underwood...Pierceton
Sec. J. R. Hover.................. "
Treas. Harvie Pletcher.......... "
*¶ Mgr. & Ch. Engr. C. F. Shorb "
Engr. Pwr. Sta. James Winsley.. "
1 a. c. Ft. W. 90 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 95 hp. e. Allis-C; 95 hp. b. Ft. W.
6 city incs. 250 c.p. and 96 incs. 32 c.p. moonlt. mdnt; coal 85 cts. to $1.25.
L S 1 ★125

**PLAINFIELD,** 1,303 — Danville Lt., Ht. & Pwr. Co. See Danville.
Trans. 6600-2200 v. s. ph. 60 cys.
L 1 35

**PLYMOUTH,** 4,051 — Plymouth Elec. Lt. & Pwr. Co. Office, 200 So. Michigan St.; cap. $100,000; no bds.
*Pres. & Mgr. C. D. Snoeberger. Plymouth
V. Pres. Isaac Snoeberger........ "
Sec. & Treas. V. L. Snoeberger. "
Audr. W. H. Eastwood .......... "
Ch. Engr. Pwr. Sta. A. J. Ogden "
3 a. c. Westg, G. E. tot. 550 kw. 2300 v. 3 ph. 60 cys; 2 arc W. E. tot. 160 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 775 hp.e. Haberkorn, Murray; 340 hp. b. Bass.
City cont. 75 arcs d.c. A. B. 6.6 amp. $70 per yr; 18 Mazdas 100 w. $12 per yr; all nt; coal $2.55. (Co. also serves Walkerton, Culver, Knox, North Liberty, North Judson and Ober.)
D L S 3 ✠ 25

**PORTLAND,** 5,130—Munic. Electric Lt. Plant; cost $42,000; no bds.
Mayor, Dr. C. A. Paddock...... .Portland
*¶ Mgr. Geo. Nicholson.......... "
Ch. Engr. Pwr. Sta. John M. White "
3 a. c. Ft. W, West. tot. 825 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp.e. Bass. Cor; 850 hp. b. Ames. Bass.
89 city arcs West. 7.5 amp. $60 per yr; moonlt; coal $2.55.
D L S 3 25

**POSEYVILLE,** 780—Poseyville Lt. & Pwr. Co.; cap. $10,000; no bds.
*¶ Pres. & Mgr. M. T. Dilger...Poseyville
V. Pres. J. F. Schafer.......... "
Sec. & Treas. J. L. Schafer..... "
1 a. c. W. E. 50 kw. 2300-110 v. 2 ph. 60 cys; no day cir; 100 hp. e. Skinr; 200 hp.b. Bass.
City cont. 20 arcs W. E. 6.6 amps. $70 per yr; moonlt; coal $1.75 to $2.25.
L S 2 125

**PRINCETON,** 6,448—Princeton Lt. & Pwr. Co.; cap. $100,000; no bds.
Pres. H. C. Barr .................Princeton
V. Pres. M. V. Witherspoon.... "
¶ Sec. & Treas. John M. Parrett. "
*Mgr. R. N. Parrett............. "
Engr. Pwr. Sta. C. W. Wilkins. "
3 a. c. G. E. tot. 825 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 1160 hp. e. L. & B, Ham; 920 hp. b. Brnl, Parker; (also stm. htg.)
City cont. 100 G. E. arcs 6.6 amp. $60 per yr; 35 incs. 50 c. p. $18 per yr; all nt: coal $1.10.
D H L S 1 3 ✠ 25

**REDKEY,** 1,714—Muncie Elec. Lt. Co. See Muncie.
Energy from Dunkirk; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 25 arcs 6.6 amp. $60 per yr.
D L 3 75

**REMINGTON,** 982—Interstate Public Service Co. See Indianapolis.
Reserve plant; energy from Monticello and Fowler; 1 a. c. G. E. 60 kw. 1100 v. s.

ph. 125 cys; a. c. nt. ltg. & mo. cir. 110 v. 125 cys; 135 hp. e. Bckye; 100 hp. b. Erie City.

City cont. 70 incs. series 5.5. amp. 75 w. $22.85 per yr; moonlt; coal $2.

L S 1 ✠ 16

**RENSSELAER,** 2,393—Munic. Water & Elec. Lt. Plant; cost $41,000.

*¶ Supt. & Ch. Elecn.
C. S. Chamberlin.............Rensselaer

2 a. c. G. E, W. E. tot. 350 kw. 2000-104 v. 3 ph. 60 cys; 1 arc W. E. 50 lt; a. c. nt. ltg. cir. 104 v; a. c. mo. cir. 208-104 v. 3 ph. 60 cys; 300 hp. e. Ball, Allis; 350 hp. b. Erie, C. & T; also stm. htg.

35 city arcs W. E. moonlt; coal $2.85.

H L S 3 ✠ 125

**REYNOLDS,** 475 -- Interstate Public Service Co. See Indianapolis.

Energy from Fowler and Monticello; s. ph; a. c. day & nt. service.

City cont. 20 Mazdas mult. 100 c. p. $35 per yr. all nt.

D L 1 ✠ 16

**RICHMOND,** 22,324—Richmond Lt. Ht. & Pwr. Co. (Owned by The United Gas & Elec. Co., 61 Broadway, New York, N. Y.); cap. $385,000; bds. & notes $850,000. (The city of Richmond has been authorized to purchase this property.)

Pres. W. Jessup.................Richmond
Sec. & Treas. William Beasley "
Mgr. N. H. Johnson.......... "
Engr. Pwr. Sta. C. A. Donson. "

2 d. c. G. E. tot. 240 kw. 550 v; 3 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day cir; d. c. mo. cir; 1200 hp. e. Bckye; 400 kw. turb. (stm.) West; 1180 hp. b. Munoz, Bab. & W.

Coal. (Sells energy in bulk to Liberty Lt. & Pwr. Co. and Brookville Elec. Co.)

C D L S 3 16w

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Munic. Elec. Lt. & Pwr. Plant, Office, 625 Main St.; cost $318,014; bds. $139,000.

Board of Public Works { A. F. Bauer.........Richmond
John McMinn....... "
C. Marlett........... "
*Supt. C. A. Kleinknecht...... "
Engr. Pwr. Sta. H. Gluys...... "

4 a.c. G.E, West. tot. 2250 kw. 2300 v. 3ph. 60 cys; 2 d. c. G. E. tot. 750 kw. 500 v; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 220 v; d. c. day & nt. ltg. & mo. cir. 500 v; 500 kw. turb. (stm.) G. E; 1100 hp. e. Alfree; 2022 hp. b. Stir.

400 city arcs magn. 4 amp. $30 per yr; 62 type "C" lamps 4 amp; all nt; coal $2.20.

C D L S 3 ✠ 125

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Liberty Lt. & Pwr. Co.; Office, Richmond; cap. $25,000; no bds.

*¶ Pres. & Mgr. Robt. S. Ashe. Richmond
Sec. & Treas. Gordon E. Varney, Indianapolis
Supt. H. A. Wehrly ................Liberty

Energy purchased from Richmond Lt., Ht. & Pwr. Co.; 13,200 v. s. ph. 60 cys; 6 transf. G. E. tot. 525 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a.c. day & nt. mo. cir. — v. s. & 3 ph. 60 cys.

(Co. lts. Liberty and West College Corner and New Paris, O.)

D L 1 3 25

**RIDGEVILLE,** 1,302 — Citizen's Ht., Lt. & Pwr. Co. See Winchester.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 66 d. c. lts. 32 c. p. 12 cts. per kw; moonlt; coal $2.90.

D L X ✠ 25

**ROACHDALE,** 849—Roachdale Elec. Lt. & Pwr. Co; cap. $6,000; no bds.

¶ Pres. Mgr. & Ch. Engr.
J. T. Couchman...............Roachdale
*Sec. C. F. Edwards............ "
Treas. I. E. Weddle........... "

1 a. c. Wagner 100 kw. 2100 v. s. ph. 60 cys; nt. ltg. cir. 118 v. 125 hp. e. Atlas; 110 hp. b. Atlas.

City cont. 24 arcs 350 c. p. $60 per yr; 1700 incs; moonlt. 11 P.M; coal $2. (Also lts. Bainbridge.)

L S 1 ✠ 74†

**ROANOKE,** 699—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne.

Local Mgr. Bruce De Long......Roanoke

Energy from Ft. Wayne 33,000 v. 3 ph. 25 cys; 3 transf. G. E. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 375 v. 3 ph. 25 cys.

City cont. 14 arcs magnetite 4 amp. $60 per yr; moonlt. 1 A. M.

D L 3 125

**ROCHESTER,** 3,364—Rochester Elec. Lt., Ht. & Pwr. Co.; cap. $300,000; bds. $250,000.

Pres. J. E. Beyer................Rochester
V. Pres. Henry Pfeiffier......... "
Sec. J. F. Kumler............... "
*¶Treas., Mgr. & Cont. Agt.
Chas. A. Davis................ "
Audr. Wm. H. Stacey........... "
Supt. Ovhd. Distrbn.
Walter S. House.............. "
Ch. Engr. John C. Parker...... "

3 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lt. 4 amp; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. H. O. & R; 800 hp. b. (tubl.) Bab. & W, Sterling; 300 kw. G. E. turb. (stm.); stm. htg; ice plant.

City cont. 78 lumn. arcs 4 amp. all nt; coal $2.20. (Co. also lts. Bourbon and Tippecanoe; sells energy in bulk to Town of Argos.)

D H L S 3 ★125

**ROCKFIELD,** 300 — Wabash Valley Utilities Co. See Ft. Wayne.

Local Mgr. W. M. Sadler.......Rockfield

a.c. day & nt. ltg. cir. 110 v. 25 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

D L 3 ★125

**ROCKPORT,** 2,736 — Rockport Wtr. Wks. Co.; cap. $65,000; bds. $52,000.

Pres. E. L. Kennedy............Rockport
V. Pres. A. M. Huffman........ "
*¶ Sec., Treas., Mgr. & Cont. Agt.
A. H. Kennedy................. "
Engr. Pwr. Sta. Charles Carter. "

3 a. c. G. E. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220 v; 520 hp. e. Ham. Cor., Skinr; 300 hp. b. Brnl.

City cont. 92 series tung. 40 c. p. $18 per yr. moonlt. all nt; coal $1.00 to $1.50. (Also lts. Grand View.)

D L S 3 ✠ 125

**ROCKVILLE,** 1,943—Munic. Elec. Lt. Wks.; cost $23,460.80; bds. $14,000, 4½ p. c. int.

Pres. Bd. Wm. F. Graham......Rockville
Sec. & Treas. Geo. L. Laney... "
*Supt. B. H. Freeland........... "
Engr. Pwr. Sta. John Crabb.... "

2 a. c. G. E. tot. 180 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 350 hp. e. Bates, Atlas; 300 hp. b. Atlas, C. & T.

City cont. 34 arcs series enc. 6.6 amp. $60 per yr; 36 incs. series 350 c. p. $60 per yr; moonlt; coal $1.45.

D L S 1 25

**ROYAL CENTRE,** 909 — The Royal Elec. Lt. Co., Ltd.; cap. auth. $15,000, pd. in $12,000, 10 p. c. div.

Pres. W. G. Sweet............Royal Centre
V. Pres. O. M. McCombo .. “
*¶ Sec. & Supt. W.H.Bingaman “
Treas. E. B. Thomas........ “
Ch. Engr. & Elecn.
Nate Costenborden....... . “

1 d. c. Ft. W. 50 kw. 220 v; 125 hp. e. Murray; 100 hp. b. Murray.

City cont. 15 arcs 2000 c. p. $100 per yr; mdnt; coal $2.50.

C L S 125

**RUSHVILLE,** 4,925—Munic. Wtr., Lt. & Pwr. Plant. Office, 404 Market St., cost $90,000; bds. $24,000.

Mayor, C. Beabout................Rushville
*¶ Sec. Mgr. & Cont. Agt.
A. T. Mahin .................. “
Treas. J. P. Stech................ “
Supt. Distrbn. C. Deeters....... “
Ch. Engr. Pwr. Sta.
Richard Beale.................. “

2 a. c. Ft. W. tot. 325 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

35 city incs. “C” $48 per yr. and 350 incs. $15 per yr. all dark hrs; coal $1.60.

D L S 3 ★16

**SALEM,** 2,283—Interstate Public Service Co. For executive officers, see Indianapolis

Mgr. Albert Pitts....................Salem
Engr. Pwr. Sta. S. A. Pitts........ “

1 a. c. Ft. W. 100 kw. 1100-104-50 v. s. ph. 140 cys; 1 arc W. E. 40 lt; 125 hp. e. Rus; 225 hp. b. Atlas.

City cont. 41 tung. series 7.5 amp. 250 w. $65 per yr. moonlt; 28 orna. 3-lt. posts 40 w. $30 per yr. top lt. all nt., bottom lts. 11 P. M; coal $1.60.

L S 1 ✠ ★16

**SCOTTSBURG,** 1,669—*Munic. Street Ltg. System.

Energy purchased from Indianapolis & Louisville Trac. Ry. Co.

83 city series Tung. 40 to 80 c. p.

L 125

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Indianapolis & Louisville Trac. Ry. Co.

Pres. & Gen. Mgr.
John E. Greeley..............Scottsburg
V. Pres. Mark Storen.......... “
Sec. Walter A. Gadient......New Albany
Treas. Earl S. Gwin.......... “
*Asst. to Gen. Mgr. H. R. Biery. Scottsburg
Supt. F. Windle................ “
Engr. Pwr. Sta. Wesley Hartley “

2 d. c. G. E. tot 1200 kw. 1200 v; 1500 hp. e. Allis C; 1200 hp. b. Bab. & W. (Sells energy in bulk to Town of Scottsburg.)

C R S 125

**SEELYVILLE,** 1,188—Terre Haute, Indianapolis & Eastern Trac. Co. See Terre Haute.

**SEYMOUR,** 6,305 — Interstate Public Service Co. For executive officers, see Indianapolis.

Mgr. C. V. Salisbury..........Columbus
Ch. Engr. Wm. Peters...........Seymour

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 2 & 3 ph. 60 cys; 400 hp. e. Fitch; 500 hp. b. Heine, Erie.; also stm. htg.

City cont. 19 arcs magn. 4 amp. 1200 c. p. $58 per yr; 371 series Tung. 50 & 75 w. $20 & $24 per yr; all nt; coal $1.60 & $1.35.

D H L S 2 3 ✠ ★16

**SHELBURN,** 2,055—Sullivan County Elec. Co. See Sullivan.

Supt. D. R. Cummins...........Shelburn

Trans. from Sullivan 11,000 v. s. ph; 1 transf. 150 kw. 11,000-2200 v.

City cont. 31 arcs a. c. series 6.6 amp. $54 per yr; moonlt. all nt.

L 1 ✠ 113

**SHELBYVILLE,** 9,500—Interstate Public Service Co. For executive officers, see Indianapolis.

Engr. Pwr. Sta. L. H. Howard, Shelbyville

3 a. c. West. turbo-gen. tot. 1200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 1000 hp. b. Stir.

City cont. 121 West. arcs 4 amp. $60 per yr; 122 Tung. 4 amp. 60 c. p. $18 per yr; moonlt. all nt; coal $1.80.

D L S 3 ✠ ★16

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Dorsey Lt., Ht. & Pwr. Co; cap. auth. $40,000.

*Pres. & Treas.
Shelby C. Dorsey...........Shelbyville
Ch. Engr. Warren Haehl...... “

1 d. c. 35 kw. 110 v; 300 d. c. com. incs. 16 c. p. $3 and $4.80 per yr.

C L ✠ 34†

**SHERIDAN,** 1,768—Sheridan Wtr., Lt. & Ht. Co.; cap. $55,000; bds. $33,000.

Pres. W. W. Layton...........Covington
*¶ Sec. Treas. Mgr. & Cont. Agt.
C. E. Layton.................. “
Supt. & Engr. Pwr. Sta.
Chas. Latimer..................Sheridan

2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v: 275 hp. e. C. & T; 300 hp. b. C. & T.; also 10-ton ice plant.

City cont. 88 Mazdas 250 & 50 w. $48 & $20 per yr; moonlt; slack $1.60.

D I L S 3 ✠ 125

**SHIRLEY,** 1,519—Trac., Lt. & Pwr. Co. See Anderson.

**SILVER LAKE,** 493—Silver Lake Ltg. Plant.

*Mgrs. Burke & Kissinger....Silver Lake

1 a. c. 35 kw. 110 v; 50 hp. e; 80 hp. b. coal $2.

L S X ✠ 16†

**SOUTH BEND,** 53,684—Indiana & Michigan Elec. Co. Office, 220 W. Colfax Ave. (Operates Hydro-elec. plants at Elkhart and Mishawaka, Ind., and Buchanan and Berrien Springs, Mich.; aux. steam plant in So. Bend. For other cities and towns lighted see list given below; cap. $3,500,000.

Pres. & Gen. Mgr. F. A. Bryan..South Bend
V. Pres. E. A. Saunders...... “
¶ Sec. C. B. Calvert........... “
Treas. F. L. Dennis............ “
*Gen. Supt. L. B. Andrus.... “
Supts. { J. P. Ohmer..................Elkhart
Supts. { C. S. Kennedy.......South Bend
Supts. { H. W. Riley....Buchanan, Mich.
Supts. { F. Brown....Berrien Spgs., Mich.

3 a. c. turbo-gen. West, G. E. tot. 8000 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; d. c. mo. cir. 600 v; 7200 hp. b. Wickes.

City cont. 750 arcs 4 amp. d. c. & 7.5 amp. a. c. all nt; coal $3. (Also lts. Lakeville, Rolling Prairie and Osceola and St. Joseph and Benton Harbor, Mich; sells energy in bulk to City of Mishawaka and Benton Harbor, St. Joseph Ry. & Lt. Co., Southern Michigan Ry. Co., Chgo. So. Bend & No. Ind. Ry. Co. and St. Joseph Valley Trac. Co.)

C D L S 1 3 ★125

**SOUTH WHITLEY,** 1,176 — Munic. Elec. Lt. Plant.

*Treas. F. E. Fox..............So. Whitley
Supt. A. Benner................ “
Engrs. Pwr. Sta. { Embeson Miller... “
Engrs. Pwr. Sta. { Jno. Bonebrake... “

2 d. c. S-H, West. tot. 155 kw. 230 v; d. c. day & nt. ltg. & mo. cir. 220 v: 275 hp. e. H. S. & G, Ball; 275 hp. b. Boss.

120 city incs. 100 w; moonlt; coal $2.93.

C D L S ✠ ★125

**SPENCER,** 2,150—The Spencer Lt., Pwr., Ht. & Wtr. Co.; cap. $72,000; bds. $17,000.
Pres. Reed Hight....................Spencer
V. Pres. D. E. Watson.......Martinsville
Audr. C. J. Kiefer.........Cincinnati, O.
*Sec. Treas. & Mgr.
J. C. Malloy........................Spencer
¶ Cont. Agt. The Reliance
Engrg. Co.................Cincinnati, O.
Engr. Pwr. Sta. H. Boruff........Spencer

2 a. c. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 50 lts; trans. 6600 v. s. ph; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. or 3 ph. 60 cys; 325 hp. e. D. & C., Por-A; 300 hp. b. Erie.

City cont. 40 type "C" lamps 400 c. p; 52 incs. series 60 c.p. $25 per yr; all nt; coal $1 50. (Co. also lts. Gosport.)

D L S 1 3 ✠ 125

**SULLIVAN,** 4.115—Sullivan County Elec. Co. (Controls Jasonville Wtr. & Lt. Co.); cap. $150,000.
Pres. H. C. Dies......................Clinton
*¶V. Pres. & Mgr. C. M. Poor...... "
Sec. & Treas. J. W. Robb.......... "
Supt. F. L. Good...................Sullivan

2 a. c. West. tot. 450 kw. 2300 v. 3 ph. 60 cys; 2 arc West. tot. 70 lt.; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 600 hp. e. Fitch; 800 hp. b. C. & T; trans. 11,000 v. s. ph; also stm. htg.

City cont. 64 arcs 4 amp. West. $60 per yr; moonlt; coal $1.05. (Co. also lts. Shelburn, Farmersburg and Miners City.) (Contemplates extending service.)

D H L S 1 3 ✠ 16w

**SUMMITVILLE,** 1,387 — Summitville Elec. Lt & Pwr. Co.; cost $32,000; bds. auth. $19,000.
Pres. R. C. Howard....... Summitville
*¶Sec. Treas. Mgr. & Cont. Agt.
M. Warner.................. "
Supt. & Ch. Engr.
E. K. Patterson ............. "

Energy purchased from Union Trac. Co. of Indiana; 3 transf. – kw; a. c. day & nt. ltg. cir. 115 v. 25 cys; a.c. day & nt. mo. cir. s. & 3 ph. 25 cys.

City cont. 75 incs. 60 c. p; moonlt. & all nt.

D L 1 3 ✠ 25

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Marion Lt. & Htg. Co. See Marion.

**SYRACUSE,** 1,379—Syracuse Pwr. & Lt. Co. (Power sta. at Benton); cap. $30,000; bds. $5,000.
Pres. R. F. De Pew...................Warsaw
V. Pres. Theo. Frazier............ "
Sec. Treas. & Cont. Agt.
C. E. Stout.......................Syracuse
*Mgr. Wm. De Pew............... "
Engr. Pwr. Sta. Wm. Binkley.....Benton

2 a. c. G. E. tot 200 kw. 2300 v. 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110 & 220 v; a. c. day & nt mo. cir. 220 v. 3 ph. 60 cys; 200 hp. turb. (wtr.) Dowling; 125 hp.e. Ball; 150 hp. b. Ames. Energy purchased from The Hawks Elec. Co.

City cont. 46 arcs series 5.6 amp. $55 per yr; 10 series tung. 60 c. p. $15 per yr; moonlt; coal $2.75. (Co. also lts. Milford, Benton & Lake Wawassee.)

D L S W 3 ✠ 75

**TELL CITY,** 3,369—Munic. Wtr. & Lt. Plant; cost $40,000.
City Clerk, Louis Siebert.......Tell City
¶ Pur. Agt. Theo. Kiefer......... "
*Supt. B. H. Freeland.......... "
Engr. Pwr. Sta. Boyd Howerd... "

2 a. c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. (various volt.) s. & 3 ph. 60 cys; 150 hp. e. Skinr; 300 kw. turb. (stm.) G. E.; 550 hp. b. Atlas, Brnl, Walton. 180 city series Tung. 60 c. p. $7 per yr; all nt; coal $1.25 & $1.50. (Contemplates erection of about 5-mi. trans. line to Troy.)

D L S 1 3 ★125

**TERRE HAUTE,** 58,157—Terre Haute Indianapolis & Eastern Trac. Co. (Terre Haute Div.) Office, 663 Wabash Ave (Pwr. stas., Terre Haute; Sub-stas Brazil, Seelyville, Sullivan, Farmersburg, Vermilion and Atherton.) (Leases Terre Haute Traction & Lt. Co.); cap. $3,000,000; bds. $4,743,000.
Pres. Robt. I. Todd..........Indianapolis
Sec. & Treas. Joseph A.
McGowan................ "
Audr. E. J. Davis.......... "
*Gen. Mgr. T. F. Grover....Terre Haute
¶Pur. Agt. D. F. Roach...... "
Supt. Ry. M. M. Nash........ "
Supts. { G. O. Nicoali... "
Lt. & Pwr. } H. D. Falls..............Brazil
Ch. Engr. H. E. Smith........Terre Haute
Sta. Elecn. J. A. Norman..... "

5 a. c. G. E. tot. 16,000 kva. 2300 v. 2 ph. 60 cys; 13 mo. gen. & rot. conv. G. E. West. tot. 4800 kw. 600 v; 18 rect. G. E. tot. 1000 lts; trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v; a. c. mo. cir. 440 v. 2 ph. 60 cys; 20,000 hp. stm. turb. G. E.

City cont. 675 arcs magn. 4 amp. $67 per yr; all nt; coal $1.00. (Co. also serves Brazil, Knightstown, Harmony, Staunton and Seelyville, Ind., and Vermilion, Ill.; sells in bulk to West Indiana Utilities Co. at Brazil and West Terre Haute.)

C D R S 2 3 ✠ 125

**THORNTOWN,** 1.508 — Munic. Elec. Lt., Ht. & Wtr. Plant; cost $27,000.
Clerk & Treas. Ed. P. Rose...Thorntown
*¶Mgr. L. B. Shaw............ "
Engrs. { Chas. Dobson..... "
Pwr. Sta. } Ivan Dobson...... "

2 d. c. W. tot. 540 amp. 250 v; d.c. nt. ltg. cir. 220 v; 210 hp. e. Alfree, Skinr, Ault; 300 hp.b. Atlas, C. & T; also stm. htg.

32 city arcs $75 per yr; 14 city incs. $9 60 per yr; moonlt; coal $2.20.

C H L S ✠ 35E

**TIPTON,** 4,075—Munic. Elec. Lt. & Wtr. Plant; cost $200,000.
Mayor, J. A. Lewis....................Tipton
Treas. W. S. Walker................ "
*Supt. Lester Boring............... "
Ch. Engr. B. W. Graham........... "

2 a. c. G. E. tot. 450 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 2 ph. 60 cys; 600 hp. e. Bates, Cor; 650 hp. b. Brnl.

310 city lamps; moonlt; coal $2.50.

D L S 1 2 ✠ 75

**TOPEKA,** 600—*S. P. Hull.

2 a. c. F. M. & Co. tot. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-220 v. s. & 3 ph. 60 cys; 75 hp. e. (gas) F. M. & Co.

City cont. 28 type "C" Mazdas 60—80 c. p. $26.25 (average) per yr; moonlt. midnt; kerosene 7½ cts. (6 mi. trans. outside city limits supplying farmers.)

D G L 1 3 125

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The Hawks Elec. Co. See Goshen.

**UNION CITY,** 3,209—The Union City Elec. Co. (Controlled by The Albert Emanuel Co., Dayton, Ohio.)
Pres. Albert Emanuel.........Dayton, O.
*¶ Sec. & Local Mgr.
D. O. Vaughn................Union City
Treas & Cont. Agt.
L. A. Pettit, Jr..............Dayton, O.

Engr. Pwr. Sta. H. L. Holderman
Union City

3 a.c. G.E. Warren tot. 350 kw. 2200 v. s. & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 425 hp. e. Corlis, Atlas; 450 hp. b. Indianapolis. Also purchases current from Greenville Lt. & Pwr. Co., Greenville, O.

City cont., 56 A. B. arcs 6.6 amp. $59 per yr; 35 Mazdas 100 w. $35 per yr; all nt; coal $2.60.

D L S 1 3 ✣ ★125

**UNIONDALE,** 189 — Wabash Valley Utilities Co. See Ft. Wayne.
Local Mgr. Delma Lockwood . . Uniondale

a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 15 arcs series 80 c. p. $22 per yr; 1 A. M.

D L 3 ✣ 125

**UPLAND,** 1,080—Marion Lt. & Htg. Co. See Marion.

**VALPARAISO,** 6,987—Valparaiso Ltg. Co. (Controlled by American Public Utilities Co.): cap. $150,000.
Pres. C. B. Kelsey........ } Grand Rapids,
V. Pres. J. H. Brewer..... } Mich.
Sec. Blaine Gavett........ "
Treas. & Audr. W. J. Ripley "
¶ Mgr. L. O. Gordon ............Valparaiso
Supt. R. J. Cory................ "

Energy purchased from Northern Indiana Gas & Elec. Co; 3 transf. G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys.

City cont. 40 incs. "C" 400 c. p. $55 per yr. and 160 incs. "C" 80 c. p. $18 per yr; moonlt. all nt; coal $2.16.

D L 1 3 ✣ ★125

**VAN BUREN,** 1,189—Marion & Bluffton Trac. Co. See Marion.

**VEEDERSBURG,** 1,757—Munic. Water & Lt. Plant; bds. $14,000.
Pres. Bd. of Pub. Wks. J. W. Walter
Veedersburg
*Supt. & Ch. Elecn.
W. T. Armstrong "

2 a.c. Elec. Mch. Bull. tot. 135 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph; 200 hp. e. Ball; 300 hp. b. Spgf.

City cont. 40 series incs. 400 c.p. and 50 tung. 60 w. midnt; coal $1.60. (Also lts. Sterling).

D L S 1 3 125

**VERSAILLES,** 486—*Versailles Mill & Elec. Co.; cost $8 000.

d. c. ltg. & mo. cir. 220 v; no day cir; 50 hp. b. Madison; 50 hp. e Bckye.

City cont. 42 inc. Tung. 40 w. $9.50 per yr; moonlt. midnt; coal and wood $700 per yr.

C L S 73

**VEVAY,** 1,256—*Munic. Elec. Lt. & Water Works; cost $22,000.
Mgr. & Supt. J. L. Detroz............Vevay

2 d. c. Northn, S-H. tot. 160 kw. 250 v; no day cir; 250 hp. e. Atlas, Ham, Cor; 250 hp. b. Brn'.

City incs. 64 w. 7 cts. per kw; moonlt; all nt; coal $2.

C L S 34†

**VINCENNES,** 17,000—Vincennes Elec. Co. (Controlled by The Eastern Pwr. & Lt. Corpn.); cap. $20,000; mtg. notes $20,000.
Pres. Wm. S. Hoover..........Vincennes
V. Pres. W. S. Barstow
50 Pine St., New York, N. Y.
Sec. & Treas. A. J. Heitz.......Vincennes
Gen. Mgrs. W. S. Barstow & Co., Inc.
50 Pine St., New York, N. Y.
Audr. F. H. Dow................Vincennes
Ch. Engr. J. H. Cannon ....... "
Ch. Elecn. W. W. Frund...... "

2 a. c. Bull. tot. 230 kw. 2300 v. 3 ph. 60 cys; a. c. day cir. 106 v; 320 hp. e. A. & S; 300 hp. b. Atlas, Houston, Stan. & Gamble.

Coal $1.61.

D L S 3 ✣ ★16

City Elec. Ltg. Co. (Controlled by The Eastern Pwr. & Lt. Corpn); cap. auth. $300,000; bds. outstg. $200,000.
Pres. T. H. Adams..............Vincennes
V. Pres. Chester W. Adams.... "
¶ Sec., Treas. & Mgr.
Felix L. Cadou............... "
Ch. Engr. William Maxfield.... "
Gen. Mgrs. W. S. Barstow & Co., Inc.
New York, N. Y.

3 a. c. Ft. W, G. E. tot. 885 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day ltg. cir. 104 v. 60 cys; a. c. mo. cir. 440-220 v. 3 ph. 60 cys; 1475 hp. e. R. & S. Bckye; 750 hp. b. Brnl, Spring.

City cont. 300 magn. arcs a. c. 2000 c. p. $52.63 per yr; all nt; coal $1.24.

D L S 1 3 ✣ 16

**WABASH,** 8,687—Wabash Wtr. & Lt. Co. (Controlled by United Service Co., Scranton, Pa.); cap. outstg. $500,000; bds. $350,000.
Pres. T. W. McNamee...........Wabash
V. Pres. J. I. Robertson.......... "
Sec., Treas. & Mgr. R. W. Klare. "
Gen. Mgr. L. H. Conklin........Scranton

2 a.c. G.E. Curtis tot. 1500 kw. 2200 v. 3 ph. 60 cys; 1 d. c. Ft. W. 75 kw. 500 v; 1 d. c. arc G. E. 115 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220-440-2200 v. 3 ph. 60 cys; d. c. mo. cir. 500 v; 1100 hp. b. Erie, Stir; 1500 kw. turb. (stm.) G.E.

City cont. 83 arcs series A. B. 2000 c. p. $70 per yr; 170 Mazdas 60 c. p. $17.50 per yr; all nt; coal $1.85.

C D L S 3 ✣ 36

**WAKARUSA,** 859—The Hawks Elec. Co. See Goshen.

a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

D L 1 3 26

**WALKERTON,** 1,003 — Munic. Elec. Ltg. System; cost $14,000.
Board { O. C. Shockney.....Walkerton
of { M. D. Le Roy....... "
Trustees { Clerk F. A. Mangus "
*¶ Supt. Arthur L. Freyer..... "
Engr. Jesse Jackson .......... "

Purchases energy from Plymouth Elec. Lt. & Pwr. Co.; trans. volt. 13,200 v. 3 ph; 3 transf. G. E. tot. 90 kva; a. c. day & nt. ltg. cir. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

18 city arcs Ft. W. enc. 6.6 amp; 3 nitro. lamps 600 c. p. 20 amp; 14 series Mazdas 6.6 amp; moonlt. all nt.

D L 1 3 ★16

**WARREN,** 1,189 — Munic. Elec. Lt. & Water Plant.
Village Pres. E. Huffman..........Warren
Clerk, M. T. Shultz............... "
Treas. Frank Young ............ "
*Gen. Supt. J. M. Long........... "
Engr. Pwr. Sta. D. Bock......... "

1 a. c. Ft. W. 120 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Bass; 150 hp. b. Bass. Current for day service is purchased from Marion & Bluffton Trac. Co.

28 city arcs; 5 city incs; com. ltg. 10 cts. per kw; moonlt; coal $2.80.

D L S 1 ✣ ★16

**WARSAW,** 4,430 — The Winona Elec. Lt. & Wtr. Co.; cap. stock issued $1,000; bds. outstg. $200,000.
Pres. J. F. Beyer .............. Warsaw
Sec. C. S. Dickey............Winona Lake
Treas. W. H. Kingery............Warsaw
*¶Mgr. & Cont. Agt.
Theo. C. Frazier.................. "
Engr. Pwr. Sta. A. G. Menzie.... "

1 d. c. West. 125 kw. 550 v; 3 a.c. Ft.W. 200 kw. 2200 v. s. ph. 60 cys; 2 arcs T. H. 50 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v; d. c. ltg. & mo. cir. 550 v; 537 hp. e. Ide, Ridgeway and Dynamo; 450 hp. b. Bab. & W.

City cont. 85 arcs T. H. 6.6 amp. $60 per yr; 35 Mazdas 6.6 amp. $30 per yr; Philadelphia moonlt; coal $2.40. (Co. also lts. Winona Lake.)
C D L S 1 34†

**WASHINGTON,** 7,854 — The Electric Works; cost $87,000; bds. $14,000.
Pres. John Dosch............Washington
V. Pres. Bert Streeter........ "
Sec. & Treas. Spencer A. Ward. "
*¶ Mgr. & Cont. Agt.
Chas. E. Dove.............. "
Engr. Pwr. Sta. Robt. Schofield "

3 d. c. G. E, Ft. W. tot. 250 kw. 550 v; 3 a. c. Ft. W, West. tot. 450 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 133 cys; d. c. mo.cir. 500 v; 700 hp. e. L. & B; 800 hp. b. Ames, C. & T.

City cont. 219 Mazdas (200-250 c. p. & 19-1000 c. p.) $7.85 per yr; moonlt; coal $1.45. (Sell energy to Washington St. Rys.)
C D L S 1 ✠ 125

**WATERLOO,** 1,167—Indiana Utilities Co. For executive officers, see Angola.
Supt. & Ch. Engr. J. P. McCague
Waterloo

Day & nt. ltg. cir. 110 v. 60 cys.
City cont; for terms, see Angola.
D L ✠ 16

**WAYNETOWN,** 734—Munic. Ltg. System.
*Pres. Bd. J. J. Birdcell......Waynetown
Elec. Lt. Com. M. Foster....... "
S. P. Brown..... "
A. White........ "
Clerk, E. H. Edwards........ "

Purchases energy from Crawfordsville; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir.
D L X 125

**WEST BADEN,** 746 — West Baden Elec. Lt. & Pwr. Co.
*Mgr. Harry Ballard.........West Baden
L 34†

**WESTFIELD,** 700—Noblesville Ht., Lt. & Pwr. Co. See Noblesville.

City cont. 30 incs. 100 w. series $30 per yr; moonlt. all nt.
L 25

**WEST TERRE HAUTE**, 5,000—West Indiana Utilities Co. See Brazil.

Energy from T. H., I. & E. T. Co; 2200 v. s. ph. 60 cys; W. E. transf. tot. 65 kw; a. c. day & nt. ltg. cir. 106–108 v. 60 cys; no. mo. cir.

City cont. 34 arcs enc. G. E. 2000 c. p. 4 amp. $66 per yr; all nt.
D L 1 125

**WHITING,** 6,587 — Northern Indiana Gas & Elec. Co. See Hammond.

**WILLIAMSPORT,** 1,243—*Munic. Wtr. & Lt. Plant; cost $40,000; bds. $4,000.
Pres. Bd. F. P. Steinberg...Williamsport
¶ Sec. & Treas.
Wm. C. Odle.............. "
Mgr. Burton Scott.......... "
Engr. Pwr. Sta. Ernest Cox.. "

2 a. c. tot. West. Ft. Wayne 145 kw. 1100 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v; — hp. e. Rus, Atlas; 200 hp. b. Frost.

38 Mazdas 250 c. p; moonlt; coal.
D L S 1 ✠ 74

**WINAMAC,** 1,607—Munic. Lt. & Water Plant; cost $37,500; bds. $19,000.
Pres. Vil. J. M. Gill...........Winamac
V. Pres. John R. Starr.......... "
Sec. Clarence Barnett.......... "
Treas. Jay M. Nye............. "
*¶Mgr. F. T. Morrissey......... "

1 a. c. Westg. 125 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 80 hp. e. Fitch; 80 hp. b. Breman.

80 city incs. 100 c. p. all nt; coal $2.07.
D L S 1 3 ★16

**WINCHESTER,** 4,266—Citizens Ht., Lt. & Pwr. Co. (In Sept. 1914, purchased the property of the Ridgeville Elec. Lt. Co.); cap. $200,000; bds. $12,000.
Pres. J. T. Moorman.........Winchester
V. Pres. C. W. Moore.......... "
Sec. & Treas. E. S. Goodrich.. "
*¶Mgr. & Cont. Agt.
O. N. Eiler.................. "
Engr. Pwr. Sta. Otto Vanness. "

2 a. c. Ft. W. tot. 400 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 450 hp. e. (oil) Deisel.

City cont. 41 arcs. G. E. 6.5 amp. $65 per yr; 40 series Mazdas 80 c. p. $40 per yr; moonlt; fuel oil 3½ cts. per gal. (Also lts. Lynn (38 incs. 80 c. p.); Farmland (33 incs. 80 c. p.); Saratoga (17 incs. 80 c. p.) and Ridgeville.)
D G L 3 ✠ 25

**WINGATE,** 449 — Montgomery Lt. & Pwr. Co. See New Richmond.

1 transf. G. E. 25 kw; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 42 type "C" lamps 250 & 100 w. tot. $1025 per yr; moonlt. midnt.
D L 1 105

**WOLCOTT,** 980—Interstate Public Service Co. See Indianapolis.

Energy from Fowler and Monticello; 3 ph; a. c. day & nt. service.

City cont. 17 orna. 4-lt. posts 75 w. $70 per yr; all nt.
D L 3 ✠ 16

**WORTHINGTON,** 1,732—Indiana Wtr. & Lt. Co.; cap. $10,000; bds. $20,000.
¶Pres. & Treas.
W. E. Daniels .... ....Worthington
V. Pres. J. M. Daniels...... "
*Sec. E. P. Daniels......... "

1 a. c. Ft. W. 75 kw. 1100 v. s. ph. 60 cys. 110 v; day cir; 110 hp. e. Ideal; 200 hp. b. Atlas.

City cont. 40 incs. 250 c. p. $23 per yr; 10 incs. 100 c. p. $14 per yr; moonlt; coal $1.40.
D L S 1 25

**ZIONSVILLE,** 840—Zionsville Wtr. & Elec. Lt. Co. (Owned and operated by Continental Utilities Co., Lansing, Mich.); cap. $10,000; bds. $7,500.
Pres. E. Holcomb........Lansing, Mich.
V. Pres. J. O. Vanier........Indianapolis
¶Sec. & Treas.
F. E. Wood..............Lansing, Mich.
Local Mgr. & Supt.
W. H. Palmer................Zionsville

Energy purchased from Lebanon Sta. of Terre Haute, Indpls. & Eastern Tr. Co., trans. volt 26,000 v; 3 transf. Ft.W. tot. 45 kw; a. c. day & nt. (4:30 A.M. to 12:30 A. M.) ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 67 Mazdas multiple 40 w. $15 per yr; dusk to mdnt. & 5 A. M. to daylt.
D L 1 3 ✠ ★16

## IOWA.

**ACKLEY,** 1,244 — Munic. Electric Lt. Plant; cost $30,000.
*Mgr. & Ch. Elecn. Wm. Sauter...Ackley
4 d. c. G. E. Ft. W. tot. 125 kw. 110 v; d. c. day & nt. ltg. cir; 175 hp. e. F. & S, Ide; 265 hp. b. Mur, Atlas, F. & M. Co; also stm. htg.

7 city arcs enc. 110 v. d. c. 3.5 amp. $60 per yr; 96 incs. 56 w. $12 per yr; 21 electro; moonlt. 3 A. M; coal $2.33.
C D H L S ✠ 25

**ADAIR,** 900—Munic. Elec. Lt. & Wtr. Plant; bds. $30,000.
Mayor, F. E. Gates....................Adair
City Clerk, H. D. Byers.............. "
*Mgr. & Supt. Guy Chatburn....... "
¶ Cont. Agt. Ernest Freese.......... "
Engr. Pwr. Sta. John Minard...... "
2 a. c. West. Ridg. tot. 150 kva. 2300 v. 3 ph. 60 cys. a. c. nt. ltg. cir. 110-115 v. 60 cys; a.c. mo. cir. 220 v. 3 ph. 60 cys; 75 hp. e. Ide; 170 hp. b. Murray.

City cont. 6 arcs West. 7.6 amp; 47 incs. series 4 amp. 100 w; mdnt; coal $2.05.
L S 3 125

**ADEL,** 1,289—The Adel Lt & Pwr. Co. cap. $50,000. No bds.
Pres. & Mgr. L. M. Macy.............Adel
¶V. Pres. & Supt. C. S. Macy....... "
*Sec. R. H. Luther .................. "
¶Treas. & Audr. F. C. Macy......... "
Ch. Engr. J. F. Snyder............... "
2 a. c. West. G. E. tot. 500 kva. 2300 v. 2 ph. 60 cys; trans. volt. 2300-6600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. 2 & 3 ph. 60 cys; 350 hp. e. Murray, Cor; 300 hp. turb. (wtr.) McC, Lef; 500 hp. b. Atlas, Murray.

City cont. 106 Tung. series 5.5 amp. 40 c. p. $11.40 per yr; moonlt. mdnt; coal $2. (Also lights Dallas Center, De Soto, Minburn, Waukee and Van Meter.)
D L S W 1 2 3 ✠ ★16

**AFTON,** 1,014—Munic. Elec. Lt. Plant; cost $9,500; bds. $7,000.
*Supt L. T. Brown...................Afton
Energy purchased from Creston Mutual Lt., Ht. & Pwr. Co.; trans. volt. 13,000 v. 3 ph. 60 cys; 12 transf. G. E. 64 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 2 ph. 60 cys.

122 city Mazda series 3.5 amp; moonlt.
D L 2 3 ✠ 125

**ALBIA,** 4,969—Southern Iowa Ry. & Lt. Co. (Consolidation of Albia Interurban Ry. Co. and Albia Gas Co.); cap. $120,000.
Receiver A. C. Mueller.........Davenport
*Mgr. Ralph W. Boyer...............Albia
Supt. W. J. Read....................... "
Ch. Engr. Pwr. Sta. J. E. Smith.... "
5 d. c. Ft. W, W. E. tot. 550 kw. 500-220-110 v; 1 a. c. West. G. E. 50 kw. 2200-110 v. 2 ph. 60 cys; d. c. day cir. 220-110 v; d. c. pwr. cir. 220 v; 600 hp. e. Ide, Ball; 600 hp. b. Spgfld. Ames; also stm. htg. and 15 ton ice plant (York), and pump city water.

City cont. 43 arcs 1200 c. p. $70 per yr; 36 incs. 25 c. p. $18 per yr; moonlt. all nt; coal $1.35.
C D H I R S 2 ★125

**ALGONA,** 2,908—Munic. Elec. Lt. & Water Plant.
Mayor, Jos. W. Wadsworth.......Algona
*City Clerk, S. W. Crowell....... "
Treas. Wm. Cleary................. "
Supt. Lt. & Wtr. Dept.
J. W. Kelley......................... "
3 a. c. F. M. & Co. tot. 225 kw. 1100 v. 3 ph. 60 cys; 3 d. c. F. M. & Co. tot. 25 kw. 125 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 325 hp. e. (oil) F. M. & Co.

City ltg. 125 series mazdas. 40 w; 33 5-lt. posts 40 & 60 w; moonlt; distillate $4.45.
C D G L 1 3 ✠ 14

**ALTA,** 959—Munic. Elec. Lt. Plant; cost $7,000.
Supt. Geo. Gurney.......................Alta
*City Elecn. Bert Gurney............. "
2 d. c. G. E. tot. 85 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 170 hp. e. Frost; 690 hp. b. Frost; moonlt; coal $4.
C D L S ✠ 16

**ALTON,** 1,046—Mason & Mason Elec. Lt. Co.; cost $15,000.
Owners { ¶Cont. Agt. Jacob Mason. Alton
Owners { *Mgr. Myron Mason...... "
2 d. c. Ft. W. tot. 47 kw. 220-110 v; 25 amp. hr. stor. bat. E. S. B. 110 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 90 hp. e. (oil) Alamo.

City cont. 40 Tung. 100 w. $25 per yr; 8 5-lt. electrolier posts (8-100 w. & 32-60 w.) 10 cts. per kw; moonlt. mdnt; oil 4¾ cts.
C D G L ✠ 75

**ALTOONA,** 438—Gibson Elec. Co.
*Owner, Geo. T. Gibson..........Altoona
Energy purchased from Inter Urban Ry. Co., Des Moines; 6 transf. Kuhl. tot. 25 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 440 v. s. & 3 ph. 25 cys.

City cont 41 incs. $18 per yr; moonlt. (Also lts. Mitchellville.)
D L 1 3 ✠ 125

**AMBER,** 80—Iowa Electric Co. For officers, see Marengo.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 12 incs. Mult. 40 w. $18.50 per yr. moonlt. all nt.
D L 3 16

**AMES,** 4,223—Munic. Elec. Lt. & Wtr. Plant; cost $80,000; bds. $12,000.
Treas. W. D. Meltzer...................Ames
*¶ Mgr. & Cont. Agt.
Chas. E. Warsaw..................... "
Engr. Pwr. Sta. A. Ball.............. "
4 a. c. Westg. G. E. tot. 780 kw. 1100 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. b. Bros.; 425 hp. e. Ide; 500 kw. stm. turb. G. E.

City cont. 127 inc. series 32 c. p. $16.80 per yr; 10 series Tung. 200 c.p. $33 per yr; 22 5-lt. electrolier posts 60 w. $48 per post per yr; all nt; coal $2.06.
D L S 1 2 3 ✠ 125

**ANAMOSA,** 2,473—Iowa Electric Co. For executive officers, see Marengo.
Local Mgr. C. W. Metcalf......Anamosa
2 a. c. Allis-C. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 450 hp. e. Allis-C; 700 hp. wtr. wh. Allis-C; 475 hp. b. Mur.

City cont. 158 series incs. 60 c. p. $18.50 per yr.
D L S W 3 ★16

**ANITA,** 1,118—Anita Elec'l. Lt. & Pwr. Co.
*Mgr. P. A. Johansen.................Anita
Purchases energy from town of Adair; transmn. volt. 6600 v. 3 ph. 60 cys; a.c. day (Tuesday half-day) & nt. ltg. cir. 110 v 60 cys.

City cont. 55 incs. $20 per yr; moonlt.
D L 3 114

**ARMSTRONG,** 586 — Armstrong Cement Wks.; cap. $25,000; no bds.
Pres. Wm. Stuart..............Armstrong
V. Pres. T. W. Cheever....... "
*Sec. & Mgr. P. H. Atwood... "
Treas. H. J. Felkey............ "
Supt. H. W. Rubel............. "
Engr. Pwr. Sta. Dave Martin "

1 a.c. Elec. Mch. 75 kva. 2400 v. 3 ph. 60 cys; a.c. day & nt. (5 A. M. to 12 P. M.) ltg. cir. 110-220 v. 60 cys; a.c. day & nt. (5 A. M. to 12 P. M.) motor cir. 110-220 v. s. & 3 ph. 60 cys; 116 hp. e. Murray; 160 hp. b. Murray.

City. cont.—Mazda series 60 c. p. $1.75 per mo; moonlt; coal $4.05.
D L S 3 ✢ ★16

**ATLANTIC,** 4,560—Munic. Elec. Lt. Wks.; cost $53,000; bds. $20,000.
Treas. Jas. S. Whitney ..........Atlantic
*¶Mgr. T. E. Nichols............ "
Engr. Pwr. Sta. V. S. Carlson.... "
Ch. Elecn. Wm. Rapp........... "

3 a.c. Bnll. tot. 490 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220 v. 2 ph. 60 cys; 700 hp. e. Ideal, Ham; 500 hp. b. Murray.

230 city series Tung. 75 w. $12 per yr; 50 5-lt. electroliers, 60 w. at 5 cts. per kw; moonlt; all nt; coal $1.97.
D L S 2 125

**AUDUBON,** 1,928—Audubon County Elec. Co.
*¶Owner, Mgr. & Cont. Agt.
R. G. Wieland.....................Audubon
Sec. & Treas. M. C. Wieland... "
Engr. Pwr. Sta. Fred Plaehn... "

1 a. c. G. E. 150 kw. 2300 v. 3 ph, 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 300 hp. e. Rice & Sargent; 150 hp. b. Frost.

City cont. 110 incs. 16 c.p. $12 per yr; moonlt; coal $3. (Also lts. Hamlin and Exira.)
L S 1 3 ✢ 25

**AVOCA,** 1,520—Avoca Elec. Lt. & Pwr. Co. (Controlled by the Continental Gas & Elec. Corpn., Cleveland, O.) cap. $15,000; no bds.
Pres. C. S. Eaton...........Cleveland, O.
V. Pres. W. H. Abbott...... "
Sec. & Treas. Geo. H. Harper "
¶ Mgr. Cont. Agt. & Ch. Engr.
W. A. Torrey.......................Avoca
Engr. Pwr. Sta. H. McKensey...... "

1 a. c. West. 47 kw. 230 v. s. ph. 60 cys; 2 d. c. W. E. tot. 115 kw. 230 v; a. c. day & nt. ltg. & mo. cir. 110 v; d. c. day & nt. ltg. & mo. cir. 230 v; 200 hp. e. Atlas, S. C, Cor; 300 hp. b. Wilson.

City cont. 200 tung. 40 w. $12 per yr; mdnt; coal $2.30. (Also lts. Shelby.)
C D L S 1 ✢ 35

**BAGLEY,** 488—Munic Elec. Lt. Plant.
*¶Mgr. & Cont. Agt.
E. G. Nicholas..................Bagley
Engr. Pwr. Sta. M. E. Shank...... "

2 d. c. C. & C. F. M. & Co. tot. 46 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir; 72½ hp. e. (oil) F. M. & Co., Venn. S.

City cont. 30 Mazdas "C" 60 & 100 w. mdnt; oil 4½ cts. per gal.
C D G L ✢ 125

**BATTLE CREEK,** 527—*Chas. E. Churchill, Lock Box 585; cost $16,000.

2 d. c. F. M. & Co., W. E. tot. 82 kw. 250-125 v; d. c. day & nt. ltg. & mo. cir. 246-123 v; 95 hp. e. (gas) F. M. & Co.

Kerosene 5½ to 8 cts.
C D G L ✢ 16

**BEDFORD,** 1,883—Bedford Lt., Ht. & Pwr. Co.; cap. $20,000; no bds.
*Pres. & Treas.
Arthur D. Smith ...............Bedford
Sec. & Mgr. A. G. Hastie........ "
Engr. Pwr. Sta. D. M. Perry..... "

Purchases energy from Lee Lt. & Pwr. Co. (Clarinda); trans. 13,200 v. 3 ph. 60 cys; 2 transf. West. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v s. & 3 ph. 60 cys.

City cont. 100 series tung. 40 c. p. $11.40 per yr; 25 electro of 5 lts. each 176 c. p. at 12½ cts. per kw; moonlt. mdnt.
D L 1 3 ✢ 24

**BELLE PLAINE,** 3,121—Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Local Mgr. W. B. Sealey.....Belle Plaine
Engr. Pwr. Sta. M. E. Hunt... "

3 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 180 hp. e. D. & C, A. & S; 260 hp. b. Murray.

City cont. 119 Mazdas 100 w. $16 per yr; moonlt. all nt; coal $1.71.
D L S 1 3 ✢ 125

**BELLEVUE,** 1,776—*Munic. Elec. Lt. & Wtr. Plant; cost $49,000.
Mayor, Louis Bettner..............Bellevue
Clerk, Henry Graaff............. "
Treas. Jos. Kelso, Jr............. "
Supt. & Engr. Pwr. Sta.
Joe Wuerth..................... "

3 a. c. West. tot. 210 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 85 hp. e. Ideal; 200 hp. e. Foos (gas); 250 hp. gas pro. Dornfeld, Smith; 100 hp. b. Kew.

300 city Mazdas 40, 60 and 100 w; all nt; coal $7.25.
D G L S 3 ✢ 74

**BELMOND,** 1,418—Iowa Falls. Elec. Co. (Purchased property of W. T. McCaskey & Co., Lansing, Mich.) For executive officers see Iowa Falls.
Local Mgr. D. G. Remer........Belmond

3 a. c. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 275 hp. e. (gas) Olds.

City cont. 41 series incs. 40 c. p; 36 5-lt. electro.
D G L 3 16

**BETTENDORF,** 909—Bettendorf Improvement Co.; cap. $100,000.
Pres. J. W. Bettendorf........Bettendorf
V. Pres. J. H. Bendixen........Davenport
*Sec. & Treas. Thos. Fratcher.. "
Gen. Supt. L.M. Balzer........Bettendorf

1 a. c. G. E. 50 kw. 2300 v. 3 ph .60 cys: 1 d. c. mo. G. E. 75 hp. 230 v; 1 rect. G. E. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220 v. 3 ph. 60 cys. (over 3 hp.): 220-110 v.s. ph. 60 cys. (under 3 hp.); purchase d. c. energy from The Bettendorf Co.

City cont. 20 arcs G. E. 4 amp. $60 per yr; 38 incs. G. E. 4 amp. $30 per yr. all nt.
C D L S 1 3 125

**BLAIRSTOWN,** 532—Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Local Mgr. J. P. Walters...........Toledo
Engr. Pwr. Sta. Jos. Trout ....Blairstown

1 a. c. G. E. 52 kw. 1150 v. s. ph. 133 cys; nt. ltg. cir. 115 v; a. c. nt. mo. cir. 220 v. s. ph. 60 cys; 50 hp. e. N. Y. Safety; 50 hp. b. Peoria.

City cont. 42 incs. 40 & 50 c. p. $14.28 per yr; moonlt. mdnt; coal $1.85.
R S 1 ✢ 125

**BLOOMFIELD,** 2,028—Munic. Elec. Lt. & Pwr. Plant; bds. $10,500.
Mayor, E. N. Bezzenberger....Bloomfield
Commr. H. Leon............... "
Treas. R. C. Bristow........... "
*Gen. Supt. & Ch. Engr.
T. Z. Millard............... "

3 d. c. Eddy, Westg. tot. 160 kw. 110 v; d. c. day & nt. ltg. cir. 104 v; d. c. day & nt. mo. cir. 110 v; 225 hp. e; 200 hp. b. Murray.

177 city Mazdas 25 w., 80 Mazdas 60 w., 20 Mazdas 100 w., 3 Mazdas 500 w. $5.52 per yr; moonlt; coal $1.58.
C D L S ★16

**BOONE,** 10,347—Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Local Mgr. F. W. Linebaugh........Boone
Engr. Pwr. Sta. John May........ "

3 a. c. G. E. Allis C. tot. 2300 kva. 2300 v. 3 ph. 60 cys; 1 d.c. Allis C. 500 kw. 600 v; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. pwr. cir. 500 v; 2000 kva. stm. turb. Allis C; 300 kw. e. Bckye; 1230 hp. b. Edgemore; also stm. htg.

City cont. 289 series Mazdas 6.6 amp. $20 per yr; moonlt. all nt; coal and screenings. (Also serves Luther, Madrid. Slater, Sheldahl, Woodward, Bouton and Perry.)

C D H R S 3 125

**BRITT,** 1,500—Britt Lt. & Pwr. Co.; cap. auth. & pd. in $12,000; bds. auth. $6,000.
*¶Pres. & Mgr. L. M. Goodman.....Britt
V. Pres. A. J. Ashby..............Laurens
Sec. & Treas. M. M. Goodman......Britt
Engr. Pwr. Sta A. Trulson.......... "

3 d. c. G. E, F M. & Co. 90 kw. 120 v; d. c. nt. ltg. cir. 120 v; d. c. day & nt. mo. cir. 240 v; 160 hp. b. Murray; 155 hp. e. Ide, Skinr; also stm. htg.

City cont. 3 arcs mult. enc. A. B. 600 w. $60 per yr; 40 incs. mult. 40 c. p. $12 per yr; moonlt. mdnt; coal $3.60.

C D H L S ✠ 25

**BROOKLYN,** 1,476,—Grinnell Elec. & Htg. Co. See Grinnell.

a. c. day & nt. cir. 115 v; a. c. day & nt. mo. cir. 115 v. 3 ph. 60 cys.

D L 3 26

**BUFFALO,** 456—Munic. Ltg. Plant; cost $5,000; bds. $4,000.
*Town Clerk, Christian Zogg.....Buffalo

1 d. c. —— 12½ kw. 240 v; d. c. day & nt. ltg. cir. 108 v.

87 city tung. 100 w; oil.

C D G L 25

**BURLINGTON,** 24,324—Burlington Ry. & Lt. Co. (Purchased the Elec. Lt. Plant of Keoto.) (Owns Wapello Elec. Lt. & Pwr. Co. and What Cheer Elec. Lt. & Pwr. Co.); cap. $1,250,000; bds. $750,000, 5 p. c. int.
*Pres. G. H. Higbee ..........Burlington
V. Pres. E. C. Walsh..............Clinton
¶ Sec. Treas. & Mgr. C. H. Walsh
Burlington
Audr. A J. Meyer.............. "
Supt. & Cont. Agt.
D. D. Bentzinger............ "
Engrs. Pwr. Sta. A. E. Powell. "
Engrs. Pwr. Sta. Scott Jones. "

5 d. c. pwr. G. E. Westg. tot. 975 kw. 550 v; 3 a. c. G. E, Westg. tot. 975 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 220-110 v. s. & 3 ph; d. c. mo. cir. 550 v; 2300 hp. e. Ham, Mur, St. L; 2400 hp. b. Heine, Bab. & W; also stm. htg.

City cont. 253 G. E. arcs 7.5 amp. $65 per yr; 83 series incs. 32 c. p. $19 per yr; moonlt; slack $1.45. (Co. also lts. West Burlington.)

C D H R S 1 3 ✠ 124d

**BURT,** 495—Burt Lt. & Pwr. Co.; cap. $6,250.
*Pres. & Mgr. C. H. Blossom..........Burt
V. Pres. D W. Pratt................... "
¶ Sec. C. B. Chipman.................. "
Treas. C. C. Smith.................... "
Engr. Pwr. Sta. Chas. Shrader...... "

1 d. c. Ft. W. tot. 22 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 110 v; 35 hp. e. (oil) Alamo.

City cont. 30 incs. 60-100 w. $20 per yr; oil distillate 5⅛ cts. per gal.

C D G L ✠ 25

**CALAMUS,** 390—Iowa Electric Co. For officers, see Marengo.

a. c. day & nt. ltg. cir. 115 v: a. c. day & nt. mo. cir. 230 v. s. ph. 60 cys.

City cont. 18 incs. mult. 40 w. $18 per yr; moonlt; all nt.

D L 1 16

**CAMBRIDGE,** 696—Elec. Lt. Plant.
*Owner, W. A. Curtis.........Cambridge

Energy purchased from Central Iowa Lt. & Pwr. Co; 6 transf. Moloney tot. 120 kw; trans. volt. 6600 v; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

D L 3 ✠ 125

**CANTRIL,** 416—Cantril Telephone & Elec. Lt. Co.
*Mgr. Geo. W. Irwin...............Cantril

1 d. c. Roth. 15 kw. 110 v; no day cir; 18 hp. e. M. & W.

C L S 16

**CARROLL,** 3,546 — Carroll Lt. & Ht. Co. (Controlled by the Electric Properties Ass'n., which in turn is controlled by the Federal Pwr & Lt. Co.); cap. outstg. $70.000; bds. $100,000.
Pres. Lindsey Hooper..
V. Pres. R. S. Kimball..
Sec. C. A. Olson........
55 Congress St., Boston, Mass.
Treas. J. P. Hess......................Carroll
Mgr. Fred. C. Ross................. "
Engr. D. E. Duckett ................ "

2 a. c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo cir. 110-220 v. s. & 3 ph. 60 cys; 700 hp. e. Murray; 690 hp. b. Murray, Keeler; hot wtr. htg. system.

City cont. 111 incs. series 6.6 amp. $16.92 (aver.) per yr; 64 5-lt. electrolier 4-40 w., 1-60 w. $23.40 (aver.) per yr; all nt. moonlt; coal $3.06.

D H L S 3 ✠ ★26

**CASCADE,** 1,268—Cascade Elec. Lt. & Pwr. Co.; cap. $7,000; no bds.
V. Pres. L. P. Freeman..Los Angeles, Cal.
*¶ Sec. & Mgr. H. L. Dehner......Cascade.
Treas. J. W. Beatty.........Cedar Rapids.
Ch. Engr. S. Severn ..............Cascade

2 a. c. Westg. G. E. tot. 90 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 80 hp. e. Ideal; 100 hp. b. Pittsburgh; 40 hp. e. (gas) Moline-Knight; 80 hp. wtr. wh. Trump.

City cont. 48 series tung. 6.6 amp. 350, 200 & 60 c. p. tot. $1230 per yr; moonlt. mdnt; coal $4.25.

D G L S W 1 ✠ 16

**CEDAR FALLS,** 5,012—Munic. Elec. & Wtr. Plant; bds. $75,000.
*Supt. C. H. Streeter..........Cedar Falls
Engr. Pwr. Sta. A. E. Powell. "

2 a. c. Ft. W. tot. 500 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-112-114 v; a. c. day & nt. mo. cir. 220-224-228 v. 3 ph 60 cys; 750 hp. e. Mur; 575 hp. b. Kew, Mur.

300 city inc. "C" 60 c. p; coal 2.79⅛.

D L S 3 125

**CEDAR RAPIDS,** 40,000—Iowa Ry. & Lt. Co. (Consolidation of Cedar Rapids & Iowa City Ry. & Lt. Co., Hunt Elec. Lt. Plant, Marion Lt., Ht. & Pwr. Co., Marshalltown Lt., Pwr. & Ry. Co., Tama & Toledo Elec. Ry. & Lt. Co., Chelsea Elec. Lt. & Power Co., Boone Elec. Co., Perry Elec. Lt., Pwr. & Htg. Co.) (Acquired Belle Plaine Elec. Co., Nevada Elec. Co., and Elec. Lt. Plant of G. W. Nicholson Co., Grand Junction; controls Iowa Trac. Co); cap. $3,122,500; bds $4,325,000.
Pres. & Gen. Mgr. Wm. G. Dows,
Cedar Rapids
V. Pres. & Treas. Isaac B. Smith "
V. Pres. John A. Reed ...... "
Sec. & Audr.
Chas. S. Woodward....... "
Asst. Gen. Mgr. Robt. S. Cook "

¶Pur. Agt. S. C. Dows......Cedar Rapids
Supv. Engr. Pwr. Stas.
Frank W. Laas............ "
*Ch. Elec. Engr. J. M. Drabelle "
Engr. Pwr. Sta. Ralph Ford "

5 a. c. Bull. Allis-C. West. G. E. tot. 9700 kw. 2300 v. 2 ph. 60 cys; 2 d. c. W. E, G. E. tot. 600 kw. 600 v; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 440-220-110 v. s. & 2 ph 60 cys; d. c. pwr. cir. 500 v; 1800 hp. e. Bckye, Fulton Ball; 6040 hp. b. Bab. & W, Edge A. & T, Heine: 13,000 hp. turb. (stm.) Allis-C, G. E; also stm. htg.

City cont. 384 arcs Ft. W. 451 w. $55 per yr; 53 series Tung. 75 w; moonlt; coal $2.40. (Operates in Blairstown, Boone, Chelsea, Grand Junction, Marion, Marshalltown, Nevada, Perry and Toledo. Also serves Luther, Madrid, Slater, Sheldahl, Woodward, Bouton, Kenwood, Le Grand, Montour, Stone City, Whittier, Waubeek, Central City, Central Point, Tipton, Tama, Colo, Zearing and Gilman; sells energy in bulk to Maxwell Elec. Lt. & Pwr. Co; will furnish energy to Monticello Elec. Co.)

C D H R S 1 2 ✣ 125

**CENTERVILLE,** 6,936--Centerville Lt. & Trac. Co.; cap. $500,000; bds. $114,500.
*¶ Pres. & Mgr. F. S. Payne...Centerville
V. Pres. C. M. Bradley......... "
Sec. S. D. Payne............... "
Treas. D. C. Bradley........... "
Audr. G. E. Peck............... "
Supt. Harry Longanecker...... "
Engr. Pwr. Sta. G. W. McCarthy "

1 d. c. West 250 kw. 600 v; 3 a. c. G. E, Allis-C. tot. 1200 kw. 2200 v. 3 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 2000 hp. e. Mur, Bckye. Allis-C; 900 hp. b. Murray, Bab. & W; also stm. htg.

City cont 47 arcs A. B. 6.6 amp. $65 per yr; 18 series Mazdas 80 w. $18 per yr; all nt; moonlt; coal $2.13. (Also lts. Moravia.)

C D H R S 1 3 ✣ 125

**CENTRAL CITY,** 558—Electric Service Co.; cap. $82,000; bds. $18,000.
Pres., Mgr. & Gen. Supt.
F. J. Cross...............Cedar Rapids
V. Pres. J. S. Hall ............Monticello
*Sec. & Treas. Wm. E. Fisher. Central City

1 a. c. Ridge 300 kw. 2300 v. 3 ph. 60 cys; trans. volt. 16,500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. wtr. wh. Trump; connects with lines of Iowa Ry. & Lt. Co. for auxil. power.

City cont. 227 incs. "C." 60 c. p. $20 per yr; coal.

(Also lts. Center Point. Walker, Alice, Rogers, Ryan and Wallcreek; will light Coggan, Alburnett, Palo and Wellsburg.)

D L W 1 3 ✣ 75

**CHARITON,** 3,794—Union Service Co. (Controlled by Union Co. of Omaha, Nebr.)
¶Pres. & Mgr. Willis Todd. Omaha, Nebr.

2 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 800 hp. b. Murray.

City cont. 21 5-lt. posts and 178 incs; moonlt; coal $1.50. (Co. also lts. Lucas, Woodburn and Russell; transm. line to Osceola and Murray.)

D L S 3 ✣ ★16

**CHARLES CITY,** 5,892—Cedar Valley Elec. Co. (Successor to Cedar Valley Power Co.); cap. outstdg. $221,000; bds. $300,000. (Controlled by American Gas Co.)
Pres. M. W. Stroud.. } W. Washington Sq.
V. Pres. S. P. Curtis } Philadelphia, Pa.
Treas. J. B. Townsend, 3d "
Mgr. C W. Taggart..........Charles City
¶Pur. Agt. F. D. Wharton
W. Washington Sq., Philadelphia, Pa.
Engr. Pwr. Sta. Chas. Kilroy..Charles City

4 a.c. G. E. Allis-C. tot. 800 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 600 hp. e. Ball; 1050 hp. b. Murray, Erie City, Keeler; 345 hp. turb (wtr.) Lef. Trans. volt. 33,000 v.

City cont. 201 incs. 60 c. p. $20 per yr; 43 3-lt. posts 220 c. p. $40 per yr; midnt; coal $3.25. (Also lts. Nashua, Clarksville, Parkersburg, Hampton, Aplington and Austinville; will lt. Latimer.) (Will erect trans. line connecting Hansell, Dumont, Bristow and Allison.)

D L S W 3 ✣ ★95

**CHELSEA,** 507—Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Local Mgr. Jos. Uchytil..........Chelsea

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v.

City cont. 9 carbon 32 c. p. $18 per yr; moonlt.

D R X ✣ 125

**CHEROKEE,** 4,884 — Cherokee Elec. Co. cap. $42,000; bds. $27,500.
Pres. A. A. Boyd.....Michigan City, Ind.
Sec. & Treas. R. F. Garrettson " "
*¶Mgr. W. E. Wright...........Cherokee
Ch. Engr. Andrew Jensen........ "
Engr. Pwr. Sta. R. J. Miller ..... "

3 a. c. G. E. West. tot. 470 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 395 hp. e. Allis-C. Flemg; 265 hp. b. Kew; 240 hp. e. (oil) Busch-Diesel, St. Louis.

City cont. 6 arcs G. E. series 6.6 amp. $78 per yr; 92 incs. series 6.6 amp. $21 per yr; moonlt. all nt; 55 5-lt. electroliers 60 w. $42 per post, top lt. all nt, bottom lt. 11 P. M; screenings $3.80. (Also lts. Aurelia.)

D G L S 3 ✣ ★125

**CLARINDA,** 4,547—Lee Lt. & Pwr. Co. (Successor to Lee Elec. Co.); cap. $230,000; bds. outstdg. $333,000.
Pres. John D. Curtis....New York, N.Y
V. Pres. A. M. Hewes........Chicago, Ill.
*¶Sec. Treas. Mgr. & Cont. Agt.
Rufus E. Lee ...................Clarinda
Supt. Elec. Constr. W. N. Jackson "
Ch. Engr. John O. Olson......... "

3 a. c. Warren, Natl, Allis-C. 750 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph; 750 hp. b. Murray; 625 kva. stm. turb. Allis-C; also stm. htg. and 15 ton ice plant (Wolf.)

City cont. 90 A. B. arcs mult. 4 amp. 1 A. M. $42.80 per yr; 144 Mazda 48 c. p. $12 per yr; 16 incs. carbon 32 c. p. $27.60 per yr; 11 P. M; coal; slack $2 & $2.75. (Also lts. New Market, Gravity, Bedford, Corning, College Springs, Blanchard, Braddyville and Shambaugh and Elmo, Mo.)

D H I L S 1 2 3 ✣ 104

**CLARION,** 2,500—Clarion Lt. Plant; cost $23,000.
Owners, Mozingo & Mack........Clarion.
*¶Mgr. & Ch. Elecn. M. E. Mozingo "
Supt. Geo. Mack.................... "

3 d.c. Hawthorne, Ft. W, tot. 140 kw. 115-230 v; d. c. day & nt. ltg. cir. 112 v; d. c. day & nt. mo. cir. 220 v; 260 hp. e. Murray; 260 hp. b. Frost, Kew.

City cont. 90 Mazdas mult. 60 w. $12 per yr; 31-5 lt. electroliers 60 & 40 w. $20 per yr. per post; moonlt. all nt; coal $3.50.

C D L S ✣ 125

**CLARKSVILLE,** 895 — Cedar Valley Elec. Co. See Charles City.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 56 Mazdas 500, 100, 60 & 40 w. $66, $21, $18.10 & $16.20 per yr; mdnt.
D L 3 ✠ ★95

**CLEAR LAKE,** 2,014 — Clear Lake Elec. Lt. & Pwr. Co.; cap. $20,000; bds. $10,000.
*¶ Pres. & Cont. Agt.
John L. Etzel................Clear Lake
V. Pres. J. H. Woodstock..... “
Sec. & Treas. Geo. A. Etzel.. “
Mgr. G. Lundgren............. “
Supt. D. C. Branson........... “

2 a.c. Ft. W. 200 kw. 1000 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; 300 hp. e. Murray; 250 hp. b. Murray.

City cont. 96 incs. series tung. 32 c. p. $13.80 per yr; moonlt; coal $3.25.
L S 1 ✠ 113w

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People's Gas & Elec. Co. See Mason City.

**CLERMONT,** 510—*C. Miller & Sons. (In 1915, purchased Munic. Lt. Plant at Fayette.)

4 a. c. Elec. Mch. tot. 430 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v 60 cys; 400 hp. e; 400 hp. wtr. wh. Trump; 400 hp. b.

(Co. also lts. Elgin, Fayette, West Union and Hawkeye; will lt. Arlington.)
D L S W 3 85w

**CLINTON,** 25,577—Clinton Gas & Elec. Co., 501 S. Second St.; cap. $750,000; bds. $350,000.
Pres. E. A. Young................Clinton
V. Pres. C. H. Young............. “
Sec. A. L. Schuyler............... “
Treas. C. C. Coan.................. “
*¶Gen. Mgr. & Cont. Agt.
Thos. Crawford................. “
Ch. Engr. Chas. Andrews........ “

4 a. c. G. E. tot. 2800 kw. 2300 v 2 ph. 60 cys; 4 d. c. Allis C. 750 kw. 550 v; a. c. day & nt. ltg. & mo. cir. 110-220 v; d. c. day & nt. ltg. cir. 550 v; d. c. day & nt. mo. cir. 550v; 1000 hp. e. Bates, Allis-C; 2400 hp. b. Oil City, Geary; 2500 hp. stm. turb. G. E.

City cont. 220 arcs G. E. 6.6 amp. 450 w. $60 per yr; 80 incs. "C" 250 w. $60 per yr; dark nts; screenings $2 (Co. also lts. Lyons, Preston, Miles, Charlotte and Gooselake; sells in bulk to Clinton St. Ry. Co. and to Illinois Northern Utilities Co. at Fulton, Ill.)
C D L S 2 ✠ ★125

**COIN,** 591—Coin Elec. Lt. & Pwr. Co.; cap. $7,500; no bds.
*¶ Pres. & Mgr. C. S. Buchtel. ......Coin
V. Pres. Jas. Whitmore ............ “
Sec. R. O. Gamble..................... “
Treas. Chas. Hart..................... “

Buys current from The Artificial Ice. Pwr., Ht. & Lt. Co. (Shenandoah); a. c. day & nt. ltg. & pwr. cir.

City cont. 43 Tung. 100 w. 10 cts. per kw; moonlt.
D L X ✠ 23

**COLFAX,** 2,524—Colfax Elec. Lt. Co. (Controlled by Des Moines Elec. Co. which see for executive officers.)
Local Supt. D. J. McDonough.....Colfax

Energy from Des Moines Elec Co., 3 transf. G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c.day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. (Colfax) 84 series Mazdas 32 c. p. $19.20 per yr; 23 incs. mult. 60 w. $63.80 per yr; all nt. (Co. also lts. Prairie City.)
D L 3 ✠ 16

**COON RAPIDS,** 1,087—Coon Rapids Lt. & Pwr. Plant.
*¶Owner, Mgr. & Supt.
S. D. Henry...............Coon Rapids
Engr. Pwr. Sta. Wm. Rock.. “

2 d. c. W. E. tot. 100 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 100 hp. e. Mur; 100 hp. b. Kew; 25 hp. e. (gas) Muncie.

City cont. 72 Mazdas 40 & 60 w; coal $2.25 & fuel oil 4 cts. per gal.
C D G L S ✠ 75

**CORNING,** 1,702 — Lee Lt. & Pwr. Co. For executive officers, see Clarinda.
Local Mgr. J. T. Hills............Corning

2 transf. G. E. type H. 50 kw. 2200 v. 2 & 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 26 5-lt. electroliers 40 w. $39 per yr; top lt. all nt.; bottom lts. until 11 P. M.
D L 2 3 ✠ 25

**CORRECTIONVILLE,** 893 — Munic. Lt. & Pwr. Plant.

1 d. c. West. 50 kw. 220 v; d. c. nt. ltg. cir. 225-240 v; 125 hp. e. Mur. Cor; 150 hp. b. Kew, Frost.

City cont. 32 incs. West. 100 w. $16.20 per yr; moonlt; coal $4.10.
C L S ✠ ★125

**CORYDON,** 1,868 — *Munic. Elec. Lt. Plant: cost $2,600.
Elec. Geo. Miller................Corydon
Lt. B. F. Fry................... “
Com. M. E. Sallman............. “
¶Supt. & Ch. Elecn.
Harry E Clark................. “
Ch. Engr. H. N. Allen.......... “

2 a. c. Ft. W. 75 kw. 2300-2200-110 v s. & 3 ph. 60 cys; no day cir; 245 hp. e. Murray, Ideal; 180 hp. b. Murray.

2300 com. incs. 16 c. p. 15 cts. per kw; 140 Mazda st. series; moonlt: coal $2.28.
L S 1 3 ✠ 72

**COUNCIL BLUFFS,** 29,292—Citizens Gas & Elec. Co., 26 Pearl St. (Controlled by the Omaha Elec. Lt. & Pwr. Co.); cap. $396,000; bds. $650,000.
Pres. Geo. H. Harries........Chicago, Ill.
V. Pres. E. A. Wickham...Council Bluffs
Sec.& Treas. S.E.Schweitzer Omaha,Neb.
Cont. Agt. Chas. Hansen..Council Bluffs
¶ Pur. Agt. W. B. Whitehorn
Omaha, Neb.
Gen. Mgr. H. A. Holdredge.. “
Local Mgr. A. L. English..Council Bluffs

Energy purchased from Omaha Elec. Lt. & Pwr. Co.; a. c. day cir. 115 v; pwr. cir. 115-230-460 v. s. & 3 ph. 60 cys.

City cont. 44 enc. arcs G. E. 6.6 amp. $85 per yr; 50 flam. arcs (underground) 10 amp. $95 per yr; 32 flam. arcs (overhead) 10 amp. $90 per yr; 752 incs. 60 c. p. $21.25 per yr; all nt.
D L 1 3 ★85

**CRESCO,** 2,658 — Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.) For executive officers, see Decorah.
¶ Mgr. G. Anderson.................Cresco

Energy from Decorah; 3 transf. Packard 225 kva: 2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v: a. c. day & nt. mo. cir. 220 v. 3 ph; 200 hp. e Cor, Vilter; 300 hp. b. Burns, Frmn.

City cont. 10 arcs enc. 450 w. $96 per yr; 88 series incs. 3.5 amp. $15 per yr; all nt moonlt; coal $3.35.
D L S 2 ✠ 25

**CRESTON,** 6,924—Creston Mutual Elec. Lt., Ht. & Pwr. Co.
Pres. J. C. Sullivan................Creston
*¶Mgr. Geo. E. Cornelius......... “

3 a.c. G. E. tot. 700 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. day & nt. mo. cir. 212 v. 2 ph. 60 cys; 1100 hp. e. Ball, Fitchburg; 700 hp. b. Heine.

City cont. 52 arcs a. c. 2000 c. p. $75 per yr; 60 Mazdas 40 c. p. $18 per yr; moonlt; coal $2.20. (13,200 v. 3 ph. trans. to Afton.)
D L S 2 3 ✠ 125

**DANBURY,** 558 — Munic. Lt. & Wtr. Wks; cap. $10,000.
Pres of Board. J. F. Mohr......Danbury
V. Pres. M. D. Cord............ "
Sec. J. C. Jacobson............. "
Treas. Pat McLaughlin.......... "
*Supt. M. B. Brady.............. "
Engr. Pwr. Sta. D. M. Powell... "

1 a. c. Elec. Mach 35 kw. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110-220-440 v. 60 cys: 55 hp. e. (gas) Foos; 75 hp. gas pro. Smith.

City cont. 35 incs. series 60 c. p. $30 per yr; moonlt; coal $8.

G L 3 ★125

**DAVENPORT,** 43,028—People's Light Co. (Consol. of Independent Lt. & Pwr. Co. & Davenport Gas & Elec. Co.) (Controlled by Tri-City Ry. & Lt. Co., which in turn is controlled by the United Lt. & Rys. Co.)
Pres. J. F. Porter..............Davenport
V. Pres. & Gen. Mgr.
H. C. Blackwell.............. "
Sec. & Treas. H. E. Weeks..... "
Cont. Agt. C. H. Myers........ "
¶ Pur. Agt. Geo. G. Kuhn...... "

Energy purchased from Moline-Rock Island Mfg. Co., Moline, Ill.; 10 transf. West. tot. 3800 kva; 2 rot. conv. West. tot. 600 kva; 3 mo. gen. West. tot. 1200 kw; 2 d. c. arc G. E, Brush 800 lt; 8 rect. G. E, West. tot. 400 lt; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440 v. 2 ph. 60 cys; d. c. mo. cir. 500-220 v; also stm. htg.

City cont. 740 magn. arcs 320 w. $57 per yr; 4,000 hrs.

C D H L 1 2 ✠ ★16

The Tri-City Ry. & Lt. Co. Office, 125 W. Third St. (Holds the stock of Tri-City Ry. Co. of Iowa, Tri-City Ry. Co. of Ill., Moline, Rock Island & Eastern Trac. Co., Moline, E. Moline & Watertown Ry. Co., People's Pwr. Co., People's Lt. Co., Davenport Gas & Elec. Co., Davenport & Suburban Ry. Co., Davenport Pwr. & Lt. Co., Davenport & Muscatine Ry. Co., Muscatine Ltg. Co., Iowa City Lt. & Pwr. Co., and Moline-Rock Island Mfg. Co.): prfd. stock $3,000,000; common $9,000,000; (98 per cent. of the common stock is held by United Lt. & Rys. Co.); bds. outstg. $13,308,000.
Pres. J. F. Porter,..............Davenport
1st V. Pres. R. Schadelee
Grand Rapids, Mich.
2d V. Pres. H. R. Tobey
49 Wall St., New York, N. Y.
3d V. Pres. & Gen. Mgr.
B. J. Denman.................Davenport
Treas. F. T. Hulswit
Grand Rapids, Mich.
Sec. H. E. Weeks..............Davenport
Asst. Sec. E. W. Niver..New York, N.Y.
Asst. Treas. H. E. Littig........Davenport
¶ Pur. Agt. Geo. G. Kuhn...... "

★16

**DECORAH,** 3,592—Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.) (2 hydro-elec. plants and 1 stm. auxil.)
Pres. & Treas. Ralph M. Burtis
1465 E. 53d St., Chicago, Ill.
*V. Pres. & Gen. Mgr. W. H. Burtis
Decorah
Sec. J. H. Duncan.............. "
Gen. Supt. & Ch. Engr.
M.S. Howard. ....... ........Waukon
Elec'l & Constr. Engr. G. W. Welch
Decorah

6 a. c. Elec. Mach., G E. tot. 1800 kw. 2200 v. 3 ph. 60 cys; trans. 13,200 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110-220 v. 60 cys: mo. cir. 220 v 3 ph. 60 cys; 600 hp. e. Ideal, Vil, Cor; 800 hp e. Murray, Heine, Spgfd; 2000 hp. b. turb. Smith, Lef. (wtr.)

City cont. 58 5-lt. posts, 1—60 w. & 4—40 w. mult; 11 P. M. & all nt; coal $4.25. (This division also serves Waukon, Postville, Fairfield, Lansing, Frankville and Gresco. Transmn. line to Ossian under construction where energy will be sold in bulk to local company.)

D L S W 3 ✠ 25

**DENISON,** 3,133—Munic. Elec. Lt. Plant. (City took over plant of Denison Elec. Lt. & Pwr. Co., on May 1st, 1914.)
Mayor, W. H. Laub..............Denison
Clerk, E. F. Tucker............. "
Treas. C. L. Voss............... "
*Actg. Supt. H. G. Miller....... "

2 a. c. Ft. W. tot. 200 kw. 1100 v. s. ph. 140 cys; a. c. day & nt. ltg. cir. 104 v. 140 cys; a. c. mo. cir. 220-110 v. s. ph. 140 cys; 1 arc Ft. W. 17½ kw; 225 hp. e. Murray, Ide; 350 hp. b. Atlas, Peoria.

50 city arcs 1200 c.p. $60 per yr; moonlt; mdnt; coal $3. (New Plant of 300 kva. cap. under construction.)

D L S 1 ✠ 104E

**DES MOINES,** 86,368 — Des Moines Elec. Co., cor. 8th & Locust Sts. (Controls Montezuma Elec. Lt., Pwr. & Htg. Co., Colfax Elec. Lt. Co., Oskaloosa Trac. & Lt. Co., and New Valley Jct. Wtr. & Lt Co.) (Part of the Illinois Traction System); cap. $1,625,000; bds. $1,560,000.
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Chas. Zilly....... "
Sec. E. A. MacNutt........Montreal, Can.
Treas. Geo. M. Mattis ....Champaign, Ill,
Gen. Mgr. W. H. Thomson, Jr..Des Moines
Cont. Agt. H. W. Garner...... "
¶ Pur. Agt. H. J. Vance........Peoria, Ill.
Supt. of Distr. W. C. Robinson..Des Moines
Optg. Engr. Geo. B. Brush.... "
Engr. Pwr. Sta. N. Christensen "

2 a. c. Allis-C. tot. 8000 kw. 2300 v. 3 ph. 60 cys: 5 d. c. West, G. E. tot. 2600 kw. 250-125 v; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. & d. c. day & nt. mo. cir. 230 v; 2950 hp. e. McI. & S, R. & S; 8,000 kw. stm. turb. Allis-C; 4683 hp. b. Stir.

City cont. 354 arcs G. E. 500 w. $65 per yr; 1850 incs. series 6 6 amp. 40 c.p. $17.04 per yr: all nt; coal $1.75. (Co. also lts. Carlisle and Govt. Reservation at Ft. Des Moines. 44,000 v. trans. line to Colfax and Prairie City: contemplates completion of line to Oskaloosa from Prairie City.)

C D L S 3 ✠ 16

**DE WITT,** 1,870—Iowa Elec. Co. For executive officers, see Marengo.
Local Mgr. John Reichart........De Witt

2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys: 250 hp. e Allis-C; 250 hp. b. Frmn.

City cont. 125 incs. series 40 c.p; moonlt.

D L S 3 ★16

**DOW CITY,** 462—Munic. Elec. Lt. & Pwr. Plant; cost $5,000.
Sec. E. G. Wiggins.............Dow City
Treas. E. E. Newkirk .......... "
Mgr. Clair Butterworth........ "
Cont. Agt. J. Cramer........... "
¶ Pur. Agt C. Vollerson........ "
*Engr. Pwr. Sta. G. E. Calundan
Box 57, "

2 d.c. Ft. W, F. M. & Co. tot. 32½ kw. 220 v; 20 amp. 110 v. stor. bat. E. S. B: d. c. day & nt ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 50 hp. e. (gas) F. M. & Co.

32 city Mazdas 60-250 w; 11 P. M; oil 7.8 cts. per gal.

D G L ★125

**DOWS,** 892—Iowa Falls Elec. Co. (Purchased property of W. T. McCaskey & Co. of Lansing, Mich.) For officers, see Iowa Falls.

2 a. c. G. E. 120 kw. 220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 150 hp. e. (gas) Olds.

City cont. 34 incs. mult. 40 c. p; 12 5-lt. electro; moonlt.
D G L 1 3 ✠ ★16

**DUBUQUE,** 38,494 — Union Elec. Co. (Consol. of Star Elec. Co. and Home Elec. Co.); cap. outstdg. $1,643,900; bds. $860,000.
Pres. F. W. Altman..............Dubuque
V. Pres. & Treas. Geo. W. Myers "
*¶Sec. & Mgr. E. M. Walker.... "
Audr. Mary E. Crabtree........ "
Cont. Agt. E. T. Hughes........ "
Engr. Pwr. Sta. Geo. W. Schmidt "

3 a.c. turbo-gen. G. E. tot. 9500 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 1650 kw. 550 v; 2 rect. tot. 100 lts; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 440-220 v; d. c. mo. cir. 550 v; 2400 hp. b. Bab. & W.

City cont. 632 incs. "C" 600 c. p. & 400 c. p .20 amp. $67.50, $62.50 & $52 per yr; all nt; coal $2.40. (Sells energy to city of East Dubuque, Ill.)
C D R S 3 ✠ ★125

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Eastern Iowa Elec. Co., 302 Security Bldg.
*¶Pres. F. W. Altman.,..........Dubuque
V. Pres. John A. Reed......Cedar Rapids
Sec. J. R. Lindsay............Chicago, Ill.
Treas. B. F. Blocklinger........Dubuque

Will purchase energy from Union Elec. Co. and distribute in Dyersville, Farley, Epworth, Peosta and intermediate towns; under construction.
L §95

**DUNCOMBE,** 418—Duncombe Lt. & Pwr. Co; cost $6,800; cap. $4,300.
Pres. N. J. Wagner............Duncombe
V. Pres. J. J. Claussen........ "
*¶Sec. & Mgr. D. Maricle...... "
Treas. Elias Nelson........... "

Energy purchased from Webster City Munic. Plant; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir.

City cont; mdnt.
D L X ✠ 125

**DUNLAP,** 1,155 — Dunlap Elec. Co. (Controlled by Continental Gas & Elec. Corpn.)

2 d. c. West. tot. 270 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir; 60 hp. e. (oil) Alamo.

City cont. 30 tung. 40 w. $24 per yr; oil $5.80 per 100 gal.
C D G L ✠ ★26

**DYERSVILLE,** 1,900—Eastern Iowa Elec. Co. (Purchased property of Dyersville Lt. & Water Co. See Dubuque.

1 a. c. Ft. W. 90 kw. 1100-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Chuse; 160 hp. b. Frmn. & Mur.

City cont. 39 Mazdas 60-100 w; moonlt; 180 Mazdas 40 w. mdnt; tot. $139.58 per mo; coal $3.15.
L S 1 ✠ ★125

**EAGLE GROVE,** 3,387—Citizens' Lt., Ht. & Pwr. Co.; cap. $48,750; bds. $15,000.
Pres. R. M. Smallpage.......Eagle Grove
V. Pres. Chas. Haukole...... "
*¶Sec. Mgr. & Cont. Agt.
J. A. Innes................ "
Treas. Geo. Wright.......... "
Ch. Engr. O. E. Hunt...... "

3 a. c. West. G. E. tot. 625 kw. 2300 v. 3 ph. 60 cys; 1 d. c. W. E. 35 kw. 125 v; a. c. & d. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 118-236 v. s. & 3 ph; d. c. mo. cir. 125 v; 400 hp. e. Reynolds, Allis C, Soo City; 400 hp. b. Mur. Phoen. Freem; 300 hp. turb. (stm.) West; (also stm. htg.)

City cont. 210 Mazdas series 40 c. p. $12 per yr; 168 mult. Mazdas 40 w. $79 per mo. (38 all nt. & 130 10.30 P. M); coal $3.15. (Co. also lts. Goldfield.)
C D H L S 1 3 ✠ 125

**EARLHAM,** 749—Munic. Elec. Lt. & Wtr. Plant.
*Supt. E. A. Baker.......... Earlham

2 a. c. Westg. tot. 110 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Murray; 220 hp. b. Murray.

Coal.
L S 2 16

**EARLING,** 307—Stinn Implement Co; cost $3,000.
Mgr. A. C. Stinn ..................Earling
*Engr. E. L. Stinn................ "

2 d. c. Lawson-Louton, F. M. & Co. tot. 10½ kw. 130 v; Universal stor. bat; d. c. day & nt. ltg. & mo. cir. 110 v; 20 hp. e. gas I. H. S. Titan Mogul.

City cont. 9 incs. 15 cts. per kwh. hours; oil 9 cts. per gal.
C D G L ✠ §26

**EAST PERU,** 371—Peru Elec. Lt. & Pwr. Co.
*Supt. & Engr. Pwr. Sta.
F. A. Herwehe.....................E. Peru

2 d. c, Tri. & F. M. & Co. tot. 20½ kw. 230 v; d. c. day (Mon. & Tues.) & nt. ltg. cir. 220 v; — hp. e. (gas) Otto; — hp. e. (oil) F. M.
D G L ✠ 123

**EDDYVILLE,** 1200—Munic. Elec. Lt. Plant.
*Mgr. A. Lieberman.............Eddyville
Engr. Pwr. Sta. S. Kussart...... "

2 d. c. G. E. 55 kw. 250 v; d. c. day & nt. ltg. cir. 220 v; 90 hp. e. Mur; 200 hp. b. Mur.

5 city arcs 660 w. $50 per yr; 60 incs. 60 w; moonlt. mdnt; coal $2.
C D L S ✠ ★85

**ELDON,** 2,024—Munic. Elec. Lt. & Pwr. Plant; cost $7,000.
*¶Mgr. & Supt. C. A. Flint........Eldon

2 a. c. Westg. tot. 160 kw. 1040 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; 230 hp. e. Bckye, Murray, Cor; 220 hp. b. Murray.

96 city Mazdas 60 c.p. $9 per yr; moonlt. all nt; coal $1.75.
L S 1 ✠ 125

**ELDORA,** 1,995—The Iowa River Lt. & Pwr. Co; cap. $52,200: no bds.
Pres. & Treas. E. W. Lundy.......Union
Sec. E. H. Lundy....................Eldora
*¶Mgr. J. C. Lundy ................ "
Ch. Engr. J. M. Mohr.............. "
Engr. Pwr. Sta. R. Hurto........... "

5 a. c. Allis C. Elec. Mach. Westg. tot. 890 kw. 2300 v. 3 ph. 60 cys; trans. volt. 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph; 1300 hp. b. Allis C. F. & S; 1000 hp. b. Lennox, Bab. & W; 186 hp. turb. (wtr.) Tri; stm. htg.

City cont. 130 Mazdas 100 w; $10.80 per yr; coal $1.98. (Co. also lts. Union, Steamboat Rock, Radcliffe, Lawnhill, Gifford, Liscomb, Whittier, Conrad, Beaman, Hubbard and New Providence.)
D H N S W 1 3 ✠ ★125

**ELKADER,** 1,181—Schmidt Bros. & Co. (Elec. Lt. Plant.)
*¶Mgr. C. G. Schmidt...........Elkader
Ch. Engr. & Elecn. H. M. Wolf.. "

2 a. c. Elec. Mch. tot. 175 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. Ide; 150 hp. turb. (wtr.) Leff.

City cont. 4 arcs 1200 c. p. $60 per yr; 48 incs. 32 c. p. $15 per yr; moonlt. all nt; coal $4. (Will erect trans. line to Garnavillo and install 250 kw. gen. 350 hp. water wheel and 400 hp. oil engine.)
D L S W 3 ✠ 125

**ELMA,** 807—Munic. Elec. Lt. Plant; cost $8,000.
Pres. Bd. G. Cunningham............Elma
Clerk, C. J. Garmen................. "
Treas. Irving Depres................. "
*¶Mgr. & Ch. Engr.
E M. Streich....................... "

2 a. c. Westg. G. E. tot. 175 kva. 2300 v. 3 ph. 60 cys; a. c. day (part.) & nt. ltg. cir. 110 v. 60 cys; a. c. day (part.) & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 240 hp. e. Mur, Cor; 310 hp. b. Kew. Murray.

City cont. 75 series & mult. incs. 40-250 c. p. $12 per yr; moonlt; coal $3.20. (Sells energy in bulk in Alto Vista.)

D L S 3 ✣ ★125

**EMMETSBURG,** 2,325—Emmetsburg Elec. Co.; cap. $30,000; bds. $23,000.
Pres. Mortimer Silverman,
8 Congress St., Boston, Mass.
V. Prests. { Guy B. McKinney,
8 Congress St., Boston, Mass.
W. O. Kunhall,
8 Congress St., Boston, Mass.
¶Sec., Treas. & Audr. Ross Rollins,
8 Congress St., Boston, Mass.
*Mgr. R. J. Mullins.........Emmetsburg

2 a. c. G. E. tot. 262 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. Ide; 200 hp. b. Star.

City cont. 219 incs. "C" 32 & 60 c. p. $16 & $21 per yr; all nt; coal $2.50.

D L S 1 3 ✣ ★16

**ESSEX,** 776—Essex Lt. & Pwr. Co.; cap' stk. $5.000.
¶ Pres. & Mgr. Oscar Nelson... ...Essex
*V. Pres. A. D. Collins............. "
Sec. & Treas. J. A. Ekerath........ "

Purchases current from The Artificial Ice, Pwr., Ht. & Lt. Co. (Shenandoah); a. c. day ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 220-110 v. s. ph. 60 cys; 30 kw. incs

City cont. 40-100 w. tung. 10 cts. per kw.

D L 1 ✣ 61

**ESTHERVILLE,** 4,500—Munic. Elec. Lt. Plant; cost $100,000; bds. outstdg. $80,000.
Mayor, M. J. Groves..........Estherville
*¶ City Clerk. N. B. Egbert... "
Supt. A. W. Kirby............ "
Mgr. Lt. Comm. J. C. Lilly..... "
Engr. Pwr. Sta. E. C. Sutton... "

2 a. c. Ft. W. G. E. tot. 310 kw. 2300 v. 3 ph. 60 cys: a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Twin City; 225 hp. e. (oil) Diesel; 350 hp. b. Kew.

76 Tung 100 c. p; 44 5 lt. electroliers; all nt. Coal.

D L S 3 ✣ 75

**FAIRFIELD,** 5,050—Munic. Elec. Lt. Plant; cost $18,000; no bds.
*Supt. C. B. Antes ...............Fairfield

Energy purchased from Interstate Pwr. Co.; 1 d. c. arc W. E. 80 lt; no day cir; 125 hp. e. Murray; 125 hp. b. Kew. (Plant held in reserve).

458 city tung. 100-60-40 w.

L S 25

Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.) (Successor to Fairfield Public Service Co.) For executive officers, see Decorah.
Local Mgr. H. C. Stevenson.....Fairfield

2 a. c. Allis-C. tot. 210 kw. 110 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 220 v. 60 cys; a. c day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Allis-C, Ideal; 400 hp. b. Frost; also purchases energy. (Co. sells energy in bulk to city.)

Coal $2.

D L S 1 3 ✣ 25

**FARMINGTON,** 1,165—Munic. Elec. Lt. Plant; cost $11,200.
Mayor, Wm. Singleton.......Farmington
*Clerk, G. J. Beeson.......... "
Treas. Henry Hartwick...... "
Ch. Engr. L. C. Halfman.... "

1 d. c. G. E. 55 kw. 220 v; d.c. nt. ltg. cir; d. c. nt. pwr. cir. 220 v; 125 hp. e. Mur; 140 hp. b. Kew, Mur.

20 city arcs. A. B. 5 amp. $60 per yr; 35 city incs. 32 c. p. 100 w. $18 per yr; moonlt; coal $2.25.

C L S ✣ 125

**FAYETTE,** 1.112—See Clermont.

**FONTANELLE,** 789 — Munic. Elec. Lt. System; cost $12,000; bds. outstdg. $10,000.
Mayor, E. W. Adams..........Fontanelle
Councilmen { E. D. Walsworth "
F. O. Welch..... "
R. H. Barr...... "
C. F. Hulbert.... "
C. A. Baker..... "
*¶Clerk, H. J. Stuhlmiller..... "

Energy purchased from Munic. Elec. Lt. Plant at Greenfield; 2300 v. 3 ph. 60 cys; 6 transf. West. tot 120 kw; a. c. day & nt. ltg. cir. 110 v.

60 incs. 80 c. p.

D L 3 125

**FOREST CITY,** 1,691—Forest City Elec. Lt. & Pwr. Co; cap. outstdg. $25,000; bds. outstdg. $8,500.
*¶ Pres., Mgr., Cont. Agt. & Supt.
Frank Kellogg..............Forest City
Sec. J. A. Peters............. "
Treas. Willard Secor......... "
Ch. Engr. Ernest Vanderventer "

2 a. c. Elec. Mch. 185 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v; 255 hp. e. Twin City, Ball; 300 hp. b. Murray, Frost.

City cont. 82 inc. series 60 c. p. $15 & $23 per yr; all nt. mdnt; coal $3.35.

D L S 3 ✣ 25

**FORT DODGE,** 15,543--Ft. Dodge Gas & Elec. Co. (Controlled by United Lt. & Rys Co., Grand Rapids, Mich.) cap. issued $750,000.
Pres. O. M. Oleson.............Ft. Dodge
V. Pres. C. M. Hurd. Grand Rapids, Mich.
Sec. & Treas.
L. H. Heinke...... " "
¶Gen. Mgr. R. B. McDonald...Ft. Dodge
Engr. Pwr. Sta J. E. Skiff..... "

3 a. c. G. E. West. Allis-C. tot. 850 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 100 kw. 500 v; 750 hp. e. Nord; 550 hp. b. Lyons, Stirl; 750 hp. turb. Allis-C; also purchases energy from Central Iowa Lt & Pwr. Co, Fraser; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day mo. cir. 600 v.

City cont. 109 arcs 2000 c. p. $70 per yr; 58 series Tung. 32 c. p. $18 per yr, moonlt; all nt; coal.

C D L S 3 ✣ ★16

**FORT MADISON,** 8,900 — Ft. Madison Elec. Co. Office, 805 Second St.; cap. outstdg. $165,000; no bds.
Pres. Harry T. Edgar.... } 147 Milk St.,
V. Pres. Guy L. Weymouth } Boston, Mass.
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer.... "
¶Asst. Treas. F. D. Gwynn...Ft. Madison
Mgr. & Cont. Agt.
Alfred S. Nichols.......... "
*Supt. S. W. Carothers....... "
Gen. Mgrs. Stone & Webster Mgt.
Assn........147 Milk St., Boston, Mass.

Energy purchased from Miss. River Pwr. Co.; trans. 11,000 v. 3 ph. 25 cys; 3 G. E. transf. tot. 900 kw; 1 mo. gen. set G.E. 240 kva; 1 d. c. G. E. 200 kw. 500 v; 3 G E. rect. tot. 150 lts: a. c. day & nt. ltg. cir. 110 v. 25 cys; a c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 25 cys; d. c. day & nt. pwr. cir. 500 v.

City cont. 112 incs. 15 amp. series 400 c. p. $60 per yr; all nt. (Co. sells energy to Ft. Madison St. Ry. Co.)
C D L 1 3 ★125

**FRASER,** 537—Central Iowa Lt. & Pwr. Co. Office, Boone. Gen. stas., Fraser and Lake City. (Owns and controls Calhoun County Public Service Co., Rockwell City.)
Pres. Homer Loring........Boston, Mass.
V. Pres. C. H. Crooks.............Boone
¶Sec.Treas. & Audr. F. M. Johnston "
*Mgr. & Cont. Agt. Frank K Shuff. "
Engr. Pwr. Sta. T. J. Richards....Fraser
3 a. c. G. E. West. tot. 7500 kva. 2200 v. 3 ph. 25 cys; trans. volt. 22,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 & 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 25 & 60 cys; 7500 kw. stm. turb. G. E, West; 2100 hp. b. Edge.
City cont. 75 incs; moonlt. midnt; coal. (Co. also serves Ankeny, Hanley, Lehigh, Churdan, Lohrville, Lake City Gowrie, Huxley, Kelley, Buxholm, Farnhamville, Rinard, Pilot Mound and Rockwell City and sells energy to Elec. Lt. Plant at Cambridge, Fort Dodge Gas & Elec. Co. and to town of Ogden.)
D L S 3 25

**GARNER,** 1,028—Enterprise Elec. Lt., Ht. & Pwr. Co; cap. outstg. $12,500; bds. $3,000.
Pres. Isaac Sweigard..............Garner
V. Pres. J. N. Sprole.............. "
Sec. W. H. Ramsey............... "
Treas. F. M. Merten.............. "
Mgr. C. T. Schneider............. "
*¶ Supt. & Cont. Agt. H.F.Kellogg "
Ch. Engr. M. Haskins............ "
Engr. Pwr. Sta. Earl Fuhman.... "
3 d. c. Ft. W, G. E. tot. 115 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 180 hp. e. Mur, Skinr; 160 hp. b. Frost, Atlas.
City cont. 80 incs. 60 w. 10 cts. per kw; moonlt. mdnt; coal $3.08.
C D L S ✠ 125

**GEORGE,** 606—George Elec. Lt. & Pwr. Co; cost $15,000.
*¶ Mgr. H. C. Hatch...............George
2 d. c. West. Ft. W. tot. 57½ kw. 11-0220 v; d. c. day & nt. ltg. cir. 110 v: 95 hp. e. (oil) F. M.&Co;stor. bat. E.S.B.110 v. 125 amp. hrs.
City cont. 25 Edison Mazdas 100 w. $20 per yr; moonlt; midnt; distillate 5 cts. per gal.
C D G L ✠ 124

**GLENWOOD,** 4,052—Red Oak Elec.Co. See Red Oak.

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Omaha & Lincoln Ry. & Lt. Co. See Omaha, Neb.

**GLIDDEN,** 850 — Munic. Elec. Plant; bds. $20,000.
Mayor, R. A. Hamilton..........Glidden
Town Clerk, J. I. McNaught..... "
*Mgr. Ira Peugh.................. "
2 a.c. Ft.W, Ridg. 175 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. e. Murray Ridgway; 160 hp. b. Murray; transmn. volt. 6600 v. 3 ph. 60 cys; (also stm. heating).
City cont. 3 Mazdas 350 c. p. $60 per yr; 43 Mazdas 32 c.p. $12 per yr; coal $3. (Co. sells energy to Scranton-Glidden Elec.Co.)
D H L S 1 3 25

**GRAND JUNCTION,** 1,012—Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Engr. Pwr. Sta. J. W. Wertz
Grand Junction
Energy from Boone, trans. volt 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 3 transf. G. E. tot. 90 kw.
City cont. 33 incs. 32 c. p. $18 per yr.
D L 3 ✠ 125

**GRAND MOUND,** 400—Iowa Elec. Co. For officers, see Marengo.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. s. ph. 60 cys.
City cont. 25 incs. mult. 40 w. $18 per yr; moonlt; all nt.
D L 1 16

**GREENE,** 1,200—Greene Elec. Lt. & Pwr. Co.; cap. $15,000; no bds.
Pres. W. H. Buchholz...............Greene
V. Pres. M. Blumer........... "
Sec. R. Miner.................... "
Treas. F. L. Stober............... "
¶ Mgrs. *O. C. Perrin............ "
Ed. Morrill............. "
H. A. Huckins.......... "
Engr. Pwr. Sta. B. Berry......... "
2 d. c. Ft. W. tot. 170 kw. 110 v; d. c. day cir. 110 v; d.c. mo. cir. 110 v; 125 hp. e. Am, Ball; 225 hp. b. Fitzg; 175 hp. turb. (wtr.) Leffel.
City cont. 17 arcs A. B. 550 w. $60 per yr; 5 incs. carbon 32 c. p. $16.20 per yr; moonlt. mdnt; coal $3.50.
C D L S W ✠ 104

**GREENFIELD,** 1,379 — Munic. Elec. Lt. Plant; cost $30,000; bds. $9,000.
Treas. Mary R. McCollum.....Greenfield
*Town Clerk, H. G. Spooner.. "
Supt. A. G. Brown............ "
Ch. Engr. & Elecn. Fred. Hill.. "
2 a.c. Ft. W. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 285 hp. e. Bates; 230 hp. b. Frost.
City cont. 145 incs. series (45 Carbon 16 c.p. & 100 Mazdas 60 w. (electroliers); 11 P. M; coal $1.90. (Sells current to Fontanelle.)
D L S 3 ✠ ★125

**GRIMES,** 733—Munic. Elec. Lt. & Pwr. Plant; bds. $2,500.
Treas. F. N. Frier.................Grimes
Mgr. & Engr. Pwr. Sta.
C. B. Crispin.................. "
1 d. c. Ft. W. 30 kw. 125 v; d. c. nt. ltg. cir. 130-110 v; 25 hp. e. gas Thompson.
City cont. 21 tung. 40 & 60 w.; moonlt. all nt; gasoline 16.8 cts. per gal.
C G L ✠ 83

**GRINNELL,** 5,044—Grinnell Elec. & Htg. Co. (Controlled by the Electric Properties Ass'n., which in turn is controlled by the Federal Pwr. & Lt. Co); cap. outstg. $75,000; bds. $39,000.
Pres. Lindsey Hooper
35 Congress St., Boston, Mass.
V. Pres. C. H. Utter.............Grinnell
Sec. & Treas. Chas. A. Olsen
35 Congress St., Boston, Mass.
Mgr. Paul P. Myers..............Grinnell
3 a. c. G. E., Allis C., West. tot. 475 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 600 hp. e. Ideal, Rus; 750 hp. b. Scotch Marine Hoe; also stm. htg.
City cont. 194 Mazdas 80 cp. $20 & $25 per yr; 106 Mazdas 48 c.p. $20 & $15 per yr; all nt; coal $2.25. (Co. also lts. Kellogg, Brooklyn and Malcolm.)
C D H L S 1 3 ✠ ★26

**GRISWOLD,** 949—Cass County Lt. & Pwr. Co. (Controlled by the Continental Gas & Elec. Corpn); cap. $50,000.
Pres. F. A. Kidder..............Griswold
V. Pres. W. H. Abbott......Cleveland, O.
Sec. H. B. Abels........... "
Treas. C. S. Eaton.......... "
Mgr. & Ch. Engr. Herman Lloyd..Griswold
Engrs. Abbott & Eaton.....Cleveland, O.
Energy purchased from Red Oak Elec. Co.; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo. cir. 106-212 v. s. ph. 60 cys.

City cont. 80 incs. 100 w. $14 per yr; 11.30 P. M.; coal $2. (Also lts. Elliott and Grant.)
D L 1 ✣ ★16

**GRUNDY CENTER,** 1,354 — Grundy Center Elec. Co.; cost $13,000; no bds.
*Owner & Mgr. J. B. Calderwood, Grundy Center
2 a. c. West. G. E. tot. 225 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Bates; 220 hp. b. Murray; also stm. htg.
City cont. 76 incs. multiple tung. 10-150 w, 66-60 w. tot. $135 per mo; all nt. moonlt; coal $2.40. (Also lts. Holland (6 incs. 60 w. & 3 incs. 200 w. $1.50 & $2 per mo.); transmn. line to Wellsburg under construction.)
D H L S 3 ✣ 125

**GUTHRIE CENTER,** 1,425—Guthrie Center Elec. Lt. Co.; cap. outstg. $15,000; bds. $8,500.
Pres. F. M. Hopkins......Guthrie Center
V. Pres. E. L. Bower...... "
Sec. W. F. Moore.......... "
*¶ Treas., Mgr. & Cont. Agt.
C. T. Harney............ "
Ch. Engr. Bert Mell........ "
Engr. Pwr. Sta. E. E. Cleveland "
2 a. c. West. tot. 125 kva. 2200 v. s. & 3 ph. 60 cys; 2 d. c. West. tot. 50 kva. 125 v; a. c. day & nt. ltg. & mo. cir. 220 v; d. c. day & nt. ltg. cir. 125 v; d. c. day & nt. mo. cir. 220 v; 250 hp. e. Ball; 170 hp. b Mur; also ice plant.
City cont. 100 Mazdas $15 per yr. moonlt; coal $2.10.
C D I L S 1 3 ✣ 125

**GUTTENBERG,** 1,873—Home Elec. Co.
Owner, W. S. Horry..Niagara Falls, N. Y.
*Sec. & Mgr. E. F. Williams...Guttenberg
2 d. c. West. tot. 137½ kw. 230 v; d. c. day & nt. ltg. cir. 230-115 v; d. c. day & nt. mo. cir. 250 v; 225 hp. e. West, Skinr; 160 hp. b. Ames, Frmn.
City cont. 91 series and multiple tung. 50 c. p. $18 per yr; all nt; coal $3.14.
C D L S ✣ 25

**HAMBURG,** 1,817—Hamburg Elec. Lt. Co.
Owner & Cont. Agt. E. B. Hillman Quincy, Ill.
*¶Mgr. F.M. Blunk..............Hamburg
Supt. E. P. Reeder.........Wyoming, Ill.
1 a. c. G. E. 90 kw. 1150 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. (above 10 hp.) 110 v. (below 10 hp.) s. ph. 60 cys; 100 hp. e. Murray; 200 hp. b. C. & T, McAllaman.
City cont. 67 Mazdas 60 c. p. $19.80 per yr; moonlt; all nt; coal $2.86. (Will also lt. Riverton.)
D L S 1 ✣ 85w

**HAMPTON,** 3,019—Cedar Valley Elec. Co. See Charles City.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 8 arcs 5 amp. $66 per yr; 60 Mazdas 60 w. $16.20 per yr; midnt; all nt.
D L 3 ✣ ★95

**HARLAN,** 2,570 — Munic. Elec. Lt. Plant; cost $35,000; bds. ouststg. $8,750.
*¶ Supt. & Ch. Engr. C.D.Lutton. Harlan
3 d. c. W. E, G. E. tot. 220 kw. 120-240 v; d. c. day & nt. ltg. cir. 118 v; d.c. mo. cir. 230 & 118 v; 300 hp. e. Chuse, Mur.
City cont. 400 Mazdas 250-60 w; 150-40 w; 15 com. arcs; 4000 com. incs; moonlt. all nt; coal $2.05.
C D L S ✣ 25

**HARTLEY,** 1,106—Munic. Elec. Lt. Plant; cost $37,000; bds. $12,000.
*¶Mgr. & Cont. Agt.
B. F. Henning................Hartley
Engr. Pwr. Sta. Harvey Walters .. "
3 d. c. West, G. E, Ft. W. tot. 220 kw. 250 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 290 hp. e. (gas) Mpls; 330 hp. gas pro. Mpls.
City cont. 64 incs. nitrogen 500 w. $15.50 per yr; moonlt; coal $7.75.
C D G L ★125

**HAWARDEN,** 2,107—Munic. Elec. Lt. Plant & Wtr. Works; cost $32,000; bds. $5,000.
Mayor, C. W. Keniston........Hawarden
Treas. A. D. Horton........... "
City Clerk, T. J. Reeves....... "
*¶ Supt. S. C. Green........... "
Ch. Engr. A. Baker.......... "
Engr. Pwr. Sta. W. T. Greene. "
3 a.c. Elec. Mch. Westg. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 300 hp. e. Murray S. C.; 300 hp. b. Murray.
100 city incs. series 5.5 amp. (meter) 10 cts. per kw; all nt; moonlt; coal $3.76
D L S 3 ✣ ★125

**HOLSTEIN,** 936—Holstein Service Co.; cap. $25,000.
Pres. F. D. Thielmann ...........Holstein
V. Pres. Glen Gracey............. "
Sec. R. P. Wheatley.............. "
Treas. C. J. Wohlenberg......... "
*¶Mgr. & Cont. Agt.
Joe K. Trauerman ............ "
Engr. Pwr. Sta. E. M. Harris.... "
2 a. c. W. E. tot. 112½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-2300 v. s. & 3 ph. 60 cys; 200 hp. e. (oil) M. & W.
City cont. 47 incs. 4 amp. $32.40 per yr; all nt; oil 3.18 cts. per gal.
D G L 1 3 ✣ ★125

**HOPKINTON,** 797—Elec. Lt. & Pwr. Plant; cap. $12,000; cost $19,000.
*Owner & Mgr. W. A. Milroy. Hopkinton
1 a. c. Elec. Mch. 75 kva. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v. 60 cys; mo. cir. 220-110 v. s. & 3 ph. 60 cys; 70 hp. e. N. Y. Safety; 85 hp. b. Burlington; 125 hp. turb. (wtr. wh.) Flem, The Trump. Mfg. Co.
City cont. 42 series Tung. 25 w. mdnt; 17-5 lt. electro. with 25 w. drops, 10 P.M. & 40 w. top lts. all nt. $71.25 per mo; coal.
D L S W 1 3 ✣ 125

**HUMBOLDT,** 1,809 — Northern Iowa Pwr. Co.; cap. $200,000 (pfd.); bds. $100,000.
Pres. W. W. Sterns............Humboldt
V.Pres.Sec. & Mgr. D.M.Sterns "
Treas. G. L. Tremain.......... "
*¶ Supt. Chas. H. Smith....... "
Engr. Pwr. Sta. W. H. Munson "
5 a. c. G. E, West, Natl. tot. 1025 kw. 2300 v. 3 ph. 60 cys; trans. 23,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. — v. s. & 3 ph; 500 hp. e. Erie, S. C; 700 hp. b. Bab. & W; 800 hp. turb. Lef.
City cont. 90 series Mazdas 40 w. $16.75 per yr; 5 Mazdas 250 w. $35 per yr. (Co. also lts. Dakota City, and sells energy to Gilmore, Rolfe, Laurens, Pomeroy, Livermore and Fonda.) (Contemplates extending lines to Havelock, Pocahontas, Jolly, La Verne, Corwith and Newell.)
D L S W 1 3 ✣ 25†

**HUMESTON,** 1,006 — Leon Elec. Co. See Leon.

**IDA GROVE,** 1,874—Ida Grove Elec. Co; cap. $60,000.
Pres. Robert Tipton.............Ida Grove
V. Pres. W. E. Johnston....... "
Sec. F. A. Lusk................ "

Treas. A. C. Fish................Ida Grove
¶ Mgr. Cont. Agt. & Supt.
R. C. Clifton.................... "
Engr. Pwr. Sta. P. D. Redstrom "

2 a. c. Ft. W. tot. 200 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 240 hp. e. Murray, Ideal; 400 hp. b. Atlas, Watertn, Murray; also stm. htg; hot water htg.

City cont. 80 Mazdas 5½ amp. 40 w. $16.50 per yr: 57-5 lt. posts 40-60 w. bottom lts. 10 P. M., top lt. 1 A M. $36 per yr; coal $3.25.

D H L S 1 3 ✣ 125

**INDEPENDENCE,** 3,517 — Munic. Wtr. & Elec. Plant.
*¶Mgr. & Cont. Agt.
Geo. D. Warren...........Independence
Engr. Pwr. Sta. L. E. Warren "

2 a. c. West, Allis-C. tot. 500 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 250 hp. e. Murray; 300 hp. stm. turb. Allis-C; 450 hp. b. Murray.

City cont. 360 incs. Tung. 60 w. $18 per yr; midnt. all nt; coal $3.33.

D L S 1 2 16

**INDIANOLA,** 3,283—Munic. Lighting Plant; no bds.
Mayor, G. W. Speer.............Indianola
Clerk, W. A. Graves............ "
Treas. John A. Story, Jr......... "
*¶Supt. & Ch. Elecn.
C. C. Litzenberg.............. "
Engr. Wm. Lee................. "

5 d. c. Ft. W. tot. 450 kw. 230 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 230 v; 510 hp. e. Mur, A. & S; 450 hp. b. Mur.

23 city arcs 1200 c. p.; 226 incs. 32 c. p.; all nt; coal $3.05.

C D L S ✣ 25

**IOWA CITY,** 10,091—Iowa City Lt. & Pwr. Co. (Water plant at Coralville.) (Controlled by the Tri-City Ry. & Lt. Co.); cap. $500,000; bds. $400,000.
Pres. C. M. Hurd....Grand Rapids, Mich.
V. Pres. J. F. Porter..........Davenport
Sec. L. H. Heinke...Grand Rapids, Mich.
Treas. B.C. Robinson " "
¶ Mgr. L. E. Caldwell..........Iowa City
Cont. Agt. L. E. Schreiter....... "
Supt. J. E. Tuttle............. "
Engr. Pwr. Sta. C. F. Robinson.Coralville

4 a.c. Allis-C, Westg, G. E. tot. 2250 kw. 2300 v. 2 ph. 60 cys; 4 rect. G. E. tot. 200 lts; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 600 hp. e. Bckye, Ham; 1000 kw. turb. (stm.) G. E; 300 kw. wtr. wh. Elec. Mch; 850 hp. b. Bab. & W. Frost, Mur.

City cont. 201 magn 4 amp. $56 per yr; 90 Mazdas 4 amp. $17 per yr; moonlt; coal $2.60 & $2.30. (Also lts. Coralville.)

D L S W 1 2 ✣ 16

**IOWA FALLS,** 2,797—Iowa Falls Ht., Lt. & Pwr. Co.
Pres. O. F. Peterson...........Des Moines
*Mgr. C. J. Hakes..............Iowa Falls

2 a. c. Warren, tot. 175 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110v; 350 hp. e. Murray; 400 hp. b. Atlas, Murray, hot wtr. htg.

City cont. 120 Mazdas 40 w. $12 per yr; moonlt; coal $1 98. (11,000 v. trans. to Alden.)

D H L S 1 ✣ 75

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Iowa Falls Elec. Co. General office, Cedar Rapids. (Operates stas. at Iowa Falls, Dows and Belmond; also serves Popejoy and Wellsburg; sells energy in bulk to Rowan Elec. Lt. Co.) Owns, through stock ownership, Iowa Gas Co; cap. outstg. $150,000; no bds.
Pres. Wm. G. Dows.........Cedar Rapids
V. Prests. { Isaac B. Smith.. " / John A. Reed.. " / C. H. Fay...... " }
Sec. & Treas. C. S. Woodward..Iowa Falls
Gen. Mgr. John Wheeler...... "
Cont. Agt T. N. Slocum...... "
Mech. Engr. F.W. Laas....Cedar Rapids
*Elec. Engr. J. M. Drabelle "

2 a.c. Allis-C. tot. 1350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 1350 hp. turb. (stm.) Allis-C; 1200 hp. b. Edge. Trans. from this station to Popejoy and Wellsburg.

City cont. 138 incs. "C" 60-100 c. p; moonlt. all nt; coal.

D L S 3 ✣ §16

**IRWIN,** 343—*Munic. Ltg. System.

Energy purchased from Town of Manilla, trans. volt. 6600 v. 3 ph. 60 cys.

L 3 16

**JEFFERSON,** 2,477 — Jefferson Elec. Co; cap. outstg. $23,500; bds. $28,500.
Pres. E. B. Wilson...............Jefferson
V. Pres. D. M. Gray............. "
*Sec. & Treas. Percy Gray...... "

2 a. c. G. E. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 280 hp. e. S. C, Ideal; 200 hp. b. Atlas, Spring; also purchases energy from Iowa Ry. & Lt. Co; 3 transf. G. E. 225 kw.

City cont. 230 Mazdas 100 & 60 w. $10.80 and $6.60 per yr; all nt. 10.30 P. M. & midnt; coal $2.10.

D L S 3 ✣ ★125

**JEWELL,** 941—Henderson Lt. & Pwr. Co; cap. outstg $15,000; no bds.
*Pres. & Cont. Agt.
M. Henderson..............Story City
Sec. O. J. Henderson.......Webster City
Treas. R. D. Henderson.......Story City
Mgr. Herbert Henderson...........Jewell

1 a.c. West. 50 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240 v. s. ph. 60 cys; 100 hp. e. Mur: 80 hp. b. Mur.

City cont. 39 Mazdas 45 c. p. $15 per yr; coal $1.75. (Also lts. Ellsworth.)

D L S 1 3 ★16

**KELLOGG,** 618—Grinnell Elec. & Htg. Co. See Grinnell.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115 v. 3 ph. 60 cys.

D L 3 26

**KENSETT,** 360—Kensett Mill & Lt. Co.; cost $3,800.
Pres. H. E. Gray.................Kensett
Sec. C. O. Savre.................. "
*Mgr. N. E. Thoen............... "

1 d. c. F. M. & Co. 250 v; no day cir; 50 hp. e. Taylor; 80 hp. b. Atlas.

City cont. 26 incs. $23 per yr; coal $5.

C L S 75

**KEOKUK,** 14,008—Central Mississippi Valley Elec. Properties. (Formed in Ill. by a Trust Agreement, under which there is deposited the entire capital stock of Ft. Madison Elec. Co. and Dallas City Lt. Co. and all the capital stock of Keokuk Elec. Co., except $250,000 preferred stock. These companies do the entire gas, elec. ry., ltg. & pwr. business in Keokuk, Ia., the entire elec. ltg. & pwr. business in Ft. Madison, Ia., and Dallas City, Ill., and the entire elec. ry. and elec. ltg. business in Hamilton and Warsaw, Ill.; also operate an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)
Pres. Geo. Higginson, Jr.....Chicago, Ill.
1st V. Pres. Chas. F. Wallace
Boston, Mass.
2nd V. Pres. B. Alcott Pratt " "
Sec. Jos. L. Valentine.......Chicago, Ill.

Asst. Sec. Alvah K. Todd..Boston, Mass.
Treas. Henry B. Sawyer.... " "
Gen. Mgrs. Stone & Webster
Mgt. Assn. ............... " "
Gen. Supt. (Keokuk Elec. Co.)
J. P. Ingle......................Keokuk
Mgr. (Ft. Madison Elec. Co.
& Dallas City Lt. Co.)
A. S. Nichols...............Ft. Madison
25

Keokuk Elec. Co. (This company does the electric railway and the electric lighting and power and gas business in Keokuk, and an electric railway and electric lighting business in Hamilton and Warsaw. Ill.; also operates interurban electric railway between Keokuk, Hamilton and Warsaw); cap. $615,000 (com.), $250,000 (pfd.); no bds.

Pres. Harry T. Edgar......Boston, Mass.
V. Pres. Geo. Higginson, Jr.,
604 First Natl. Bank Bldg., Chicago, Ill.
V. Pres. Guy L. Weymouth, Boston, Mass.
Sec. Alvah K. Todd........ " "
Treas. Henry B. Sawyer.... " "
Gen. Mgrs. Stone & Webster
Mgt. Assn ................ " "
Mgr. John P. Ingle..............Keokuk
Elec. Engr. H. A. Turner........ "

Purchases energy from Mississippi River Pwr. Co.; 10 transf. G. E., West. tot. 2116 kw. 11,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v; d. c. pwr. cir. 550 v.

City cont. 193 arcs 6.6 amp. $60 per yr; all nt; coal $2.25.

C D R 3 ✠ 25

Mississippi River Pwr. Co. Owns and operates a hydro-elec. plant on Mississippi River at Keokuk and Hamilton, Ill., with an initial capacity of approximately 120,000 delivered hp. and an ultimate capacity of approximately 200,000 delivered hp; cap. outstg. $6,000,000 (pfd); $16,000,000 (com.); bds. $20,000,000.

Pres. Edwin S. Webster
147 Milk St., Boston, Mass.
V. Prests. { Chas. F. Wallace "
Hugh L. Cooper.....Keokuk
Robt. Haydock. Boston, Mass.
B. Alcott Pratt "
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer... "
¶ Gen. Mgrs Stone & Webster
Mgt. Assn................ "
Mgr. Chas. W. Kellogg ...........Keokuk

—a.c. G.E. tot. 108,000 kw. 11,000 v. 3 ph. 25 cys; 150.000 hp. turb. (wtr.) Morris, W. S. M. (Energy sold in bulk.)

T W 3 25

**KEOSAUQUA,** 1,009—Munic. Elec. Lt. & Wtr. Plant; cost $6,000.

Pres. Bd. C. I. Manning......Keosauqua
Sec. R. Kittle................... "
Treas. J. L. Therme.......... "
*¶ Mgr. Geo. H. Craig......... "
Engr. Pwr. Sta.
Frank Schreekengost....... "

1 d. c. C. & C. 125 kw. 250 v; d. c. nt. ltg. cir. 220 v; 80 hp. e. Bckye.

Midnt; coal $3.25.

C L S 125

**KEOTO,** 988—Burlington Ry. & Lt. Co. For executive officers, see Burlington.

Ch. Engr. Pwr. Sta. Wm. Hoffman..Keoto

1 d. c. Bull. 300 amp. 220-250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 125 hp. e. Murray; 60 hp. b Murray.

City cont. 64 incs. 60 & 100 w. $17.50 per yr; mdnt. moonlt; coal $2.00.

C D L S ✠ 122w

**KEYSTONE,** 412—Keystone Elec. Lt. & Cement Co.; cap. $10,000.

¶Pres. C. Engelbecht...........Keystone
V. Pres. Otto Kroymann........ "
*Sec. H. Miller.. ............... "

1 d. c. Northn. 35 kw. 125 v; d. c. nt. ltg. cir. 125 v; 45 hp. e. Ide; 60 hp. b. Kew.

City cont. 20 incs. 32 c. p. $16 per yr. 11 P. M; coal $2.

C L S ✠ 25

**KNOXVILLE,** 3,514—Marion County Elec. Co. Office, 1216 Marion St.; cap. $139,500; no bds.

Pres. J. S. Bellamy............Knoxville
V. Pres. M. A. Bellamy........ "
*¶Sec., Mgr. & Cont. Agt.
H. Bellamy.................. "
Treas. E. D. Bellamy.......... "

2 a. c. G. E. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 375 hp. e. Mur, Cor. Alfree; 300 hp. b. Mur, Atlas; also purchases energy.

City cont. 8 Mazdas "C" 500 w. $72 per yr; 145 Mazdas "C" 60 c. p. $18 per yr; all nt; coal $1.40. (Also lts. Melcher, 5 Mazdas "C" 500 w. $75 per yr. and Dallas, 5 Mazdas "C" 60 w. $21 per yr.)

D L S 1 3 ✠ 125

**LAKE CITY,** 2,043—Central Iowa Lt. & Pwr. Co. (Purchased plant of Otto E. Brownell.) For executive officers, see Fraser.

Engr. Pwr. Sta. R. N. Bradt....Lake City

2 d. c. Westg. 130 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 225 hp. e. Ide, Chuse, De LaVergne; 185 hp. b. Atlas, C. & T.

City cont. 4 arcs magnetite 4 amp; 64 incs. carbon 16-24-32 c. p. 4½ cts. per kw; moonlt; all nt; coal $2.30.

C D L S ✠ 25

**LAKE MILLS,** 1,214—Electric Light Plant.

*¶Owner, Mgr. Cont. Agt.
& Supt. J. B. Conley.........Lake Mills
Engr. Pwr. Sta. C. Hildreth.. "

2 d. c. G. E. tot. 50 kw. 125 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir. 110 v; 105 hp. e. Mur; 80 hp. b. Mur.

City cont. 55 Mazdas 60 w. $18 per yr; moonlt; all nt; coal $3.

C D L S ✠ 75

**LAMONI,** 1,541—Lamoni Elec. Lt. Plant. ($60,000 stock held by Herald Pub. House as security for unpaid purchase price pending issue of bonds.)

Pres. A. Carmichael.......... ...Lamoni
V. Pres. Jos. Roberts ............ "
Sec. H. C. Burgess............... "
*¶Treas., Mgr. & Cont. Agt.
F. B. Blair...................... "
Engr. Pwr. Sta. A. M. Anderson. "

3 a. c. G. E. tot. 350 kw. 2200 v. s. ph. 60 cys; 3 d. c. G. E. tot. 60 kw. 220 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 350 hp. e. Mur. Sknr; 400 hp. b. Mur; also stm. htg. and 6-ton ice plant.

City cont. 75 incs. "C" 80 c. p. $18 per yr; moonlt; coal $2. (Also lts. Kellerton and Davis City.)

C D H I L S 1 3 ✠ ★125

**LANSING,** 1,542—Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.) For executive officers, see Decorah.

Local Mgr. Frank Dolphin ......Lansing

Energy from Decorah; transmn. volt. 13,200 v. 3 ph. 60 cys; 3 transf. West. 112.5 kva; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 40 incs. multiple 4-250 w. $90 per yr; 36-40 w. $18.60, per yr.

D L 3 ✠ 25

**LA PORTE CITY,** 1,233—La Porte Public Utility Co; cap. $93,000; no bds.

Pres. W. P. Mayes.........La Porte City
V. Pres. R. A. Perkins...... "
*¶Pur. Agt. O. A. McKirryher "
Engr. Pwr. Sta. H. L. Shaffer "

Energy purchased from Waterloo, Cedar Falls and Northern Ry; 2 transf. Ft. W; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 25 cys.
City cont. 54 series incs. 60 c. p. $12 per yr; moonlt. mdnt.
D L 1 3 ✣ ★125

**LEHIGH,** 1,281—Central Iowa Lt. & Pwr. Co. See Fraser.

**LE MARS,** 4,157—Le Mars City Wtr. & Lt. Co.; cap. outstdg. $120,000; no bds.
Pres. & Mgr. M. Schafer.........Le Mars
Sec. & Treas. J. F. Knorr........ "
¶Audr. J. F. Schafer............ "
*Ch. Pwr. Engr. W. J. Schafer.. "
Ch. Engr. A. W. Stevens........ "
3 a. c. W. E. tot. 440 kw. 110 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 575 hp. e. Mur. Sknr; 275 hp. b. Mur.
City cont. 186 incs. 4 amp. 60 c. p. $18 per yr; moonlt; coal $3.41.
D L S 1 ✣ ★125

**LENOX,** 1,274—Lenox Elec. Co.; cap. $10,000.
Pres. C. F. Alline,
1909 Pleasant St., Des Moines
Sec. & Treas. Carrie Wurster......Lenox
*¶ Mgr. Frank Thompson......... "
Ch. Engr. Lloyd Thompson....... "
Engr. Pwr. Sta. Tony Buyers..... "
2 a. c. West. tot. 120 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 2 ph. 60 cys; 80 hp. e. Murray; 80 hp. b Murray.
City cont. 57 Mazdas 3.5 amp. series 60 c. p. 75 w. $15 per yr; moonlt. mdnt; coal $1.76.
D L S 1 2 ✣ 25

**LEON,** 1,991—Leon Elec. Co.; cap. $42,200; bds. $2,200.
*V. Pres., Sec., Treas. & Mgr.
F. M. Varga......................Leon
Ch. Engr. Geo. Sears............... "
2 a. c. Ridge & Elec. Mch. tot. 340 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E, Ft. W. tot. 60 kw. 125 v; 3 arcs tot. 25 kw; trans. 13,200-2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 110 v; 600 hp. e. Ridg, Mur; 350 hp. b. Murray, Frost; also stm. htg.
City cont. 14 clusters 400 w. $4.75 per mo; 4 nitrogen 200 w. $2.50 per mo; 88 incs. carbon 16 c. p. 75 cts. per mo; 3 nitrogen 750 w. $6 per mo; 1 Mazda 100 w. $1.50 per mo; moonlt. mdnt; coal $1.87. (Co. also lts. Decatur (100 w. mult. $1.25 per mo), Garden Grove & Humeston (60 c. p. series 6.6 amp. $1.50 per mo. & 4 clusters 80 c. p. $5.85 per mo.) and Van Wert.)
C D H L S 1 3 ✣ ★125

**LEWIS,** 603—Lewis Elec. Lt. & Pwr. Co.; cap. $5,000.
Pres. D. W. Hickmor..............Lewis
V. Pres. M. E. Deleon.............. "
*Sec. & Mgr. J. P. Horris.......... "
Treas. B. C. Horris................ "
2 a. c. G.E., West. tot. 75 kw. 2300 v. 3 ph. 60 cys; a.c. ltg. cir. 110 v. 60 cys; 25 kw. e. (gas.) G.E.; 50 kw. wtr. wh. West.
City cont. 38 series incs. 6.6 amp. $12 per yr.
G L W 3 ✣ 125

**LIME SPRINGS,** 498—Lime Springs Elec. Lt. & Pwr. Co.
*Owner, D. W. Davis.......Lime Springs
¶Mgr.&Ch.Elecn. Roy W. Nash "
1 a. c. Ft. W. 33 kw. 2200-100 v. s. ph. 125 cys; 35 hp. e. Cooper; 55 hp. turb. McCor; 35 hp. b. Atlas.
City cont. 22 incs. 50 c. p. $24 per yr.
L S W 1 ✣ ★115w

**LINEVILLE,** 750—Munic. Elec. Lt. Plant; cap. $15,000; cost $15,000.
Mayor, N. J. Herring...........Lineville
Treas. G. W. Molliston.......... "
*Mgr. & Engr. Pwr. Sta. O. E. Bay "
1 a. c. West. 50 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 70 hp. e. Murray; 140 hp. b. Mur.
61 city incs. 250 w. (6) and 60 w. (55) moonlt. mdnt; coal $3. (Will eventually lt. Mercer, Mo.)
L S 3 ✣ ★125

**LISBON,** 846—Wapsie Pwr. & Lt. Co. See Mt. Vernon.
City cont. 50 tungsten clusters (3 lts. each) 40 c.p. $30; moonlt.
L ✣ 125

**LOGAN,** 1,453—Iowa Gas & Elec. Co. See Missouri Valley.
Trans. from Missouri Valley 16,500 v s. ph. 60 cys; 1 transf. West. 50 kw; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v.
City cont. 50 incs. series 50 w. 40 c. $16.20 per yr; moonlt; all nt.
D L 1 ✣ 35

**LONE TREE,** 782—Lone Tree Lt. & Pwr. Co.
Owner Wm. C. F. Zimmerman..Lone Tree
*Mgr. Lucile Fairet............ "
¶ Pur. Agt. H. L. Zimmerman
c/o. Zimmerman Steel Co., Bettendorf
Cont. Agt. H. W. Zimmerman. Lone Tree
Engr. Pwr. Sta. Albert Kallous "
1 a. c. Westg. 75 kw. 1100 105 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. mo. cir. 420-210-105 v. s. & 2 ph. 60 cys; 100 hp. e. Mur; 100 hp. b. Mur. (Use exhaust stm. for htg. factory.)
City cont. 3 arcs A. B. 6.6 amp. $60 per yr; 30 series incs. 32 c. p. $12 per yr; moonlt; coal $2.20.
D H L S 1 2 ✣ ★125

**LOST NATION,** 523—Lost Nation Lt. & Pwr. Co.; no bds.
*¶ Mgr. Fred Daniel..........Lost Nation
Purchases energy; 3 transf. G. E. tot. 90 kw; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 1 arc enc. 3 amp. $60 per yr; 26 incs. 32 c. p. $18 per yr; moonlt. 11 P. M.
D L 1 3 ✣ 26

**LOWDEN,** 630—Iowa Electric Co. For officers, see Marengo.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 38 incs. series 40 c. p. $18 per yr. moonlt; all nt.
D L 3 16

**LYONS,** 6,000—Clinton Gas Lt. & Coke Co. See Clinton.

**McGREGOR,** 1,259—McGregor Elec. Lt. & Pwr. Co.
*¶Owner & Mgr. G. S. Donaldson, McGregor
Ch. Elecn. Otto Welter....... "
Engrs. Pwr. Sta. } Frank Ripley....... "
} Frank Staffler....... "
2 a. c. G. E. Ft. W. tot. 300 kw. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 300 hp. e. Cor, Mur; 300 hp. b. —.
City cont. 100 Mazdas 40-250 w; midnt; coal $3.25. (Also lts. No. McGregor and sells energy to Monona Lt. & Pwr. Co.)
D L S 1 2 ✣ 85†

**MADRID,** 1,191—Madrid Elec. Lt. & Pwr. Co.; cap. auth. $15,000.
*Pres. Sam. Sundberg..............Madrid
V. Pres. F. F. Westerburg......... "
¶ Sec. Mgr. & Cont. Agt.
A. R. Westerberg................ "
Treas. G. A. Y. Krontz............ "

Power purchased from Iowa Ry. & Lt. Co. 3 transf. Allis C. tot. 120 kw; a.c. day & nt. ltg. cir. 114 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 74 incs. 60 w. $24 per yr; moonlt. mdnt.
D L 3 ✣ 73

**MALCOM,** 425—Grinnell Elec. & Htg. Co. See Grinnell.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115 v. 3 ph. 60 cys.
D L 3 26

**MALVERN,** 1,154—Malvern Lt. & Pwr. Co. (Controlled by Continental Gas & Elec. Corpn.); cap. $7,500; bds. $30,000, 6 p. c. int.
¶ Pres. L. W. Boehner...........Malvern
V. Pres. W. H. Abbott.....Cleveland, O.
Sec. & Mgr. Harold Boehner.....Malvern
Treas. C. S. Eaton...........Cleveland, O.
Engr. Pwr. Sta. J. Deardorf.....Malvern
2 a. c. G. E. 275 kw. 2300 v. 3 ph. 60 cys; trans. 10,000 v. s. ph; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 275 hp.e. Murray; 300 hp.b. Murray. Trans. from Red Oak.
City cont. 98 Tung. 40 & 60 c. p. $15 & $18 per yr; moonlt; coal $1.90 to $2.75. (Co. also lts. Tabor.)
L S 1 3 ✣ 35

**MANCHESTER,** 2,758—*E. W. Hoag Elec. Lt. & Pwr. Plant.
2 a.c. G.E. tot. 150 kw. 1150 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-55 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 210 hp. turb. Leffel, McCormick; 100 hp. e. Ide.
2000 com. incs. 10 cts. per kw.
D L S W 1 3 15

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Manchester Lt. Heat & Pwr. Co.; cap. $25.000; no bds.
*¶ Pres., Mgr., Cont. Agt. & Supt.
L. Matthews.................Manchester
V. Pres. L. B. Matthews...... "
Sec. T. J. Matthews........... "
Treas. W. W. Matthews..... "
Engr. Pwr. Sta. J.W.Croskey "
2 a. c. West. tot. 210 kw. 1100 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph; 257 hp. e. Cor, Skinr; 300 bp. b. Murray; also stm. htg.
City cont. 160 incs. 16 c. p. $9 per yr; 72 electroliers 5 lts. 40 & 25 w; all nt; coal $3 to $3.30.
D H L S 1 ✣ 125

**MANILLA,** 1,124—Munic. Lt., Pwr. & Wtr. Plant: bds. $20,000.
*Mgr. A. H. Collier............... Manilla
Engr. Pwr. Sta. Geo. Stoker.... "
1 a. c. Elec. Mch. 75 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 110-220 v. s & 3 ph. 60 cys: 120 hp e. (oil) Busch-Sulzer Diesel.
73 city incs. "C" 60 c. p. & 200 c. p; all nt; crude oil 2½ cts. (6600 v. trans. to Irwin).
D G L 1 3 125

**MANNING,** 1,434—Manning Elec. Lt. Co.; cap. outstg. $20,000; no bds.
Pres. & Supt. H. Ohrt...........Manning
V. Pres. P. Ohrt.................. "
*Sec., Mgr. & Engr.
A. J. Rushenberg................ "
2 d. c. Tri, Northn. tot. 115 kw. 250 v; d. c. day & nt. ltg. cir. 220 v; d. c. mo. cir. 220 v; 200 hp. e. Murray, Ideal; 300 hp. b. Murray.
City cont. 200 incs. 40 & 60 w. $1.25 & $2.25 per mo; moonlt; coal $2.28. (Will install 150 kw. 250 v. d. c. gen. and Corliss engine.)
C D L S ✣ ★125

**MANSON,** 1,236—Manson Elec. Lt. & Pwr. Co. cost $18,000.
*¶ Mgr., Supt. & Cont. Agt.
H. R. Healy.......................Manson
Engr. Pwr. Sta. A. H. Lane...... "
4 d. c. G. E, F. M. & Co., West. tot. — kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir. 220 v; 160 kw. steam turb; 180 hp. b. Des Moines.
City cont. 16 arcs 1200 c. p. and 75 inc. 32 c. p. 10 cts. per kw.-hr. moonlt. mdnt; coal $2.25.
C D L S ✣ 26

**MAQUOKETA,** 3,570—Maquoketa Lt. & Pwr. Co. (Successor to Barnes Elec. Lt. & Pwr. Co.); cap. $300,000; bds. $150,000.
Pres. Dr. G. G. Dowdell.....Chicago, Ill.
V. Pres. Albert Sandt....... " "
Sec. H. C. Hall............... " "
Treas. J. K. Russell.........Linton, Ind.
*¶ Mgr. & Cont. Agt.
Ben R. Mowery..............Maquoketa
Engr. Pwr. Sta. Russell Meade "
2 a. c. Westg, G. E. tot. 400 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; — hp. b; — hp. e.
City cont. 128 Mazdas 100 w. $20.60 per yr; 40 5-lt. ornamental posts (4-40 w. & 1-60 w) $26.40 per yr; all nt. moonlt; coal $2.60. (Co. also lts. Delmar.)
D L S 1 3 ✣ 64

**MARCUS,** 896—Municipal Service Co. Office, 506 United Bk. Bldg., Sioux City. cap. $10,000; no bds.
*¶ Pres. & Mgr. K. C. Gaynor. .Sioux City
V. Pres. B. K. Gaynor......... "
Sec. B. S. Cook................. "
Supt. Allen Lundy ............ "
2 a. c. Ft. W., F. M. & Co. tot. 80 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; oil engine.
City cont. 85 incs; all nt.
D G L 3 ✣ 114

**MARENGO,** 1,786—Iowa Electric Co. General offices, Cedar Rapids. (Operates stas. at Marengo, Anamosa, Oxford Mills and De Witt; also serves Amber, Calamus, Grand Mound, Lowden, North English, Onslow, Oxford Jct., Parnell, Olin, Sadora, Victor, Wheatland, Williamsburg and Wyoming): cap. outstg. $151,000 (com.), $50,000 (pfd.); bds. $282 500.
Pres. Wm. G. Dows.........Cedar Rapids
V. Pres. & Treas.
Isaac B. Smith............ " "
Sec. C. S. Woodward....... " "
Gen. Mgr. John I. Reed.... " "
Mech. Engr. F. W. Laas.... " "
*Elec. Engr. J. M. Drabelle " "
3 a. c. G. E. tot. 337 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys: 300 hp. e. Sknr. Mur. S. C.: 250 hp. b. Mur. Kew. Transm. from this station to North English, Parnell, Sadora, Victor and Williamsburg.
City cont. 186 series Tung. 40 w. $18 per yr: moonlt. all nt; coal.
D L S 1 3 ✣ §16

**MARION,** 4,400—Iowa Ry. & Lt. Co. See Cedar Rapids for executive officers.
Local Mgr. C. O. Ingersoll. .......Marion
Engr. Pwr. Sta. P. V. O'Kelly..... "
Energy from Cedar Rapids; trans. volt. 16,500 v. 3 ph. 60 cys; 2 transf. Maloney tot. 250 kva; 3 a. c. Allis-C, West. tot. 405 kw. 1150 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph 60 cys; 405 kw. e. Erie. Mur; 550 hp.b. Mur; also stm. htg. (Plant operated only during heating season.)
City cont. 200 series Mazdas 40, 60 & 80 c.p. $18 per yr: moonlt. 2 A.M; coal $2. (Also serves Springville, Viola, Stone City, Whittier, Waubeek, Central City and Central Point.)
D H R S 2 3 ✣ 125

**MARSHALLTOWN,** 16,026—Munic. Elec. Lt. Plant; cost $26,000.
Mayor, I. S. Willard........Marshalltown
Sec. J. J. Wilson........... "
*¶ Supt. M. S. McFarland... "
Ch. Engr. Pwr. Sta. Hans Madsen "
Ch. Elecn. L. Schneider......... "
1 d. c. G. E. 65 kw. —— v; d. c. nt. ltg; no motor cir; 100 hp. e. Allis-C.
165 city arcs Wood; 588 city tung. 60 w. $5.40 per yr; moonlt. all nt; coal $2.60.
C L S 16

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Iowa Ry. & Lt. Co. For executive officers, see Cedar Rapids.
Local Mgr. Chas. Munson..Marshalltown
Engr. Pwr. Sta. N.C. McCoy "
3 a. c. West. 2250 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West, G. E. 300 kw. 600 v; a. c. day & nt. ltg. cir. 220-110 v 60 cys; 600 hp. e. St. L; 1100 hp. b. Lyons Lenox, Edge; 2000 kw. turb. (stm.) West.
Coal $2. (Also serves Le Grand, Montour, Tama and Gilman.)
C D R S 3 ✠ 125

**MASON CITY,** 18,000—People's Gas & Elec. Co. (Controlled by United Lt. & Rys. Co.); cap. $436,000 (com.), $200,000 (cum. pfd. 6 p. c.); bds. $113,000 (5 p. c.) $370,000 (6 p. c.).
Pres. R. Schaddelee. Grand Rapids, Mich.
V. Pres. F. T. Hulswit " "
Treas. C. M Hurd.... " "
Sec. L. H. Heinke.... " "
¶ Mgr. M. Anderson ........Mason City
Gen. Supt. O. W. Rector...... "
Ch. Engr. T. H. Hughes...... "
6 d. c. G. E. tot. 300 kw. 220-110 v; 3 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d.c day & nt. ltg. cir. 110v; d. c. mo. cir. 220 v; 800 hp. e. Mur, Ide, Skinr; 1600 hp. b. Bab. & W; 5500 kw. stm. turb. G. E; trans. 13,000 v. 3 ph. 60 cys; also stm. htg.
City cont. 117 series arcs 6.6 amp. $60 per yr; 104 series tung. 60-100 w. $24 & 30 per yr; all nt: (Co. also lts. Manley and Clear Lake and sells energy to Mason City & Clear Lake R.R. Co. and Nora Springs )
C D H L S 1 3 ✠ 16

**MAXWELL,** 856—Maxwell Elec. Lt. & Pwr. Co.
Purchases energy from Iowa Ry. & Lt. Co. 13,200 v. 3 ph. 60 cys.
L 3 §125†

**MECHANICSVILLE,** 817—Elec. Lt. Plant. (Owned by Gilliland Estate.)
*¶ Mgr. H. B. Gilliland...Mechanicsville
Energy purchased from Wapsie Pwr. & Lt. Co., Mt. Vernon; 12 transf. Packard tot. 60 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 110 v. s. & 2 ph. 60 cys.
City cont. 50 incs. 60 w. $21.50 per yr; 20 boulv. lts. 60 w; all nt. moonlt.
D L 1 2 ✠ 125

**MENLO,** 382—*Geo. C. Buckley Elec. Lt. Plant; cost $10,000; no bds.
Engr. Pwr. Sta. E. Willey..........Menlo
1 d. c. 55 kw. 110-220 v; d. c. nt. ltg; & mo. cir. 110-120 v: 50 hp. e. K. Mfg. Co.; 60 hp. b. D. M. Mfg. Co.
50 tung. 60 kw. 12½ cts. per kw; coal.
C L S ✠ 125

**MISSOURI VALLEY,** 3,187—Iowa Gas & Elec. Co. Office, Omaha. (Successor to Iowa Nebraska Public Service Co.) (Controlled by Continental Gas & Elec. Corpn., Cleveland.)
Pres. C. S. Eaton..............Cleveland, O.
¶ Pres. W.H. Abbott ...... "
Sec. G. W. York............ "
Treas. G. A. Coulton........ "
Gen. Mgr. W. C. Ross.....Omaha Nebr.
Audr. C. D. Penninston.... " "
Local Mgr. W.E. McFadden, Missouri Valley
Ch. Engr. E. V. Cappo....Omaha, Nebr.
Engr. Pwr. Sta. Roy Shirling, Missouri Valley
1 a. c. turbo.-gen. West. 625 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. cir. mo. 220 v. 3 ph. 60 cys; 900 hp. b. Oil City.
City cont. 125 Mazdas series 50 w; moonlt; coal $2 50. (Trans. 16,500 v. s. & 3 ph. 60 cys. to Magnolia and Logan)
D L S 1 3 35

**MONONA,** 792—Monona Lt. & Pwr. Co; cap. outstg. $60,000; bds. issued $15,000.
*Pres. Leslie H. Wellman ........Monona
V. Pres. H. Walter Wellman..... "
Sec. & Treas. W. Hagen Wellman "
Purchases energy from McGregor Elec. Lt. & Pwr. Co.; transmn. volt. 13,000 v. 3 ph. 60 cys; 2 transf. West. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day (7 A. M. to 7 P. M.) mo. cir. 220 v. 3 ph. 60 cys; gas. e. Hawkeye.
City cont. 63 incs. 60 c. p. and 4 incs. 200 c. p. tot. $100 per yr; moonlt.
D L 3 ✠ ★16

**MONTEZUMA,** 1,172—Montezuma Elec. Lt., Pwr. & Htg. Co. (Controlled by Des Moines Elec. Co., which see for executive officers.)
Local Supt. Geo. H. Husman. Montezuma
Energy from Oskaloosa Trac. & Lt. Co.; transmn. volt. 11,000 v. s. ph. 60 cys; 1 transf. G. E. 50 kva; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115 v. s. ph. 60 cys.
City cont 26 electroliers (1-60 w. mdnt. 2-40 w. 10 P. M,) $24 per post per yr; 47 Mazdas 32 c. p. $12 per yr; 1 4-lt. cluster 400 w; mdnt. Trans. to New Sharon.
D L 1 ✠ 16

**MONTICELLO,** 2,043—The Monticello Elec. Co.; cap. $60,000; bds. $32,000.
Pres. H. M. Carpenter.........Monticello
V. Pres. E. E. Hicks.......... "
Sec. & Treas. J. J. Locher..... "
*¶Mgr. H. J. Lang..... .... "
1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v; a. c. day & nt. mo. cir. 220 v; 200 hp. wtr. wheel Trump; 150 hp. e. (gas) Nash.
City cont. 52 incs. series 32 c. p. $10.76 per yr; 29 electroliers $28 per yr; midnt; coal $5. (Will secure energy from Iowa Ry. & Lt. Co.)
D G L S W 3 ✠ 115w

**MOULTON,** 1,233—Moulton Elec. Lt. Co.
*Owner, J. G. Bolton...............Moulton
2 d.c. Ft. Wayne, Sterling tot. 85 kw. 220 v; d. c. day (except Sunday) & nt. ltg. cir. 220 v; 200 hp. e. Bass, Cor; 30 hp. b. Frost.
City cont. 76 Mazdas 40 w. $7.50 per yr; mdnt. moonlt; coal $1.
C D L S ✠ 125

**MT. AYR,** 1,646—Mt. Ayr Lt. & Pwr. Co.; cap. $11,400; bds. $3,000.
Pres. F. E. Sheldon...............Mt. Ayr
Sec. Howard Tedford............ "
Treas. Geo. L. Allyn............. "
*¶Mgr. & Cont. Agt. R. M. Lewis. "
Ch. Engr. H. W Marshall ....... "
2 d. c. Ft. W. tot. 175 kw. 250 v: d. c. day & nt. (4 A. M. to mdnt.) ltg. & mo. cir. 220 v; 285 hp. e. Frost; 225 hp. b. Murray.
City cont. 144 incs. 60 w. $12 per yr; moonlt. mdnt; coal $1.66.
C L S ✠ ★125

**MT. PLEASANT,** 3,874—Munic. Elec. Lt. & Water Wks.; cost $35,000.
*Supt. T. W. McMillan......Mt. Pleasant
Ch. Engr. John Helser...... "
Ch. Elecn. Lee Speaker...... "

2 a.c. West. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; pwr. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Mur; 3 b. Mur.

City cont. 131 incs. "C" 100 & 250 c. p; moonlt. mdnt; coal $2.65.

D L S 3 ✣ 125

**MT. VERNON,** 1,800—Wapsie Pwr. & Lt. Co.
Pres. W. S. Tasker..........Chicago, Ill.
V. Pres. T. W. Altman..........Dubuque
Sec. J. R. Lindsay...........Chicago, Ill.
Treas. G. W. Toms................Marion
*¶Mgr. & Cont. Agt.
Kenneth Lindsay...........Mt. Vernon
Supt. Fred. Wodrich.......... "
Ch. Engr. Alfred Meakin..... "

2 a. c. Ft. W. Bull. tot. 165 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 200 hp. e. McE. Allis-C; 500 hp. b. Murray.

City cont. 82 incs. 50–52 & 32 c. p. $28 per yr; moonlt; coal $2.48. (Co. also lts. Lisbon, Stanwood, Tipton and Clarence, and sells energy to Mechanicsville; 38 miles of trans. 33,000 v.)

D N S 1 3 ✣ 125

**MUSCATINE,** 16,178—Muscatine Ltg. Co. (Controlled by the Tri-City Ry. & Lt. Co., Davenport.)
Pres. Joseph F. Porter........Davenport
V. Pres. & Gen. Mgr.
H. C. Blackwell............. "
Sec. & Treas. H. E. Weeks.... "
¶ Pur. Agt. Geo. G. Kuhn..... "
Gen. Supt. F. S. Dewey........Muscatine

1 a. c. West. 500 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440 v. 2 ph. 60 cys; d. c. mo. cir. 500 v; 450 hp. b. Wickes; 750 kva. stm. turb. West; energy also purchased from Moline–Rock Island Mfg. Co.; 6 transf. G. E. tot. 1600 kva; 1 rect. G. E. 50-lt. 4 amp; 2 rot. conv. West. tot. 700 kw; 2 mo. gen. G. E. tot. 1000 kva.

City cont. 50 arcs 4 amp. magn. $65 per yr. & 475 incs. 100 c. p. $24 per yr. 4000 hrs. (Trans. to Blue Grass, Walcott, Stockton and Durant.)

C D L S 2 ★16

**NASHUA,** 1,102 — Cedar Valley Elec. Co. For executive officers, see Charles City.
Dist. Supt. C. I. Snyder ..........Nashua

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 3 arcs 1200 c. p. $75 per yr; 71 incs. 32 c.p. $15 per yr; moonlt; all nt.

D L 3 ✣ ★95

**NEOLA,** 926—*Munic. Elec. Lt. Plant; cost $1,100; bds. $2,000.
Mayor, R. J. O'Connor..............Neola
Clerk, Wm. Felton................. "
Treas. H. H. Pogge................ "
Cont. Agt. F. Doyle............... "
Supt. I. F. Snyder................ "
Engr. Pwr. Sta. Con. Noonan...... "

1 d. c. Ft. W. 50 kw. 220 v; 90 hp. e. Murray, Std, S-C; 105 hp. b. Murray.

1 com.arc 2000 c. p. $65 per yr; 950 com. incs. 16 c. p. $— per yr; all nt; coal $2.05.

C L S ✣ 93†

**NEVADA,** 2,138—Iowa Ry. & Lt. Co. For executive officers see Cedar Rapids.
Local Mgr. W. D. Cline..........Nevada

2 a. c. Westg. tot. 250 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 2400 v. 3 ph. 60 cys; 325 hp. e. Murray; 345 hp. b. H. T.

City cont. 23 arcs 6.6 amp. $55.20 per yr; 31 series incs. 32 c. p. $16.20 per yr; 25 5-lt. electro; moonlt. mdnt; coal $2. (Also lts. Colo and sells energy in bulk to Maxwell Elec. Lt. & Pwr. Co.)

D L S 3 ✣ 125

**NEW HAMPTON,** 2,275—Munic. Elec. Lt. & Wtr. Plant; cost $50,000.
*¶Mgr. F. B. Strike.......New Hampton
Supt. Ch. Engr. & Elecn.
E. F. Matzke............ "

2 a. c. Westg. tot. 150 kw. 1100-110 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 250 hp. e. F. & S. Cor, Ideal; 300 hp. b. Kew.

545 city Mazdas 60 w. all nt; coal $3.45.

D L S 1 ✣ 75

**NEW LONDON,** 1,144—Munic. Elec. Lt. Plant; cost $13,000; bds. outstg. $10,000, 3½ p. c. int.
Mayor, A. D. Hayes .........New London
*Mgr. John V. Harding...... "
Ch. Engr. J. O. Bell......... "

2 a. c. Ft. W. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Murray; 250 hp. b. Murray.

100 city incs. series 40 & 80 c. p. $12 per yr: moonlt. mdnt; coal $2.55.

D L S 3 ✣ 104w

**NEW SHARON,** 1,221—Oskaloosa Trac. & Lt. Co. For executive officers, see Oskaloosa.

Energy from Monteznma Elec. Lt., Pwr. & Htg. Co.; a. c. day & nt. ltg. cir. 117 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 1 arc 500 c. p. $50 per yr; 71 tung. 40 w $13.20 per yr; moonlt. mdnt.

D L 3 ✣ 16

**NEWTON,** 4,616—Munic. Elec. Lt. Plant; cost $100,000.
*¶ Mgr. Cont. Agt. &
Engr. Pwr. Sta. C. O'Leary.......Newton

2 d.c. Westg. tot. 200 kw. 230-115 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 230 v; 850 hp. e. Murray; 600 hp. b. Frost.

700 city Mazdas 40 c. p. 3 A.M; coal $2.48.

C D L S ✣ 125

**NORA SPRINGS,** 985—Nora Springs Lt. & Pwr. Co.; cap. $12.000.
Pres. H. W. True......Ladysmith, Wisc.
V. Pres. F. W. True.... " "
Sec. & Treas. G. U. Coon...Nora Springs
*¶Mgr. & Ch. Engr.
M. A. Harpster............ "

Energy purchased from Peoples Gas & Elec. Co.; 2 transf. West. tot 62½ kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys.

City cont. 60 incs. series Bryan Marsh "C" 60 c. p. $14.40 per yr; 19 5-lt. posts $30.60 per yr; moonlt. (Contemplates building line to Rudd.)

D L 1 3 ✣ ★125

**NORTH ENGLISH,** 933—Iowa Electric Co. For officers, see Marengo.

Energy from Marengo, 1 transf. G. E. 40 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 34 series Tung. 40 c. p. $15 per yr. moonlt; all nt.

D L 1 16

**NORTHWOOD,** 1,264 — Northwood Elec. Lt. & Pwr. Co.; cap. stk. $17,000; no bds.
Pres. Hans Madson...........Northwood
V. Pres. L. F. Madson........ "
Sec. & Treas. E. H. Dwelle... "
*Mgr. Henry Perry............ "
Engrs. { Harry Brokaw..... "
Pwr. Sta. } Wm. L. Perry..... "

4 d. c. Northn. West. tot. 130 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 200 hp. e. Ide; 250 hp. b. Murray, Frmn.

City cont. 37 5-lt. electroliers 40 & 60 w. $15 per yr; 59 Mazdas 40 w. $14.40 per yr; moonlt. 12.30 P. M; coal $2.47½.

C D L S ✣ 125

**OAKLAND,** 1,105—Red Oak Elec. Co. For executive officers, see Red Oak.
Ch. Engr. F. E. Smith............Oakland

1 d. c. West. 50 kw. 250-125 v; 200 amp. hrs. stor. bat. 125 v. E. S. B. Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 80 hp. e. (oil) Alamo.

Midnt; distillate $3.95 per 100 gal. (Transmn. line to Emerson, Carson and Macedonia.)

C D G L ✠ ★16

**OELWEIN,** 6,028 — Fayette County Utilities Co. office, 327 So. La Salle St., Chicago, Ill. (successor to Oelwein Lt. Ht. & Pwr. Co.): cap. outstdg. $338,000; bds. $40,000.
Pres. Harley L. Clarke
327 So. La Salle St., Chicago, Ill.
Sec. F. R. Moulton.......... "
*Mgr. H. C. Clark.................Oelwein
Audr. F. L Pietrowicz......Chicago, Ill.
Ch. Engr. Geo. Woodhouse......Oelwein

2 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 600 hp. e. B. & W; 400 hp b. Spring.

City cont. 260 incs. 100 w. $30 per yr; moonlt; coal $3.10. (Contemplates erecting trans. line to Hazelton.)

D L S 3 ✠ ★16w

**OGDEN,** 1,298—*Munic. Elec. Lt. Plant; cost $8,000.
Clerk, J. M. Rosen...................Ogden
¶ Cont. Agt. H. Elers............... "
Supt. & Ch. Elecn. P. Casserly..... "

Energy purchased from Central Iowa Lt. & Pwr. Co.

City cont. 12 arcs 500 w; 100 city incs. 40 w; moonlt; coal $2.10.

L 14

**OLIN,** 708—Iowa Electric Co. For officers, see Marengo.

City cont. 78 incs. mult. 40 w. $18.50 per yr; all nt; moonlt.

L 16

**ONAWA,** 2,026—Munic. Elec. Lt. Plant; cap. $8,000; bds. $15,000.
Treas. George Buckley............Onawa
Supt. City Council.................. "
*¶Engr. Pwr. Sta. Henry Luth... "

1 a. c. Westg. 95 kw. 115 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v; 160 hp. e. Murray: 170 hp. b. Des Moines.

City cont. 100 Mazdas; moonlt; coal $4.03. (Trans. to Blencoe.)

D L S 1 ✠ 25

**ONSLOW,** 230—Iowa Electric Co. For officers, see Marengo.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 19 incs. mult. 40 w. $18.50 per yr; moonlt; all nt.

D L 3 16

**ORANGE CITY,** 1,374—Orange City Elec. Lt. & Pwr. Plant; cap. $16,000, 6 p. c. div; no bds.
*¶Owner & Mgr. F. W. Michel. Orange City
Engr. Pwr. Sta. F. W. Leedom "

2 a. c. Ft. W. tot. 107.5 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 197 hp. e. Mur, Twin City; 150 hp. b. Murray.

City cont. 103 Mazdas 60 w. $13.56 per yr: moonlt; coal $2.32.

D L S 1 ✠ ★125

**OSAGE,** 2,445—Osage Elec. Lt. Ht. & Pwr. Co.; cap. $15,000; no bds.
Pres. W. J. Ferris........La Crosse, Wis.
V. Pres. J. W. Ferris....Watertown, S.D.
Sec. & Treas.
Robt. Ferris..............Yankton, S. D.
*¶Mgr. & Cont. Agt. Thos. Ferris..Osage
Supt. Albert Tresmer ............ "
Engr. Pwr. Sta. Frank J. Evans..... "

2 a. c. G. E. tot. 150 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100-110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 2 ph. 60 cys; 240 hp. e. Am, Ball; 250 hp. b. Am, Ball.

City cont. 120 tung. series 60 c. p. $2.25 per yr; all nt; coal.

D L S 2 3 ✠ 25

**OSCEOLA,** 2,416—Osceola Lt., Ht. & Pwr. Co. (Controlled by Union Co. of Omaha.)
Pres. & Mgr. Willis Todd..Omaha, Nebr.

2 a. c. West. tot. 125 kw. 110 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v, 225 hp. e. Mur, Cor; 220 hp. b. Frmn; Lowery. Energy also from Chariton.

City cont. 9 arcs. W. E. 1200 c. p; 65 incs. 50 c. p; moonlt. all nt; coal $1.40. (Also lts. Murray.)

D L S 2 ✠ ★16

**OSKALOOSA,** 10,414—Oskaloosa Trac. & Lt. Co. (Owns Oskaloosa & Buxton Elec. Ry. Co. and New Sharon Public Utility Co.) Controlled by Des Moines Elec. Co., which is part of the Illinois Traction System; cap. auth. $500,000; bds. auth. $300,000; outstg. $268,000.
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Exec. H. E. Chubbuck. Peoria, Ill.
Sec. & Treas. Geo. M. Mattis
Champaign, Ill.
Gen. Mgr. W. H. Thomson, Jr. Des Moines
Gen. Audr. B. E. Bramble.....Oskaloosa
¶ Gen. Supt. & Cont. Agt.
A. H. R. Jackson.............. "
Engr. Pwr. Sta. W. E. Coons.. "

3 a. c. G. E. tot. 810 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 400 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1560 hp. e. Bckye, Mur, Allis, Cor; 1600 hp. b. Stir, Bab. & W.

City cont. 8 series arcs 6.6 amp. $70 per yr; 321 series Tung. $25 per yr; 2 series Tung. 100 c. p. $30 per yr; 17 alley lts' $17 per yr; 72 5-lt. electroliers $60 per yr; moonlt. & all nt; coal $1.45. (Trans. to Montezuma.)

C D R S 3 ✠ ★16

**OTTUMWA,** 22,012—Ottumwa Ry. & Lt. Co. (Controlled by the Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $1,099,900; bds. $1,324,000.
Pres. A. S. Huey.................Chicago, Ill.
V. Pres. H. M. Byllesby.......... "
Sec. R. J. Graf..................... "
Treas. J. J. O'Brien................ "
¶ Mgr. C. E. Fahrney............Ottumwa
Supt. Ltg. W. D. Farrell........ "
Engr. Pwr. Sta. H. T. Yust...... "

2 d. c. W. E. tot. 700 kw. 500 v; 3 a. c. W. E. tot. 1150 kw. 2300-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. 3 ph. 60 cys; 2500 hp. e. Allis-C, Ham, Fulton, Ball; 2000 hp. b. Stir; also stm. htg; 3 miles of mains.

City cont. 184 enc. arcs a. c. 500 w. $67.50 per yr; 127 Mazdas 75 w. $22.50 per yr; all nt; coal $1.40.

C D H R S 3 25

**OXFORD JCT.,** 851—Iowa Electric Co. For officers, see Marengo.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 35 incs. mult. 40 w. $18.50 per yr; moonlt; all nt.

D L 3 16

**OXFORD MILLS,** 300—*Iowa Electric Co. See Marengo.

**PANORA,** 1,080—Munic. Elec. Lt. & Pwr. Plant.
*Treas. Wade Spurgean............Panora
¶ Mgr. Supt. & Engr. Pwr. Sta.
D. D. Rees, Jr...................... "

2 a. c. West. tot. 160 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 50 hp. e. (gas) Otto; 100 hp. wtr. whl. Smith.

54 city incs. nitrogen, 32 c. p.

D G L W 1 2 ✣ 84

**PARKERSBURG,** 938 — Cedar Valley Elec. Co. For executive offices, see Charles City.

a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 49 incs. 32 c.p. $18 per yr; mdnt.

D L 3 ✣ ★95

**PARNELL,** 379 — Iowa Electric Co. For officers, see Marengo.

Energy from Marengo, 1 transf. G. E. 15 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 14 incs. mult. 40 c. p. $15 per yr; moonlt; all nt.

D L 1 16

**PAULLINA,** 766 — Munic. Elec. Lt. Plant; cost $15,000.

Mayor, Paul G. Williamson......Paullina
*City Clerk Albert H. Meyer...... "
Treas. J. V. Adkins................ "
Supt. & Engr. Pwr. Sta.
Wells Sutherland................ "
Asst. Engr. Pwr. Sta.
Ed. H. Mossbeck................ "

2 d.c. Ft.W. tot. 92½ kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; no mo. cir; stor. bat. U. S. Lt. & Htg. Co. 25 amps. 8 hrs; 150 hp. (oil) Mietz & Weiss.

150 city Mazdas 40 & 60 w; distillate 5.2 cts. per gal.

C D G L 125

**PELLA,** 3,021—Munic. Elec. Lt. & Wtr. Plant; cost $50,000.

Treas. A. N. Vanderlinden ..........Pella
*¶Mgr. & Cont. Agt. A. C. Kuyper.. "
Engr. Pwr. Sta. D. Wynia........... "

2 a. c. Allis-C. tot. 85 amp. 2300 v. 3 ph. 60 cys; 2 arc West. tot. 100 lts. 5.5 amp; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; — hp.e. Ide. Murray, Cor; 450 hp.b. Murray.

City cont. 100 arcs series tung, West. 60 c.p. 5.5 amp. $10 per yr; 30 mult. tung. 60. w. $10 per yr; coal $2.10 to $2.60.

D L S 3 ✣ 125

**PERRY,** 5,000—Iowa Ry. & Lt. Co. For officers, see Cedar Rapids.

Local Mgr. M. G. Lyon..............Perry

Energy from Boone during summer; trans. volt. 33,000 v. 3 ph. 60 cys; 3 transf. West. tot. 525 kva; 2 a. c. West. tot. 360 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 600 hp. e. F. & S, Allis-C, 900 hp. b. Heine; also stm. htg.

City cont. 8 arcs 1200 c. p. $72 per yr; 160 incs. 25 c. p. $14.40 per yr; all nt; moonlt; coal $1.60.

D H L S 2 ✣ 125

**PETERSON,** 482 — Peterson Pwr. & Milling Co; cap. $100,000; bds. $26,000.

Pres. D. McMillans.................Peterson
V. Pres. A. O. Anderson......... "
*¶Sec. Treas. Mgr. Cont. Agt. &
Supt. A. W. Jones............ "
Engr. Pwr. Sta. E. Millington... "

2 a. c. Elec. Mch. tot. 175 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v a. c. day & nt. mo. cir. 110 v. s. & 3 ph; 150 hp. e. Murray; 300 hp. wtr. wh. Triump; 150 hp. b. Murray.

City cont. 30 incs. G. E. series 60 c. p. $24 per yr; all nt. moonlt; also lts. Sutherland. (Lts. Calumet and Linn Grove.)

D L S 1 3 ✣ 75

**POCAHONTAS,** 987—Munic. Lt. & Pwr. Plant.

*Mgr. T. B. Thornton..........Pocahontas

1 a. c. Ridg. 50 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 70 hp. e. (oil) D. L. V; also purchases energy from Northern Iowa Pwr. Co; 2 transf. Duncan tot. 100 kw.

62 city incs. 100 c. p; oil 3.2 cts. per gal.

D G L 2 ✣ ★125

**POPEJOY,** 240—Iowa Falls Elec. Co. For officers see Iowa Falls.

Energy from Iowa Falls; 1 transf. G. E. 30 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 10 incs. mult. 40 c. p. $18 per yr.

D L 1 ✣ 16

**POSTVILLE,** 952—Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.) For executive officers, see Decorah.

Local Supt. F. W. Gates..........Postville

Energy from Decorah; 5 transf. Duncan, Allis-C tot. 285 kva; trans. volt 13,200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v.

City cont. 63 incs. series 40 w. $12.60 per yr.

D L 3 ✣ 25

**PRAIRIE CITY,** 764 — Colfax Elec. Lt. Co. See Colfax.

City cont. 48 series incs. 40 c. p. $21 per yr; 6 mult. incs. 100 w. $20 per yr; moonlt.

L 16

**RED OAK,** 4,830—Red Oak Elec. Co. (Controlled by the Continental Gas & Elec. Corpn.); cap. $500,000; bds. $50,000.

Pres. F. S. Schadel................Red Oak
V. Pres. W. H. Abbott.....Cleveland, O.
Sec. H. B. Abels............ " "
Treas. C. S. Eaton.......... " "
Engrs. Abbott & Eaton..... " "
Mgr. E. P. Steen...................Red Oak

2 d. c. West. tot. 170 kw 230 v; 2 a. c. West. tot. 1000 kw. 2300 v. 3 ph. 60 cys; a.c. day & & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 225-230 v; 350 hp.e. F. & S. Westg; 550 hp b. Frost, Murray, Kew; 600 kw. stm. turb. Westg, Par; also stm. htg. and city pumping.

City cont. 481 incs. Tung. tot. $5,000 per yr; moonlt. mdnt; coal $2.40. (Co. also lts. Oakland, Stanton, Griswold (which lts. Elliott & Grant,) and Villisca ; transmission also to Hawthorne, Emerson, Hastings, Malvern, Hillsdale, Glenwood, Pacific Junction, Silver City, Mineola, and Plattsmouth, Henderson and Carson and Macedonia, Neb.)

C D H L S 3 ✣ ★16

**REINBECK,** 1,205—Reinbeck Elec. Lt. Plant.

*Owner & Mgr. Chas. C. Camp Reinbeck
Ch. Engr. Wm. Guhl............. "
Engr. F. H. Clark................ "

Energy purchased from Iowa Ry. & Lt. Co., Toledo; 3 West. transf. 50 kw.

City cont. 4 4-lt. 100 w. tung. clusters; 49 incs. 32 c. p. $19.50 per yr; moonlt. all nt.

D L ✣ 25†

**REMSEN,** 1,076—Remsen Elec. Lt. & Pwr. Co.; cap. $15,000.

Pres. John A. Johnson...........Remsen
*V. Pres. & Mgr. Hiram Johnson "
Sec. & Treas. George Johnson... "

3 d. c. West, Ft. W. tot. 100 kw. 110-220 v; 300 amp. hrs. stor. bat. 110 v. E. S. B. Co; d. c. day & nt. ltg. cir. 112 v; d. c. mo. cir. 220 v; 95 hp. e. (oil & gas) Alamo; distillate 5½-4 cts. per gal.

C D G L ✣ 125

**RICEVILLE,** 844—Riceville Elec. Lt. & Pwr. Co; cap. $5,475.
Pres. E. C. Richmond..........Riceville
V. Pres. Bert N. Hendricks ..... "
Sec. & Treas. Chas. F. Bartlett... "
*¶ Mgr. L. E. Markham.......... "
2 a. c. Gregory T-H. tot. 35 kw. 1100-110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. C. & T; 150 hp. b. Twin City, Ames; 50 hp. e. (gas)釘Internl.
City cont. 31 tung. 60 w. $15.60 per yr; moonlt; coal $3; kerosene 7.6 cts.per gal.
G L S 1 ✠ 75W

**ROCKFORD,** 916—Rockford Lt. & Pwr. Co. (Successor to Rockford Elec. Lt. Co.); cap. outstdg. $17,000; no bds.
Pres. & Treas. J. N. Hoadley...Rockford
V. Pres. & Sec. E. L. Hoadley..Marblerock
*Mgr. H. B. Matthews...........Rockford
1 a. c. Elec. Mch. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 60 hp. e. (gas) Hart Parr; 170 hp. wtr. wh. Leffel.
City cont. 274 incs. 40-60-100 w; all nt; kerosene 7 cts. per gal.
D G L W 3 ✠ 25

**ROCK RAPIDS,** 2,005—Munic. Elec. Lt. Plant.; cost $24,500.
Mayor, E. O. Carpenter......Rock Rapids
Treas. P. G Smith.......... "
City Clerk, J. K. Medberry.. "
*¶ Supt. W. F. Gingrich..... "
Elecn. J. W. McCreery....... "
Engrs. { John Bird......... "
Wm. Monlux..... "
E. N. Evans...... "
3 d. c. Westg. tot. 130 kw. 250 v; d. c. day cir. 110 v; day & nt. pwr. cir. 220 v; 185 hp. e. Murray; 300 hp. b. Murray.
50 5-lt. city posts; 68 incs. 60 w. $16 per yr; moonlt. mdnt. & all nt; coal $2.25.
C D L S ✠ 125

**ROCK VALLEY,** 1,198—Rock Valley Elec. Co.
Pres. E. S. Thayer...........Rock Valley
*¶ Mgr. & Cont. Agt. S. Thayer "
Engr. Pwr. Sta. Jas. McElroy "
2 a. c. West. Elec. Mch. tot. 180 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v. s. ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. or 3 ph. 60 cys; 200 hp. e. Mur; 200 hp. b. Mur.
City cont. 116 series Mazdas 50 w. $1.50 per mo; — electroliers (4-25 w. & 1-60 w.) $3 per post per mo.; moonlt. midnt; coal $3.25. (Also lts. Doon, Alvord and Hull.)
D G L S 3 ✠ 125

**ROCKWELL CITY,** 1,528 — Calhoun County Public Service Co. (Owned and controlled by Central Iowa Lt. & Pwr. Co.); cap. $22,000.
Pres. Homer Loring.........Boston, Mass.
¶ Sec., Treas. & Audr. F. M. Johnson Boone
Mgr. & Gen. Supt. Frauk K. Shuff "
Supt. Ovhd. Distrbn. A. D. Gilison Rockwell City
Energy from Central Iowa Lt. & Pwr. Co; 2 transf. G. E. tot. 200 kva; 1 freq. changer G. E. 200 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 25 cys.
City cont. 6 mult. arcs $60 per yr; 33 series incs. 60 c. p. $21 per yr; all nt.
D L 3 ✠ 35

**ROLAND,** 641 — Munic. Ltg. System.
*City Clerk Geffrey Michaelson..Roland
Energy from town of Story; 2 transf. Packard, West. tot. 62½ kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
D L 1 ★16

**ROLFE,** 954—Rolfe Elec. Lt. & Pwr. Co.; cap. $14,000; no bds.
Pres. C. W. Siefkin.................Rolfe
V. Pres. Robt. Bruce................ "
*Sec. & Treas. Ward Ferguson......Rolfe
Energy purchased from Northern Iowa Pwr. Co., Humboldt; a. c. day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 40 incs. series 75 w. $21 per yr.
D L 3 ✠ 125

**ROWAN,** 325—Rowan Elec. Co.
Owner C. C. McCullon..............Rowan
1 d. c. 15 kw. 110 v; also purchases energy from Iowa Falls Elec. Co; 1 transf. G. E. 30 kw. 13,200-230-115 v. s. ph; a. c. day & nt. ltg. cir. 220 v; gas engine.
D G L 1 §16

**SAC CITY,** 2,201—Sac City Elec. Co.; (Controlled by the Electric Properties Assn., which in turn is controlled by the Federal Pwr. & Lt. Co.)
Local Mgr. H. W. Deininger......Sac City
3 a. c. West, Allis-C. tot. 400 kw. 2300 v. 2 ph. 60 cys; trans. 13,200-6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 2 ph. 60 cys; 600 hp. e. Mur; 400 hp. b. Mur.
City cont. 29 electroliers 5-lt. 40 w. Mazdas $36 per post per yr; all nt; 97 incs. 32 c. p. 40 w. $15 per yr; moonlt. mdnt; coal $2.30. (Also lts. Lytton and Lake View; contemplate extending lines to Newell, Wall Lake & Odebolt.)
D L S 1 2 3 ✠ ★25†

**SADORA,** 215—Iowa Electric Ce. For officers, see Marengo.
Energy from Marengo, 1 transf. G. E. 20 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 19 Tung. mult. 40 c. p. $15 per yr.
D L 1 16

**ST. ANSGAR,** 747- Light & Power Co;
Pres. A. N. Lund.................St. Angsar
V. Pres. C. H. Miller.......... "
*¶ Sec. Treas. & Mgr.
O. H. Koch.................. "
Engr. Pwr. Sta. L. Peterson.. "
1 a. c. W. E. 75 kw. 2300 v. 3 ph. 60 cys; trans. 2300 v. 3 ph. 60 cys; a. c. day (Monday & Tuesday A.M.) & nt. ltg. cir. 110 v. 60 cys; no mo. cir; 150 hp. turb. (wtr.) Leffel.
City cont. 43 Mazdas metered 15 cts. per kw; moonlt. 1 A. M.
D L W 3 ✠ 125

**SANBORN,** 1,174—Sanborn Elec. Co.
*¶ Owner, Treas. & Mgr.
Geo. A. Healy.....................Sanborn
Sec. H. R. Healy................ "
Engr. Pwr. Sta. J. W. Holmes... "
2 a. c. West, G. E. tot. 150 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 185 hp. e. Sioux City, Allis-C; 180 hp. b. Mur.
City cont. 47 Mazdas 32 c. p. $18 per yr; moonlt; coal. (Co. also lts. Pringhar.)
D L S 1 2 ✠ 25

**SCRANTON,** 845—Scranton - Glidden Elec. Co., office at Glidden; cost $13,000; cap. stock issued $10,000.
Pres. A. Moorhouse...............Glidden
V. Pres. Lee Davis...............Scranton
*Sec. P. P. Pitcher............... "
Treas. W. W. Anderson.......... "
Mgrs. { J. E. Moss.............. "
Lee Davis .............. "
Energy purchased from Munic. Elec. Lt. Plant at Glidden 6600-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 3 series Mazdas 350 c. p. 6.6 amp. $60 per yr; 35 series Mazdas 32 c. p. 6.6 amp. $12 per yr; mdnt. (Also lts. Ralston.)
D L 1 3 ✠ ★125

**SEYMOUR,** 2,290 — Munic. Elec. Lt., Pwr. & Wtr. Wks.
*¶ Supt. Milo Neely.............Seymour
Ch. Engr. Pwr. Sta.
Herman Middleton............ "
2 a. c. West, Ridg. tot. 200 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 285 hp. e. Murray, Ridg; 200 hp. b. Ottumwa, Murray.
75 city tung. G. E. 80 c. p. (50) and 200 c. p. (25) moonlt; mdnt; coal $2.26.
D L S 1 3 ✣ ★125

**SHEFFIELD,** 824—Sheffield Elec. Lt. & Pwr. Co. (Elecl. Dept. of Sheffield Brick & Tile Co); cap. $150,000.
*¶ Owner & Mgr. C. C. Carhart..Sheffield
2 a. c. West Tri. tot. 250 kva. 2300 v. 2 ph. 60 cys; trans. volt. 6600 v, s. ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 112-224 v. 2 ph. 60 cys; 350 hp. e. Allis-C; 150 kw. stm. turb. West; 450 hp. b. Erie; also purchases energy from Sheffield Brick & Tile Co; 26 transf. Enterprise tot. 154 kw.
City cont. 61 incs. Tung. 60 w. $22.50 per yr; all nt. moonlt; 12 5-lt. electroliers (top lt. 60 w. all nt., bottom lts. 40 w. 11 P. M.) $3 per post per month; coal $2. (Co. also lts. Rockwell.)
D L S 1 2 ✣ 125

**SHELDON,** 2,941—Sheldon Lt. & Pwr. Co.; cost $50,000.
*Pres., Sec., Treas. & Mgr.
M. F. Logan.....................Sheldon
Supt. of Ovhd. Distrbn. Ort. Hayes "
Ch. Engr. H. E. Palmer........... "
Engrs. Pwr. Sta. { B. Kobbe............. "
{ Earl Freer............ "
2 a. c. Bull, Allis C. tot. 275 kva. 2200 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 110-220 v; 375 hp. e. Sioux City; 300 hp. b. Murray.
City cont. 235 incs. 25-100 w. 8 cts. per kw; coal $3.75.
D L S 1 ✣ ★125

**SHENANDOAH,** 4,976—Artificial Ice, Pwr., Ht. & Lt. Co. (Controlled by the Continental Gas & Electric Corpn.); cap. $250,000; bds. $50,000.
Pres. J. J. Dunnegan.........Shenandoah
V. Pres. W. H. Abbott. ....Cleveland, O.
Sec. H. B. Abels............ "
Treas. C. S. Eaton.......... "
Engrs. Abbott & Eaton..... "
Mgr. R. M. Pritchard.........Shenandoah
3 a. c. Allis-C. tot. 650 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a.c. day & nt. mo. cir. 200-110 v. s. & 2 ph. 60 cys; 750 hp. e. Ideal, Mur, Cor; 750 hp. b. Atlas, Murray; 12 ton ice machine, also stm. htg. and city pumping.
City cont. 22 arcs Magnetite 6.6 amps; 165 tung. 100 c. p. 4 cts. per kw; moonlt. all nt; coal $2.50. (Co. also sells energy in Essex, Farragut and Coin.)
D H I L S 1 2 ✣ 35

**SIDNEY,** 1,019—Sidney Lt., Ht. & Pwr. Co.; cap. $15,000.
Pres. J. T. Hodges.................Sidney
V. Pres. A. V. Penn................ "
Sec. A. Wildberger................ "
Treas. C. J. Esden................. "
*¶ Mgr. & Ch. Engr.
Harry B. Day...................... "
Engr. Pwr. Sta. John Adams..... "
4 d.c. W. E. tot. 120 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 110-220 v; 62 hp. e. (gas) F. M. & Co; 20 hp. De L. turb. (stm.); 80 hp. e. Chuse; 80 hp. b. Gem City.
City cont. 4 arcs enc. 550 w. $60 per yr; 70 incs. 60 v. $12 per yr; moonlt. mdnt; coal $3.25.
C D G L S ✣ ★16

**SIGOURNEY,** 2,032—Sigourney Elec. Co; cap. $19,500.
*¶ V. Pres. & Mgr.
R. L. Van Meter.............Sigourney
Supt. B. H. Van Meter......... "
2 a. c. G. E, Westg. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 550 hp. e. Murray, Ham; 600 hp. b. Murray; transmn. volt. 13,200 v. 3 ph. 60 cys.
City cont. 8 series tung. 400 w. $60 per yr; 135 incs. mult. 60 w. $10.80 per yr; moonlt. all nt; coal $1.70. (Sells energy to and operates Sigourney Transmn. Co., which company serves What Cheer, Delta, Hedrick, Fremont and Martinsburg.)
D L S 2 3 ✣ 104

**SIOUX CITY,** 47,828—Sioux City Gas & Elec. Co; cap. outstg. $1,500,000; bds. $1,000,000.
*Pres. & Mgr. L. L. Kellogg...Sioux City
V. Pres. W. F. Douthirt,
910 Grand Ave., Kansas City, Mo.
Sec. H. A. Hoskins............Sioux City
Treas. James Ball, Broad & Arch Sts.,
Philadelphia, Pa.
Cont. Agt. A. H. White........Sioux City
¶ Pur. Agt. J. A. Pearson
Broad & Arch Sts., Philadelphia, Pa.
Gen. Supt. W. J. Bertke.......Sioux City
2 d. c. West. 400 kw. 500 v; 5 a. c. G. E. West. tot. 3750 kw. 2300 v. 2 ph. 60 cys; 3 rect.; d. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 208 v; d. c. day & nt. mo. cir; 500 v. 1250 hp. e. Allis-C; 2500 hp. b. Heine; 2500 hp. turb. (stm.) Allis-C. West.
City cont. 100 arcs 2000 c. p. $75 per yr; 1500 incs. 60 c. p. $20 per yr; all nt; coal $2.51. (Co. also lts. Sargent Bluffs, Salix and Sloan, Ia. and Dakota City and South Sioux City, Nebr.)
C D L S 2 ★125

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Sioux City Service Co. Office, 414-16 Fifth St.
Pres. R. J. Dunham,
208 S. La Salle St., Chicago, Ill.
Sec. & Treas. J. H. Ricker....Sioux City
*Mgr. E. L. Kirk.............. "
Audr. E. K. Lorsen......... "
¶ Pur. Agt. H. B. Gregory ... "
Supt. Lt., Pwr. & Ht.,
L. R. Crawford............. "
Ch. Engr. Pwr. Sta. M. W. Lake.. "
4 d. c. Westg. G. E. tot. 3200 kw. 550 v; d. c. day & nt. ltg. cir. 110 v; d.c. day & nt. mo. cir. 220 v; 6400 hp. e. Allis-C, Fulton, S. C; 4000 hp. b. Stir; also stm. htg.
C D H R S ✣ 125

**SIOUX RAPIDS,** 868—*Sioux Rapids Hydro-Elec. Co; cap. $100,000.
Mgr. K. C. Gaynor..........Sioux Rapids
3 d. c. Peerless, G. E, C-W tot. 115 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 100 hp. turb. (stm.) Kerr; 1 stm. eng; 100 hp. b. Frost.
City cont. 10 cts. per kw; coal $2.10.
C D L S ✣ 35

**SPENCER,** 3,005—*Munic. Lt. & Wtr. Wks; cost $20,000.
¶ Mgr. & Supt. H. A. Adams......Spencer
Ch. Engr. H. C. Harder........... "
2 a. c. Elec. Mch. tot. 225 kw. 2160-106 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 216-108 v; 400 hp. b. Mur; 400 hp. e. (stm.) Mur.
309 city incs. $2.95; moonlt. mdnt; coal $2.95.
D G L S 3 ✣ 14

**SPIRIT LAKE,** 1,162 — Spirit Lake Elec. Lt. Co.
*Owner & Mgr. James H. Ehret
Spirit Lake
2 a. c. West. tot. 150 kva. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 225 hp. e. Murray; 350 hp. b. Mur. Shorthill. (Also stm. htg.)

City cont. 42 incs. mult. 32 c. p. $20 per yr; mdnt; coal $4.10. (Co. also lts. Orleans, Arnold's Park and Milford.)
D H L S 3 ✣ 125

**SPRINGVILLE,** 588—F. M. Hann Elec. Lt. Plant; cap. $8,000.
*Owner, F. M. Hann..........Springville
Energy purchased from Iowa Ry. & Lt. Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.
City cont. 29 incs. 50 c. p. $20 per yr; moonlt. 12 P. M.
D L 1 ✣ 25

**STATE CENTER,** 898—Munic. Elec. Lt. Plant; cost $7,000; bds. $1,500.
Pres. R. Robinson............State Center
Treas. F. Dobbin............. "
*¶Mgr. & Cont. Agt.
Frank Gue, Jr.............. "
Engr. Pwr. Sta. Geo Watts "
1 a. c. Westg. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys; 125 hp. e. Murray; 225 hp. b. Mur.
70 city incs. series 60 c. p; moonlt; coal $2.60.
D L S 1 3 ✣ 125

**STONE CITY,** 1,064—Iowa Ry. & Lt. Co. See Marion.

**STORM LAKE,** 2,428—Storm Lake Elec. Lt. & Pwr. Co. (Controlled by Electric Properties Ass'n. which in turn is controlled by the Federal Pwr. & Lt. Co.); cap. outstg. $25,000; no bds.
Pres. L. Hooper,
35 Congress St., Boston, Mass.
Treas. C. A. Olson,
35 Congress St., "
Mgr. & Engr. E. J. Hutter,
35 Congress St., "
Local Mgr. Frank W. Mack..Storm Lake
2 a. c. G. E. tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 200 v; 275 hp. e. Mur; 300 hp. b.
City cont. 100 incs. "C" 100 c. p. $20 per yr; mdnt. & all nt; coal $3.54.
D L S 3 ★26

**STORY CITY,** 1,387—Munic. Elec. Lt Plant; cost $27,000; bds. $17,000.
*¶ Mgr. Cont. Agt. & Supt.
M. Henderson................Story City
Engr. Pwr. Sta. J. E. Erickson... "
2 a. c. West. 225 kva. 1100 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v. s. ph. 60 cys; 225 hp. e. Mur; 240 hp. b. Frost, Mur; 80 hp. (oil) e. F. & M; also stm. htg.
33, 16 & 64 city tung. 250, 60 & 40 w; coal $3; oil 5⅛ cts. (Sells energy to Roland.)
D G H L S 1 3 ✣ 75

**STRAWBERRY POINT,** 1,052—Strawberry Point Elec. Lt. Plant (Munic.)
*Supt. & Engr. A. Steil. Strawberry Point
2 d. c. Ft. W. 95 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 145 hp. (gas) e. Munzel; 200 hp. gas pro. Munzel.
City cont. 50 series G. E. Mazda lamps, 100 w; coal $6.45.
C D G L 125

**STUART,** 1,826—Munic. Elec. Lt. Plant; cost $15,000; bds. $14,000.
Treas. J. L. Swinehart...............Stuart
*Clerk, G. F. Taylor............... "
Engr. Pwr. Sta. G. A. Burkhart.... "
3 d. c. Harris, Ball, Ideal tot. 195 kw. 120 v; d. c. day & nt. ltg. & mo. cir. 110 v; 175 hp. e. Harris; 195 hp. b. S. C, Des Moines; also stm. htg.
City cont. 43 5-lt. electroliers; 85 incs. 10, 12½ & 15 cts. per kw; all nt; coal $1.77.
C D H L S ✣ ★125

**SUMNER,** 1,404—Sumner Lt. & Pwr. Co; cap. $18,000.
*¶Pur. Agt. Chas. R. Hurmence...Sumner
Purchases energy from Turkey River Pwr. Co; 1 transf. 50 kva. West; trans. volt. 13,200 v. s. ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 60 Mazdas 60 w. $24 per yr; moonlt.
D L 1 ✣ 125

**TAMA,** 2,290—Iowa Ry. & Lt. Co. See Marshalltown.

**THOMPSON,** 576—Munic. Elec. Lt. Plant; bds. $12,000.
*Clerk Otto Alquist............Thompson
Mgr. & Engr. C. C. Clifton .... "
d. c. gen; d. c. day & nt. ltg. cir; 25 hp. e. (gas) Bates, Edmonds.
32 city arcs and 15 electroliers.
C G L §16

**THURMAN,** 336—Thurman Elec. Co., Inc. (Successor to Thurman Lt. & Pwr. Co.)
Pres. T. C. Cole ................Thurman
V. Pres. E. L. Warner.......... "
Sec. & Treas. I. A. Loose....... "
*Mgr. H. McCartney............ "
Engr. Pwr. Sta. E. C. Doil...... "
Asst. Engr. Pwr. Sta. Ray Doil.. "
2 d. c. W. E. tot. 20 kw. 110 v; d. c. day & nt. (5 a.m. to midnt.) ltg. & mo. cir. 110 v; 30 hp. e. (oil) Remington; stor. bat. E. S. B. 120 amp.-hrs. 110 v.
City cont. 30 tung. 60 w. $12 per yr; moonlt. mdnt; oil 6 cts. per gal.
C D G L ✣ 125

**TIPTON,** 2,125—*Munic. Ltg. System. (Purchased property of Tipton Lt. & Htg. Co.)
Energy purchased from Iowa Ry., Lt. & Pwr. Co., Cedar Rapids; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 106 series incs. 6.6 amp. $18.50 per yr; moonlt. mdnt.
D L 3 ✣ ★16†

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Wapsie Pwr. & Lt. Co. See Mount Vernon.

**TOLEDO,** 1,626—Iowa Ry. & Lt. Co.
For executive officers, see Cedar Rapids.
Local Mgr. J. P. Walters .........Toledo
1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; 1 d. c. 75 kw. 550 v; 1 mo. gen. set G. E. 125 kw. 2300-550 v; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 320 hp. e. Ideal, Ball; 400 hp. b. H. & T, Frost.
City cont. 50 arcs A. B. series 1200 c. p. $42 per yr; 75 incs. 32 c. p. $15 per yr; moonlt; coal $2.25. (Also lts. Tama, Berlin and Morrison and sells energy to Reinbeck Elec. Co.)
C D R S 1 3 ✣ 125

**TRAER,** 1,373—Traer Elec. Co.; cost $25,000.
*Owner & Mgr. F. L. White........Traer
Ch. Elecn. H. L. White............. "
Engr. Pwr. Sta. Fred Johnson...... "
5 d. c. Ft. W, Lindell, West. tot. 150 kw. 120-240 v; d. c. day & nt. ltg. cir. 120 v; d. c. day & nt. mo. cir. 240-120 v; 200 hp. e. A. S. & Am, Sturtevant; 500 hp. b. H. B. & M & ——; also stm. htg.
City cont. 53 Mazdas 40 w. $13.20 per yr; moonlt; 27 5-lt. clusters Mazdas (1-60 w. all nt; 4-40 w. 10 p. m.) $33.60 per yr; coal $3.
C D H L S ✣ ★125

**VALLEY JUNCTION,** 2,573—New Valley Junction Water & Lt. Co. (Controlled by Des Moines Elec. Co., which see for executive officers.)
Local Supt. D. J. McDonough Valley Junction

Energy from Des Moines Elec. Co.; 8 trans. G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 5 series arcs 6.6 amp. $65 per yr; 71 series incs. 6.6 amp. 40 c. p. $17.04 per yr; all nt.

D L 1 3 ✢ 16

**VAN HORN,** 444—*Munic. Ltg. Plant (City purchased property of Van Horn Elec. Lt. & Pwr. Co.)

2 d. c. W. E. 45 kw. 125 v; d. c. day & nt. ltg. & mo. cir. 125 v; 60 hp. e. A. L. Ide; 100 hp. b. Arnold; 40 kw. stor. bat. 125 v.

City cont. 30 incs. $400 per yr; 1800 com. incs. 15 cts. per kw; moonlt; coal $2.10.

C D L S ✢ ★125†

**VAN WERT,** 469—Van Wert Elec. Co; cost $10,000.
Mgr. O. F. Eaton................Van Wert

Energy purchased from Leon Electric Co; 4 transf. G. E. tot. 23 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

City cont; mdnt. (Also lts Weldon.)

D L 1 §16

**VICTOR,** 755—Iowa Electric Co. For officers, see Marengo.

Energy from Marengo, 1 transf. G. E. 30 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 40 series Tung. 100-60-40 w. $15 (per 40 w. lamp) per yr; moonlt; all nt.

D L 1 16

**VILLISCA,** 2,039—Villisca Public Service Co.; cap. $25,000.
Pres. Jas. R. Thorpe,
412 Colorado Bldg., Denver, Col.
Treas. L. H. Marso.......... " "
*Local Mgr. J. A. Freeman.......Villisca

Energy purchased from Red Oak Elec. Co.; 5 transf. G. E. tot. 140 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c day & nt, mo. cir. 1100-440-220 v. 2 ph. 60 cys.

City cont. 24 electro. 5 lts. to 10.30 P. M. & 1 lt. all nt. $——— per yr; 203 tung. 40 w. $15 per yr; all nt.

D L 2 ✢ 75

**VINTON,** 4,000—Munic. Elec. Lt. & Pwr. Plant; cost $56,000.
Mayor E. T. Bryant.................Vinton
*¶Supt. Wtr. & Lt.
W. E. Klingaman.................. "
Engr. Pwr. Sta. Geo. Schindler.... "
Ch. Elecn. R. G. Miller........... "

2 a. c. Westg. tot. 175 kw. 1100-110 v. 2 ph. 60 cys; a. c. day cir. 110 v; pwr. cir. 220 v; 250 hp. motors; 250 hp. e. Murray; 300 hp. b. Murray.

City cont. 108 Blvd. lts. $20 per yr; 200 incs. 40 w. $8 per yr; moonlt; all nt; coal $3 64. (Installing 2-300 kva. stm. turbines.)

D L S 2 ✢ ★125

**WALNUT,** 950—Munic. Elec. Lt. Plant; cost $10,000; bds. $5,400.
Elec. Lt. Comm. { C. R. Spangler..........Walnut
Hugo Burmiester...... "
*Supt. & Engr. Pwr. Sta.
Wm. Carstensen........... ... "

2 a. c. West. Elec. Mch. tot. 175 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. (18 hr.) ltg. cir. 113 v. 60 cys; a.c. day & nt. (18 hr.) mo. cir. 440-220 v. s. & 2 ph. 60 cys; 235 hp. e. Ames, Mur; 210 hp. b. Ames, Titusville.

City cont. 36 series incs. 75 w; 200 incs. mult. 100-60 w; moonlt; coal $3.15.

D L S 1 2 ✢ 125

**WAPELLO,** 1,326—Wapello Elec. Lt. & Pwr. Co. (Owned by The Burlington Ry. & Lt. Co. which see for executive officers.)
Local Mgr. J. A. Nelson.........Wapello

2 a. c. G. E. Allis C. tot. 180 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. 133 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 133 cys; 215 hp. e. Adams, Bckye; 140 hp. b. Murray.

City cont. 92 incs. series 40 c. p. $12 per yr; moonlt; coal $2.15. (Contemplates changing to 60 cys.)

D L S 1 ✢ 75

**WASHINGTON,** 4,525—Iowa Gas & Elec. Co.; cap. outstdg. $175,000; bds. outstdg. $96,000.
Pres. & Treas. Geo. S. Carson..Iowa City
V. Pres. & Sec. Thos. B. Carson, Davenport
*¶ Mgr. H. F. Darbyshire...Washington
Supt. & Engr. Pwr. Sta.
C. M. Robinson............ "

2 a. c. Allis C, Bull. tot. 300 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph 60 cys; 425 hp. e. Murray, Allis C; 300 hp. b. Frost.

Coal $2.75.

D L S 1 2 ✢ 125

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Munic. Water & Lt. Plant; cost $17,500.
*¶ Supt. St. Clair Lewis......Washington
Ch. Engr. C. E. Richardson.. "
Engr. Pwr. Sta. J. D. Buckley "

1 a. c. Westg. 75 kw. 2200 v. 2 ph. 60 cys; 125 hp. e. Ide; 300 hp. b. Kew, Mur.

800 city Mazdas 60 & 1000 w; coal $1.68.

L S 2 ✢ ★125

**WATERLOO,** 26,693—Citizens Gas & Elec. Co. (Controlled by American Gas Co.); cap. stk. outstg. $400,000; bds. $2,647,500.
Pres. M. W. Stroud..............Phila., Pa.
V. Pres. S. P. Curtis.......... "
Sec. H. B. Maynard............Chicago, Ill.
Treas. Jos. B. Townsend, 3d...Phila., Pa.
Mgr. Austin Burt.................Waterloo
¶ Pur. Agt. F. D. Wharton....Phila., Pa.
Supt. H. M. Smith................Waterloo
Asst. Supt. J. P. Jones......... "
Engr. Pwr. Sta. Fred. Swanson... "

4 a. c. G. E tot. 5250 kva. 2300 v. 3 ph. 60 cys; a. c. day cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 4500 kw. turb. (stm.) G. E. Curtiss; 2440 hp. b. Lyons, Bab. & W.

City cont. 144 arcs 6.6 amp. enc. 430 w. $63 per yr; 125 incs. 6.6 amp. 60 c. p. $15 per yr; all nt; coal $2.90. (Also does some suburban ltg.)

D L S 3 ★85

**WAUKON,** 2,025—Interstate Pwr. Co. (Upper Iowa Pwr. Co. Div.). For executive officers, see Decorah.
Local Mgr. E. B. Gibbs..........Waukon

1 a. c. G. E. 200 kw. 2200 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Vilter, Cor; 300 hp. b. Heine, Spring; energy from Decorah; transmn. volt. 13,200 v. 3 ph. 60 cys; 3 transf. Allis-C tot. 225 kw.

City cont. 4 arcs 1200 c. p. $72 per yr; 84 incs. 32 c. p. $12.60 per yr; mdnt.

D L S 3 ✢ 25

**WAVERLY,** 3,205—Munic. Elec. Lt. Plant; cost $83,073; bds. $34,000.
Mayor, F. A. Osincup...........Waverly
*¶ City Clerk, H. R. Van Duveer "
Supt. & Engr. Pwr. Sta. W. M. Roe "

1 a. c. Allis-C. 225 kw. 2200-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 337 hp e. St. Louis, Cor; 330 hp. b. (wtr. tube) Heine; 280 hp. turb. (wtr.) Smith.

8 city arcs A. B. 5 amp; 200 incs. 100 w; all nt.

D L S W 3 ✢ ★125

**WEBSTER CITY**, 5,208—Munic. Elec. Lt. & Water Plant.; cost $90,000; bds. $30,500.
*Mgr. C. E. Mikel...........Webster City
Engr.Pwr.Sta. Jess Haldeman "
2 a.c. West. tot. 500 kva. tot. 2400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 750 hp.e. Murray; 450 hp. b. Murray.
City cont. 520 Mazdas 60, 100, 500 & 1000 w; moonlt; coal $1.85. (Also lts. Woolstock and sells energy to Duncombe.)
D L S 1 3 ✢ 125

**WELDON**, 289—Van Wert Elec. Co. See Van Wert.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
D L 1 16

**WELLMAN**, 724—Wellman Lt. & Pwr. Co.; cap. $10,000; no bds.
Pres. Eardley Bell, Jr...........Wellman
V. Pres. John A. Wehrle....... "
Sec. & Treas. B. N. Jessen...... "
*¶Mgr. L. E. Butler............. "
Ch. Engr. Jacob Chapman....... "
2 a. c. Elec. Mch. tot. 68½ kva. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 90 hp. e. Mur; 100 hp. b. Mur.
City cont. 20 nitrogen lamps type "C" 500 & 100 w. $19.20 per 100 w. per yr; moonlt; coal $2.
D L S 1 3 75

**WELLSBURG**, 384—Iowa Falls Elec. Co. For officers, see Iowa Falls.
Energy from Iowa Falls: a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 25 series incs. 40 c. p. $18 per yr.
D L 1 16

**WEST BEND**, 701—Munic. Ltg. Plant; cap. outstg. $12,000.
Mayor, Jos. Dorweiler.........West Bend
*Clerk, Leo Mimbach.......... "
1 d. c. West. 50 kw. 220 v; 200 amp.-hr. stor. bat; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 80 hp. e. Mur, Cor; 80 hp. b. Mur.
31 city incs. 60 w; coal $2.85.
C D L S §16

**WEST BRANCH**, 643—West Branch Elec. Lt. Co.; cap $5,000.
¶ Pres. B. A. Gill...........West Branch
*Sec. J. T. Butler........... "
Treas. D. L. Bell........... "
Engr. Pwr. Sta. D. I. Phipps "
2 d.c. inc. West, Bullock tot. 65 kw. 125 v; d. c. day (Mon. & Tues. A. M.) & nt. ltg. cir. 120 v; 175 hp. e. Murray; 250 hp. b. Murray.
City cont. 74 tant. 40 & 80 w. $14.16 per yr; moonlt; coal $2.68.
C D L S ✢ 25

**WEST BURLINGTON**, 1,206—Burlington Pwr. Co.
Pres. C. E. Perkins............Burlington
V. Pres. H. S. Rand........... "
Sec. E. P. Eastman............ "
Treas. Wm. Carson............ "
*Mgr. A. G. Gibbony.......... "
Energy purchased from Miss. River Pwr. Co: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 25 cys.
D L 3 §115

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Burlington Ry. & Lt. Co. See Burlington.

**WEST LIBERTY**, 1,666—Munic. Elec. Lt. Plant; cap. auth. $7,500; bds. auth. & outstg. $7,500, 4 p. c. int.
¶ Pur. Agt. A. L. Dico.......West Liberty
*Ch. Engr. & Elecn.
Lou Inghram.............. "
2 a. c. West. 150 kw. 1100-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Bckye, Buffalo; 300 hp. b. Murray.
City cont. 12 arcs and 115 blvd. lts. tot. $100 per mo; coal $2 56.
D L S 1 125

**WEST POINT**, 570—*Munic. Elec. Lt. Plant; cost $8,000.
Supt. Ch. Engr. & Elecn.
V. C. Vance...................West Point
1 d. c. Westg. 75 kw. 250 v; no day cir; 100 hp. e. (belt.) Mur; 100 hp. b. Mur.
80 city arcs 2000 c. p. $30 per yr; moonlt; coal $1.60
C L S ✢ 72

**WEST UNION**, 1,652—Turkey River Pwr. Co. (Purchased all rights of West Union Elec. Lt. & Pwr. Co.)
*Mgr. W. B. Miller..........West Union
2 a. c. E. M. Co. tot. 162 kw. 1100-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp.e. Murray, Am. Ball; 225 hp. b. Murray, Springfield.
City cont. 5 series arcs G. E. 6.6 amp. $96 per yr; 50 series incs. 5.5 amp. $18 per yr; 3 a. m. & 4 a. m; coal $4. (Sells energy in bulk to Sumner Lt. & Pwr. Co.)
L S 1 ✢ 123†

**WHAT CHEER**, 1,720—What Cheer Elec. Lt. & Pwr. Co. (Owned by Burlington Ry. & Lt. Co.)
*Local Mgr. A. J. Lundquist..What Cheer
Energy purchased from Sigourney Transm. Co.: trans. 13,200 v. 3 transf. Allis-C.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 5 arcs G. E. 450 w. $72 per yr; 58 incs. 16 c. p. $10.80 per yr; moonlt. mdnt.
D L 3 125

**WHEATLAND**, 566—Iowa Electric Co. For officers, see Marengo.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 36 series incs. 40 c. p. $18 per yr; mdnt; moonlt.
D L 3 16

**WILLIAMS**, 457—F. R. Payne Co. Elec. Lt. Plant: cap. $20,000.
*Owner & Mgr. F. R. Payne.....Williams
2 d. c. Northn, Mil. tot. 75 kw. 250 v; d.c. day & nt. ltg. & mo. cir. 220 v; 100 hp. motors; 125 hp.e. Wis, Am; 120 hp. b. Atlas, Shorthill.
City cont. 3 arcs, 2000 c. p. $60 per yr; 40 incs. 30 c. p. $7.20 per yr; moonlt.
C D L S ✢ 125

**WILLIAMSBURG**, 1,170—Iowa Electric Co. For officers, see Marengo.
Energy from Marengo, 1 transf. G. E. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 58 series Tung. 40 w. $15 per yr; moonlt; all nt.
D L 1 16

**WILTON JUNCTION**, 1,139—Munic. Elec. Lt. & Wtr. Plant; cost $25,000; bds. issued $12,500, 4½ p. c. int.
¶Mayor, Geo. Bannock..Wilton Junction
*Ch. Engr. W. M. Knott "
2 a. c. West. Minpl. tot. 135 kw. 1200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 250 hp e. Ball, Mur; 300 hp. b. Frost, Mur.
4 city arcs and 75 incs; mdnt; coal $2.50.
D L S 1 ✢ 125

**WINTERSET**, 2,818—Munic. Elec. Lt. Plant.; cost $30,000; bds. $18,000.
Clerk, H. I. Ely.................Winterset
*¶ Mgr. & Supt L. O. Klein "
4 d. c. Ft. W. tot. 260 kw. 220-110 v;

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; d.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v. 3 ph. 60 cys: d. c. mo. cir. 220 v; 300 hp. e. S. C, Bates; 300 hp. b. Des M.

Com. arcs & incs. 10 cts. per kw; coal $2.15.

C D L S 3 125

**WYOMING,** 908—Iowa Electric Co. For officers, see Marengo.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 58 series incs. 40 c. p; all nt; moonlt.

D L 3 16

## KANSAS.

**ABILENE,** 4,340—Riverside Lt. Pwr. & Gas Co.; cap. outstg. $225,000; bds. $25,000.

Pres. Jacob Brown..............Abilene
V. Pres. G. A. Rogers............ "
Sec. Treas. & Gen. Mgr.
C. L. Brown.................... "
Audr. A. J. Spizzy................ "
*¶ Supt. R. B. Gemmill........... "
Ch. Engr. Pwr. Sta. Marsh Buck.. "

2 a. c. G. E. Stan. tot. 650 kw. 2300 v. 3 ph. 60 cys; trans. 11,500 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. T. C. Cor; 750 kva. G. E. turb; 818 hp. wtr. wh. Leffel; 800 hp. b. Atlas, O'Br, Erie.

City cont. 222 incs. series mult. 40 w. $15 per yr; all nt; oil $1.49 per bbl. (Also lts. Navarre and Woodbine and sells energy in bulk to cities of Enterprise, Chapman and Solomon.)

D L S W 3 125

**ALMA,** 1,010—Alma Lt. & Ice Co.; cost $21,000; no bds.

Owners { O. F. Hare..........Manhattan
{ *Mgr. Geo. D. Page "

2 a. c. W. E, Ft. W. tot. 112½ kw. 2300 v. 3 ph. 60 cys; a. c. day (summer) and nt. ltg. cir. 110 v; a. c. mo. cir 220 v; 125 hp. e. Bates; 200 hp. b. Erie; 50 hp. e. (gas) Intrnl; 10-ton ice plant, York.

City cont. 40 tung. 60 w. $15 per yr; moonlt; coal $2.75.

D G I L S 3 ✠ 125

**ALMENA,** 702—Munic. Elec. Lt. Plant; cost $7,000.

*Mayor, A. Bennie................Almena

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 80 hp. e. (gas) I. H. C., Muncie.

50 city tung. 80 c. p. $7 per yr; mdnt. & 5 A.M; oil; coal $3.56.

G L 3 ✠ 125

**ANTHONY,** 2,669—Munic. Elec. Lt. & Wtr. Plant.

Mgr. W. M. Moore................Anthony
*City Clerk, W. R. Canaan...... "
Ch. Elecn. F. O. Coultas......... "

2 a. c. Burke W. E. tot. 175 kw. 2300-104 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 85 amp. 104 v. 60 cys; a.c. mo. cir. 220 v. 3 ph. 60 cys; 245 hp.e. Ideal, Erie; —hp. b.

11 city arcs G. E; 80 city incs. 75 w; moonlt; coal $1.60.

D L S 3 ★125

**ARKANSAS CITY,** 10,000—Kansas Gas & Elec. Co. For executive officers, see Wichita.

Local Mgr. A. L. Newman. Arkansas City
Cont. Agt. James F. Clough, "
Supt. Edward A. Gray...... "
Engr. Pwr. Sta.
Thomas McAdams........ "

3 a.c. Allis-C. tot. 1050 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c day & nt. mo. cir. 220 v. 3 ph. 60 cys; 450 hp.e. Allis-C; 800 hp. b. Kewanee; 500 kw. stm. turb. Allis C; 1015 hp. turb. (wtr.) Leffel, Allis-C.

City cont. 250 series Mazdas 60 & 80 c.p. $1.15 & $1.45 per mo; all nt; 90 5-lt. standards, Mazdas (1 100-w. & 4 60-w.) $3 per post per mo. top lt. all nt., bottom lts. 11 P. M.; fuel oil 55 cts. per bbl.

D L S W 1 3 ✠ ★125

**ASHLAND,** 910—Munic. Elec. Lt. & Wtr. Plant; bds. $40,000.

Mayor, E. L. Allmon ............Ashland
*¶ Supt. A. W. Hawes............ "

1 a. c. West. 30 kw. 2400-110 v. 3 ph. 60 cys; 1 d. c. F. M. & Co. 75 kw; a. c. day ltg. cir. 220-110 v; 150 hp. e. (gas) F. M. & Co.

3 city arcs a. c. series 6.6 amp. amp; 40 city tung. 100 w; solar oil 3 cts.

D G L 3 ✠ 25

**ATCHISON,** 16,429—Atchison Ry., Lt. & Pwr. Co. (Part of the Illinois Trac. System); cap. $500,000; bds. $750,000; 5 p. c. int.

Pres. W. B. McKinley....Champaign, Ill.
V.Pres.Exec. H.E.Chubbuck..Peoria, Ill.
V. Pres. Geo. M. Mattis..Champaign, Ill.
Sec. E. A. MacNutt.......Montreal, Can.
Treas. W. H. Carnahan..Champaign, Ill.
Asst. Sec. & Asst. Treas.
W. C. Glover....................Topeka
Asst. Gen. Mgr. A. M. Patten..... "
¶ Pur. Agt. H. J. Vance.......Peoria, Ill.
*Gen. Supt. J. W. Waggener....Atchison
Supt. Elecl. Dept.
Cyrus Leland, Jr............... "
Engr Pwr Sta. John Lindsay.. "

3 G. E. rect. tot. 150 lt; 5 a. c. G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E, West. tot. 500 kw. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 600 v; 1100 hp. e. S. C, Ham, Cor; 500 kw. turb. (stm.) G.E; 1000 hp. b. Frmn, Spring.

City cont. 99 lumn. arcs $55.35 per yr. 101 Mazdas 60 c. p. $13.84 per yr.; moonlt; coal $2.07 & $2.32. (Also lts. Troy, Lancester and Effingham.)

C D R S 3 16

**AUGUSTA,** 1,235—Munic. Lt. & Wtr. Plant.

Mayor E. Weidlein...............Augusta
City Engr. Joe R. Switzer....... "
*Supt. & Engr. Pwr. Sta.
W. B. Jones.................... "

2 a. c. West. F. M. & Co. tot. 82½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (18-hr.) ltg. cir. 110 v; a. c. day & nt. (18-hr.) mo. cir 220 v; 125 hp. e. (gas) West. F. M & Co. Gas.

D G L 3 75

**BALDWIN,** 1,386—Munic. Lt. & Wtr. Plant; cost $66,300.

¶Pur. Agt. Waldo Jones..........Baldwin
*Supt. A. W. Kirby............... "
Engr. Pwr. Sta. Wm. Mosley..... "

2 d. c. Tri. tot. 67½ kw. 250 v; 1 a. c. Allis-C. 50 kw. 2300 v. 3 ph. 60 cys; d. c. day & nt. ltg. cir. 110-220 v; d. c. mo. cir. 220 v; 235 hp. e. Olds, Weber (gas).

60 city tung. 250 w. tot. $90 per mo; moonlt. mdnt; gas 20 cts.

C D G L 3 ★125

**BAXTER SPRINGS,** 1,598—Baxter Elec. Lt. & Wtr. Co; cap. auth. $30,000.

*Mgr. E. K. Brown.......Baxter Springs
Supt. Ch. Engr. & Elecn.
E. W. Ward ............ "

2 a. c. Bull. tot. 75 kw. 1100 v. s. ph. 60 cys; no day cir; 90 hp. e. (gas) Miller.

City cont. 6 arcs $75 per yr; 85 incs. 16 c. p. $6 per yr; moonlt. all nt; gas 25 cts.

G L 1 ✠ 16

**BELLE PLAINE,** 849—Munic. Lt. & Wtr. Plant.

Mayor, C. F. Myers..........Belle Plaine
City Clerk, V. E. Herbert... "
*Supt. J. L. Prier............ "
Engr. Pwr. Sta.
F. W. Hitchock........... "

2 a. c. F. M. & Co. tot. 75 kva. 2200 v. 8 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 100 hp. e. (oil) F. M. & Co.
50 city incs. "C" (1-400 c. p., 5-100 c. p., 43-80 c. p. 1-60 c. p.) $12 per yr; moonlt; oil 2¾ cts. per gal.
D G L 1 3 ✠ ★16

**BELLEVILLE**, 2,224—Munic. Wtr. & Elec. Lt. Plant; bds. $20,000.
Mayor, F. L. Wineland.........Belleville
*¶City Clerk, W. G. Schaefer... "
2 a. c. Westg. tot. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 410 hp. e. (oil) Busch-Diesel.
70 city lts. nitrogen 80 c. p; oil.
D G L 1 3 ★16

**BELOIT**, 3,082 — Munic. Lt. & Wtr. Plant; cost $75,000; bds. $75,000.
*¶ Supt. F. A. Darst...............Beloit
1 a. c. Westg. 350 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp, e. Ham, Cor; 300 hp. b. Atlas, Kew.
80 city incs. West. 250 w. 12½ cts. per kw; moonlt; oil $2.46.
D L S 3 ★36E

**BERN**, 450—Bern Elec. Lt. Plant.
*Owner C. W. Walker...............Bern
1 a. c. Warren 60 kw. 2200-1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. (morning, winter months) 110 v. 60 cys; a. c. nt. mo. cir. 220-110 v. s. ph. 60 cys; 65 hp. e. (oil) M. & W; Ideal stm. eng. & Ideal b.
City cont. 8 incs. "C" 400 w. $36 per yr; 12 incs. "C" 100 w. $15.60 per yr; moonlt. 11 P. M.; oil 5.2 cts. per gal.
G L S 1 ✠ 125

**BLUE RAPIDS**, 1,756--The Marshall County Pwr. & Lt. Co.; cap. outstg. $50,000; no bonds.
Pres. E. A. Wharton..........Manhattan
V. Pres. W. E. Ham..............Beattie
Treas. & Gen. Mgr.
B. F. Eyer.....................Manhattan
*¶Sec. & Mgr. J. G. Strong...Blue Rapids
Ch. Engr. H. H. Fenton...... "
Engrs. } R. S. Dickey..... "
Pwr. Sta. } W. Rittenhouse.. "
3 a. c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 600 hp. wtr. wh. McC, Lef.
City cont. 71 Mazdas 100 c. p; moonlt. (Also lts. Waterville and Marysville.)
D L W 3 ✠ ★16

**BUCKLIN**, 696—Munic. Elec. Lt. Plant.
*Clerk, W. R. Gordon............Bucklin
2 a. c. gen. tot. — kw; a. c. day & nt. ltg. cir; 140 hp. e. (gas) Schoef.
100 city tung. 40 w. all nt; oil. Will receive energy from Midland Wtr., Lt. & Ice Co.)
D G L X 125

**BUFFALO**, 850—Buffalo Elec. Lt. & Pwr. Co.
*Pres. H. J. Husskamp, Jr........Buffalo
Sec. Miles E. Carty................ "
L 63

**BURLINGAME**, 1,422—*Munic. Elec. Lt. Plant; cost $18,000.
Supt. C. E. Taylor..............Burlingame
Ch. Engr. W. A. Howe...... "
1 a. c. West. 90 kw. 2300 v. 3 ph. 60 cys; nt. ltg. cir. 110 v; 100 hp. e. Murray; 200 hp. b. Murray.
City cont. 85 series tung. 75 w. 5.5 amp. $1 per mo; moonlt; coal $2.85.
L S 1 23

**BURLINGTON**, 2,180—Burlington Lt., Pwr. & Mfg. Co.; cap. $23,000.
Pres. Wm. Pilcher.............Burlington
¶V. Pres. Treas. & Mgr.
G. H. Wiebe.................. "
*Sec. L. F. Pilcher............Burlington
Engr. Pwr. Sta. Burt Preston.. "
1 d. c. arc T-H 30 lt; 1 a. c. West. 41 amp. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 40 amp. s. ph. 60 cys; 300 hp. e. Atlas, Cor; 200 hp. b. Atlas, Kew.
City cont. 15 arcs 6.6 amp. $72 per yr; incs. 100 w. $24 per yr; mdnt; oil $8; coal $2.82.
L S 1 22

**BURR OAK**, 1,132 — Concordia Elec. Lt. Co. See Concordia.

**CALDWELL**, 2,205—Munic. Elec. Lt. & Pwr. Plant; cost $23,000; bds. $23,000.
*Clerk & Supt. H. W. Baker....Caldwell
Ch. Engr. A. L. Harris......... "
Ch. Elecn. H. M. Chaffin........ "
1 a.c. G.E. 150 kw. 2300 v. 3 ph. 60 cys; 1-75 kw. gen. direct connected; a. c. day & nt. ltg. cir; 200 hp. e. Monarch; 185 hp. b. Atlas.
40 city incs. "C" 350 w. tot. $1,800 per yr; 100 incs. 8 w. and 6000 incs. 5 to 750 w. 10 cts. per kw; moonlt; coal $1.85.
D L S 3 ✠ ★125

**CANEY**, 3,597—Caney Elec. Lt. & Ry. Co.; cap. outstg. $35,000; no bds.
Pres. B. H. Burns..................Caney
V. Pres. Howard Burns............. "
Sec. C. H. Burns..................... "
*¶Mgr. & Cont. Agt. J. E. Miller.. "
Ch. Engr. Bert Abbott............. "
2 a. c. West, Allis-C. tot. 225 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 225 hp. e. Allis C; 160 hp. b; 120 hp. e. (gas) Miller.
City cont. 41 arcs A. B. series 7.5 amp. 2000 c. p. $60 per yr; moonlt; nat. gas 10 cts.
D G L S 1 ✠ ★26

**CANTON**, 684—Munic. Lt. & Pwr. Plant; cost $14,000,
*Supt. W. D. Moore...............Canton
Ch. Engr. Chas. Persinger......... "
2 a. c. West. W. E. tot. 57½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 70 hp. e. (oil) St. Marys.
90 city incs. series 6.6 amp. $12 per yr; moonlt. & hrs; distillate 3 cts. per gal.
D G L 3 125

**CAWKER CITY**, 870—Munic. Elec. Lt. & Pwr. Plant; cap. outstg. $6,000.
*¶Mgr. H. E. Miller.........Cawker City
Energy purchased from Solomon Valley Pwr. Co.; 2 transf. tot. 20 kva; transm. volt. 13,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys.
City cont. 53 series tung. 100 w. $9 per yr.
D L 1 3 ✠ 16

**CENTRALIA**, 665—Munic. Lt. & Pwr. Plant; cost $17,000; bds. $13,200.
*¶ Supt. & Engr. Pwr. Sta.
D. A. Steiner....................Centralia
1 a. c. Ft. W. 50 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 175 hp. e. Strait, Sknr; 160 hp. b. Kew; 125 kw. turb. (stm.) Ft. W.
47 city series Mazdas 200-80-60 w. tot. $80 per mo; coal $3.05. (Also lts. Goffs and Corning.)
D L S 3 ✠ 125

**CHANUTE**, 9,272 — Munic. Elec. Lt. Plant; cost $40,000.
Comr. of Utilities. W. M. Barber,
610 So. Evergreen, Chanute
Sec. & Treas. W. F. Sams
City Hall, "
¶ Pur. Agt. Geo. T. Amyx. " "
*Supt. & Ch. Engr.
W.W.Robb.,319 So.Santa Fe St. "
Engr. Pwr. Sta. C. K. Robb...... "

3 a. c. G. E. tot. 615 kw. 2300 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 860 hp. e. Ball, Ideal; 450 hp. b. Engl; 15 kw. turb. (stm.) Sturt.

150 type "C" city incs. 6.6 amp; moonlt; gas 15 cts. (Contemplate changing to 3 ph. system).
D L S 1 25

**CHAPMAN,** 900—Munic. Wtr. & Lt. Plant; bds. $8,000.
Mayor A. E. Sanborn..........Chapman
City Clk. A. C. Dietz............ "
Treas. R. F. Foley.............. "
*Mgr. D. S. Stromquist.......... "

Purchases energy from Riverside Gas Lt. & Pwr. Co; 3 transf. G. E. tot. 45 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 60 incs. "C" 100 c. p. 7 cts. per kwh; 66 "White Way" incs. "C" 60 c. p. 7 cts. per kwh; moonlt. all nt.
D L 3 ✠ ★26

**CHEROKEE,** 1,452—Home Lt., Ht. & Pwr. Co. See Pittsburg.

**CHERRYVALE,** 4,304—Kansas Gas & Elec. Co. For executive officers, see Wichita.
Supt. C. Hill....................Cherryvale
Engr. Pwr. Sta A D. Vredenburg "

3 a. c. G. E, W. E, West. tot. 300 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 115 v. 60 cys; a.c. mo. cir. 230 v. 3 ph. 60 cys; 450 hp. e. Griffith & Wedge, Cpr; 375 hp. b. Brnl, Kew; 100 hp. e. (gas) West; energy also from Independence; 3 transf. G E. tot. 300 kw.

City cont. 5 arcs 6.6 amp. $67.50 per yr: 175 Mazdas 40-60-80-100 & 250 c. p; all nt; nat. gas 10 cts.
D G L S 3 ✠ 125

**CHETOPA,** 1,548—Munic. Electric Lt. & Wtr. Wks; cost $30,000.
*Mgr. H. A. Finley...............Chetopa
City Clerk, A. R. Bell............ "
¶ Pur. Agt. E. D. Bates.......... "

2 d. c. W. E. tot. 95 kw. 250 v; d. c. nt. ltg. cir. 110 v; 150 hp. e. Erie; 250 hp. b. Erie.

All nt; coal $2.50.
C L S ✠ 75

**CLAFLIN,** 554—Claflin Telephone, Lt. & Garage Co.
*Owner & Mgr. E. R. Ruch..........Claflin
Engr. Pwr. Sta. T. A. Calhoun..... "

2 d. c. Ft. W. tot. 100 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 106 hp. e. (gas) F. M. & Co., Olds; 1 stor. bat. Perfection, S. B. Co. 140 amp. hrs. 110 v.

City cont 36 Mazdas 100 w. $18.34 per yr; 11 P. M.; distillate 3⅛ cts. per gal.
C D G L ✠ 125

**CLAY CENTRE,** 4,000—Munic. Lt. & Wtr. Plant; cap. $90,000: bds. $44,000.
Pub. Utilities Comn.
Chmn. W. C. Williams Clay Centre
Sec. F. B. Fullington "
Mgr. Ltg. Dept. J. W. Pinkerton.. "
*¶ Supt. C. F. Rasmussen...... "
Engr. Pwr. Sta. E. S. Allender.. "

2 a. c. Allis C. (Bull.) tot. 218 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Buffalo; 350 hp. b. Erie.

115 city Mazdas 75 w. moonlt. all nt; 50-5 lt. posts all nt; coal $3.38.
D L S 3 16

**CLEARWATER,** 569—*Munic. Lt. & Wtr. Plant; cost $32,000.
Supt. & Engr. Pwr. Sta.
H. E. Dutton..................Clearwater

1 a.c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 80 hp. (oil) e. Sheffield.

36 incs. series 60 w; moonlt.
G L 3 122

**CLYDE,** 1,057—Concordia Elec. Lt. Co. See Concordia.

City cont. 74 tung. 40 w. $12 per yr; mdnt. every nt.
L ✠ ★16

**COFFEYVILLE,** 12,687—Wtr. & Lt. Dept. (Munic.); cost $150,000; bds. $35,000.
*Supt. C. E. Stromquist.......Coffeyville
Ch. Engr. Pwr. Sta. Wm. Mitchell "

3 a.c. West, Allis-C. tot. 900 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 850 hp. e. Ham; 750 hp. b. Kew; 425 hp. stm. turb. Kerr.

140 city arcs a. c. series 6.6 amp. $36 per yr; 140 white way posts (1 100-w. & 4 60-w.) $18 per post; moonlt; nat. gas 10 cts. (Also lts. So. Coffeyville, Okla.)
D L S 2 25

**COLBY,** 1,130—*Munic. Lt. & Wtr. Plant; bds. $55,000.
Mayor, Simpson Parrott..............Colby
City Clerk, C. V. Parrott........... "
City Treas. D. Furgeson............ "

2 a. c. Ft. W. 125 kw. 2300-110 v. 3 ph. 60 cys; 175 hp. e. Sknr; 200 hp. b. Gem.

6 city arcs Ft. W; 43 tung. 75 w; oil $.0219 per gal.
L S 3 34†

**COLDWATER,** 1,100—Munic. Water & Lt. Dept.; bds. $41,000.
Mayor, J. B. Eaton...............Coldwater
City Clerk, W. F. Baker........ "
*¶Supt. L. A. Baldwin.......... "
Engr. Pwr. Sta. James Small.. "

2 a.c. Ft. W. tot. 130 kw. 2300 v. 3 ph. 60 cys; 1 arc Ft. W. 50 lt; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 180 hp. e. (oil) De L. V.

80 city incs. G. E. 100 c. p. $12.50 per yr. midnt; fuel oil 2½ cts. per gal.
D G L 1 3 ✠ ★16

***COLUMBUS,** 3,064—The Empire District Elec. Co. See Joplin, Mo.
Local Mgr. F. C. Arthur..........Columbus
Engrs. Chas. Bottorp.......... "
R. J. Walker.......... "
Elecn. R. H. Fuller ............ "

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 114 series incs. "C" 50 c. p; 7 series incs. "C" 250 w; all nt; gas 25 cts.
D L S 2 ✠ 36

**CONCORDIA,** 4,415—Concordia Elec. Lt. Co.; cap. outstdg. $140,000; bds. $30,000.
*¶ Pres. & Mgr. L. K. Green...Concordia
V. Pres. L. R. Green .......... "
Sec. & Treas. R. J. Green...... "
Audr. J. N. Gabitt............. "
Engr. Pwr. Sta. C. L. Miller... "

4 a. c. G. E. tot. 1470 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1150 hp. e. Monarch; 625 hp. b. Frost.

City cont; 250 w. lamps $4.50, 100 w. $1.80 and 75 w. $1.35 per mo; moonlt. midnt; coal $2 55. (Also lts. Scottsville, Simpson, Randall, Jewell City, Mankato, Burr Oak, Formose, Courtland, Scandia, Clyde, Aurora, Republic City, Palmer, Lynn, Greenleaf, Washington and Kackley; sells in bulk to Jamestown and Glasco.)
D L S 3 ✠ ★16

**CONWAY SPRINGS,** 1,292—Conway Springs Elec. & Ice Co.; cost $45,000.
*Mgr. D. De Tar........ Conway Springs

2 a. c. G. E, W. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v;

a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; 100 hp. e. G. E; 80 hp. e. (oil) F. M. & Co; 100 hp. b. O'Br.

City cont. 5 arcs enc. 6.6 amp. 400 w. $66 per yr; 23 incs. "B" 6.6 amp. 60 c. p. $12 per yr; 2 incs. "C" 6.6 amp. 600 c. p. $66 per yr; 1 A.M; coal $2.85. (Installing 50 hp. F. M. & Co. engine.)

D G I L S 3 ✣ §114

**COTTONWOOD FALLS**, 899—Home Lt. & Pwr. Co.; cost $25,000.
*¶ Mgr. W. W. Austin. Cottonwood Falls
Engr Pwr. Sta.
F. R. Bowlby........ " "

2 a. c. Ft. W. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Vilter; 290 hp. turb. (wtr.) Leffel; 150 hp. b. Erie.

City cont. 14 series arcs enc. 6.6 amp. $67 per yr; 54 series tung. 60 c. p. $21 per yr; moonlt. all nt; coal $2.78. (Co. also lts. Strong.)

D L S W 3 ✣ 125

**COUNCIL GROVE**, 2,575 — Council Grove Ice, Lt. & Pwr. Co.; cap. $30,000; bds. $30,000.
Pres. G. W. Harlan........Council Grove
*Supt. & Engr. Pwr. Sta.
R. Gilmir................ "

2 a. c. E. M. Co. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. or 3 ph. 60 cys; 250 hp. e. Murray; 260 hp. b. Murray.

City cont. 14 arcs A. B. series 6.6 amps. $84 per yr; 70 incs. series 6.6 amps. $28 per yr: all nt; coal $2.45.

D I L S 1 3 25

**DELPHOS**, 767 — Munic. Wtr. & Lt. Plant; cost $34,000.
Pres. B. R. Moore................Delphos
Sec. J. O. Adams................ "
Treas. J. B. Richards............ "
Cont. Agt. City Council.......... "
*¶ Supt. A. F. Bergman ......... "
Engrs. Pwr. Sta. } E. Minteer............ "
Engrs. Pwr. Sta. } R. Hildebrand........ "

Power from Delphos Milling Co; 1 a.c. Ft. W. 50 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 50 series Mazdas 80 c. p. midnt. moonlt.

D L 3 ✣ ★16

**DODGE CITY**, 3,214—Midland Wtr., Lt. & Ice Co.; cap. outstg. $60,000; bds. $50,000.
Pres. Geo. Theis, Jr.............Wichita
Sec. A. E. Obenhaus..........Dodge City
*¶ Treas. & Mgr. Otto Theis.. "
Ch. Engr. M. D. Leslie........ "
Engr. Pwr Sta. John Vogel... "

1 a.c. G.E. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 325 hp. e. Erie; 400 hp. b. Erie, Kew; also ice plant.

City cont. 5 arcs 6.6 amp. series 1200 c.p. $60 per yr; 103 incs. series 6.6 amp. 32&60 c. p. 62 & 97 cts. per mo; coal $3. (Trans. line to Ford and Bucklin under construction.)

D I L S 1 3 ✣ ★125

**DOWNS**, 1,427—Downs Elec. Lt. & Pwr. Co.; cap. outstdg. $16,600; no bds.
Pres. C. S. Dittman................Downs
V. Pres. F. M. Wells.............. "
Sec. E. L. Getty.................. "
Treas. D. B. Harrison............ "
*¶Mgr. A. G. Blankenship........ "

Purchases energy from Solomon Valley Pwr. Co. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 71 series incs. 6.6 amp. 100 & 75 w. $1.25 & $1 per mo; moonlt.

D L 3 ✣ 125

Solomon Valley Power Co.
*Mgr. D. D. McGuire...............Downs
Ch. Engr. J. R. Starkey........... "
Engr. Pwr. Sta. R. Ewing......... "

1 a. c. G. E. 150 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2400 v. 3 ph. 60 cys; 320 hp. e. Hoover, Ham; 300 hp. b. K-C, Burton; trans. volt. 13,200.

City cont. 154 incs. series "C" 60 & 80 c. p. 6 cts. per kwh; mdnt; oil 75.74 cts. per bbl. (Also distributes in Waconda Springs, Harlan and Cedar; sells energy in bulk in Glen Elder and to Downs Elec. Lt. & Pwr. Co., Cawker City Elec. Lt. & Pwr. Co. and towns of Portis, Gaylord and Kirwin.)

D L S 3 ★26

**ELDORADO**, 3,129 — Kansas Gas & Elec. Co. For executive officers, see Wichita.
Local Supt. F. E. Barr..........Eldorado

2 a. c. Allis-C, Westg. tot. 200 kw. 2400 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 175 hp. e. Murray; 100 hp. e. (gas) West; 300 hp. b. Stir, Erie City; also 25-ton ice plant U. I. Wks. Trans. line to Wichita; 3 transf. G. E. 450 kw.

City cont. 20 a. c. series arcs 6.6 amp. $50 per yr: 70 series tung. 80 c. p. $13 per yr; 162 incs. mult. 48 c. p. $8 per yr; moonlt. all nt; coal $2.75, gas 12½ cts. (Also lts. Benton and Towanda.)

D G I L S 2 3 ★125

**ELLINWOOD**, 976—Munic. Elec. Lt. & Wtr. Plant; cost $43,000.
Clerk,
(Miss) Mildred Bockewohl.. Ellinwood
*¶ Mgr. R. K. Heagler......... "
Engrs. Pwr. Sta. } Walter Ballentyne... "
Engrs. Pwr. Sta. } L. M. Bankson...... "

2 a. c. Allis-C, Ft. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. 3 ph. 60 cys; 200 hp. e. Ideal, Erie; 200 hp. b. Hawkes.

20 city arcs A. B. 6.6 amp. $92 per yr; moonlt; coal $3.30.

D L S 3 ★125

**ELLIS**, 1,404—Munic. Elec. Lt. & Wtr. Plant; cost $45,000; bds. $40,000.
Mayor, I. W. Nicholson...............Ellis
*Supt. Lt. & Wtr. Ray C. Hall....... "
Audr. F. M. Corn..................... "
Engr. Pwr. Sta. E. R. Overstreet.... "

1 a. c. Allis-C. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 112 v; a. c. nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 150 hp. e. Mur; 300 hp. b. Mur.

56 city Tung. a. c. series 5.5 amp. 100 c. p. $18 per yr; 18 tung. 5.5 amp. 250 c. p. $30 per yr; moonlt; oil 98 cts.

L S 1 3 ★125

**ELLSWORTH**, 2,041 — The Peoples Lt. & Ice Plant.
Pres. Mrs. Paul Reaume........Ellsworth
*¶Mgr. & Cont. Agt. T.C. Miller. "
Ch. Engr. A. F. Wall... ...... "

2 a. c. Allis-C. tot. 225 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Allis-C; 250 hp. b. O'Br; 50 hp. e. (gas) F. M. & Co.

City cont. 90 Mazdas; all nt; coal $3.

D G I L S 3 ✣ 16

**EMPORIA**, 9,058—Kansas Electric Utilities Co. General office, 710 Schwind Bldg., Dayton, O. (Successor to Emporia Ry. & Lt. Co., Lawrence Ry. & Lt. Co. and Parsons Ry. & Lt. Co.) (Controlled by Consolidated Utilities Co. and operated by the Albert Emanuel Co.; cap. outs'g. $400,000; bds. $1,150,000.
Pres. Albert Emanuel..........Dayton, O.
V. Pres. Irving Hill.............Lawrence

*Sec. & Treas.
L. A. Pettit, Jr.................Dayton, O.
Mgrs. Albert Emanuel....... “
Mgrs. L. A. Pettit............ “
Cont Agt. W. B. Milligan..... “
Ch. Engr. H. G. Hopkins...... “

3 a. c. G. E, Allis-C. tot. 1010 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day cir. 220-110 v; pwr. cir. 220 v. 3 ph. 60 cys; 600 hp. e. Bckye, Erie; 1000 hp. b. R. & T; 500 hp. stm. turb. Allis-C.

City cont. 16 arcs G. E. 6.6 amp. $72 per yr; 250 series tung. 6.6 amp. $16 per yr; moonlt. all nt; slack $2 30.

D R S 3 ✠ ★16

**ENTERPRISE,** 706—Munic. Ltg. System.
*City Clerk, Jas. Frey.........Enterprise
¶Mgr. & Ch. Engr.
Harry Ehrsam................ “

Energy purchased from Riverside Pwr. & Gas Co., of Abilene 3 ph., at 5 cts. per kwh; a. c. day & nt. ltg. cir. 110 v. 60 cys.

D L 3 §105

**ERIE,** 1,300—Munic. Elec. Lt. Plant; bds. $50,000.
Sec. P. W. Kyle.........................Erie
Treas. C. C. Dutton .................. “
*Gen. Supt. G. A. Orr.................. “
Ch. Engr. P. B. Oliver................. “

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys: a.c. day & nt. (18 hrs.) ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. Sknr; 150 hp b. Brnl; 60 hp. e. (gas) F. M. & Co.

City cont. 6 arcs 450 w; 60 series tung; all nt; gas 15 cts.

D G L S 3 ✠ 75

**EUREKA,** 2,333—Eureka Elec. & Ice Co. (Owned by R. G. Lafite.)
*Mgr. I. W. Roberts..................Eureka
Ch. Engr. C. W. Huffman ......... “
Engrs. Pwr. Sta. W. H. O'Brien......... “
Engrs. Pwr. Sta. R. Swain ............. “

2 a. c. Allis C, G. E. tot. 222 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph 60 cys; 295 hp. e. Fisher, Ham; 300 hp. b. Kew., Erie; 12-ton ice plant.

City cont. 130 incs. “C” 80 & 100 c. p. $19.32 & $14.52 per yr; all nt; coal $2 60.

D I L S 1 3 ✠ ★125

**FORT LEAVENWORTH,** 2,000—Leavenworth Lt., Ht. & Pwr. Co. See Leavenworth.

**FT. RILEY,** 2,300–Union Lt. & Pwr. Co. See Junction City.

**FORT SCOTT,** 10,463—Fort Scott Gas & Elec. Co ; cap. $350,000; bds. $350,000. (Controlled and operated by The Light & Development Co. of St. Louis. Mo.)
Pres. Jno. E. McKinney..New York, N.Y.
V. Pres. R. E. L. Winter...St. Louis, Mo.
Sec. E. C. Gates.....................Fort Scott
Mgr. A. L. Abington............ “
Cont. Agt. H. B. Newman..... “
¶ Pur. Agt. H. W. Beck ...St. Louis, Mo.
Engr. Pwr. Sta. S. W. Abington, Ft. Scott

3 d. c. arc G. E. 150 lt; 3 a. c. G. E. 1200 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 300 hp. e. Ham, Cor; 1300 kw. stm. turb. G. E; 900 hp. b. Heine; also stm. htg.

City cont. 155 magn. arcs G. E. 6.6 amp. $60 per yr; moonlt; slack $2.

C D H R S 1 3 ✠ 74

Fort Scott & Nevada Lt., Ht., Wtr. & Pwr. Co. See Nevada, Mo.

**FRANKFORT,** 1,426—Frankfort Lt. & Pwr. Co.; cost $22,000.
*Owner, F. C. Dwinnell........Frankfort

2 a. c. Ft. W. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v: 160 hp. e. Ideal; 200 hp. b. Kew.

City cont. 4 arcs A. B. 6.6. amp. $80 per yr; 41 tung. 60 w. $22.60 per yr; moonlt; all nt; coal $3. (Also lts. Vermillion; ice plant under construction).

D I L S 3 ✠ 25

**FREDONIA,** 3,040—Fredonia Ice & Lt. Co.; cap. $40,000; no bds.
*¶Pres. & Mgr. J. F. Hollis.....Fredonia
V. Pres. B. S. Pauline............ “
Sec. W. G. Fink..................... “
Treas. C. H. Pierce................. “
Engr. Pwr. Sta. W. H. Parsons.. “

2 a. c. West. tot. 300 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. 110-220 v. s. & 3 ph. 60 cys; 150 hp. turb. (stm.) West; 575 hp. b. Kew.

City cont. 85 type “C” incs. 100 c.p. $20 per yr; moonlt; gas 12½ cts.

D I L S 3 ✠ 16

**FRONTENAC,** 3,400—Home Lt., Ht. & Pwr. Co. See Pittsburgh.

**GALENA,** 6,096—The Empire District Elec. Co. See Joplin, Mo.
Supt. C. M. Halliwell...............Galena

Energy from Joplin, Mo.; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 109 incs. “C” 75 w. (76), 100 w. (17) and 250 w. (16); all nt.

D L 3 ✠ 36

**GARDEN CITY,** 3,500—Garden City Tel., Lt. & Mfg. Co. Cap. $118,000.
Pres. F. R. Marsh......Colo. Spgs., Colo.
¶ Sec., Treas. & Mgr. C. E. Marsh, Garden City
*Engr. Pwr. Sta. C. F. Thomas “

2 a. c. E. M. Co. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. 60 cys; 100 hp. e. Murray; 125 hp. e. (oil) De La V; 170 hp. b. Brnl; also stm. htg. Coal $3.85; oil 2¼ cts.

D G H L S 3 ✠ ★125

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Munic. Lt., Pwr. & Wtr. System.
*¶Supt. V. E. Rockefeller....Garden City
Engr. Pwr. Sta. Geo. Abbott “

2 a. c. Ft. W. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. e. Griscom Russell; 450 hp. b. Kewanee, Bromich.

280 city incs. mult. 60 & 100 w. & series 100 c.p; all nt; coal $3.15.

D L S 1 3 ✠ 125

**GARNETT,** 2,334—Munic. Elec. Lt. Plant.
Supt. C. B. De Tar.....................Garnett
*Engr. Pwr. Sta. Anthony Britton “
Ch. Elecn. L. Baldwin.............. “

2 a. c. Ft. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a.c nt. ltg. cir; 275 hp. e. Beck, Ham, Cor; 130 hp. b. Kew, Atlas.

City cont. 6 arcs W. E. 450 w. $43.92 per yr; 74 tung. 40 w. $18 per yr; moonlt. mdnt; coal $1.50.

I L S 3 ✠ ★125

**GAS,** 1,000—Iola Elec. R. R. Co. See Iola.

**GAYLORD,** 308—Munic. Ltg. System. Purchases energy from Solomon Valley Pwr. Co.

L §16†

**GENESEO,** 566—Munic. Elec. Lt. & Pwr. Plant. (City purchased property of Geneseo Elec. Lt. & Pwr. Co.)
*Mgr. Chester Norman...........Geneseo

1 d. c. North. 25 kw. 250 v; d. c. nt. ltg. cir. 220 v; 25 hp. gas e. I. H. C.

City cont. 30 Mazdas series 100 w. $8 per yr; moonlt; midnt; oil 8 cts. & gasoline 16 cts.
C G L ✣ 125

**GIRARD**, 2,446—*Munic. Elec. Lt. & Wtr. Wks.; bds. $30,000.
*City Clerk, E. R. Walker.........Girard
Supt. E. B. Parker.................. "
Engr. Pwr. Sta Robt. Sharp....... "
2 a. c. West, Ft. W. 400 kw. 2300 v. 2 ph. 60 cys; 1 arc W. E. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 550 hp. e. Quincy, Allis-C; 450 hp. b. Penn.
City cont. 143 incs. "C" 100 w. $6.70 per yr; moonlt. all nt; coal $1.60.
D L S 2 ★125

**GLASCO**, 720—Munic Elec. Lt. Plant; bds. $25,000.
*Mgr. & Supt. C. E. Halderson....Glasco
Purchases energy from the Concordia Elec. Lt. Co. trans. volt. 13,200 v; 3 transf; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 3 ph. 60 cys.
22 city arcs 75 w. 12½ cts. per kw. hr; moonlt. mdnt.
D L 3 ✣ 125

**GOODLAND**, 1,993—Goodland Lt. & Pwr. Co; cap. $50,000; bds. $30,000.
Pres. R. W. Hanington.....Denver, Colo.
*¶V. Pres. Mgr. & Engr. Wm. H. Frazier, Goodland
Sec. & Treas. H. Hanington, 204 Boston Bldg., Denver, Colo.
3 a. c. Natl. Ft. W. tot. 200 kw. 2200 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 220-110 v. 60 cys; 165 hp. e. Chuse; 250 hp. b. Kew; 70 hp. e. (oil) Muncie.
City cont. 18 arcs 7.5 amp. $120 per yr; 3600 com. incs; all nt; oil $2.27.
L S 1 ✣ 125

**GREAT BEND**, 4,622—The Great Bend Wtr. & Elec. Co. (Controlled and operated by The Interstate Electric Corpn., 141 Broadway, New York, N. Y.); cap. outstg $100,000; bds. $26,000.
Pres. C. V. Brinkman........Great Bend
¶V. Pres., Mgr. & Cont. Agt. J. R. Murphy................ "
Sec. F. V. Russell............. "
Treas. A. E. Fitkin.....New York, N. Y.
Engr. Pwr. Sta. Fred. C. Clark..Great Bend
2 a. c. W. E, G. E. tot. 400 kw. 2200 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 2200-220-110 v. 3 ph. 60 cys; 650 hp. e. Bckye; 660 hp. b. H. S. & G, Erie; 390 kva. e. (oil) McI. & S.
City cont. 2 arcs series 475 w. $96 per yr; 7 arcs nitro. 368 w. $96 per yr; 109 series nitro. 50 w. $10.80 per yr; moonlt; oil $1.53 per bbl. (Co. sells energy to Hoisington Elec. & Ice Co.)
D L S 1 3 ✣ 125

**GREENSBURG**, 1,199—Munic. Elec. Lt. Plant; cap. $20,000; bds. $20,000.
Mayor, A. W. Hershberger...Greensburg
Clerk, J. W. Pennington..... "
Treas. J. O. Sparling.......... "
*Supt Ross Perry............ "
2 a. c. West. tot. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 110 hp. e. (gas) Shef.
200 city series incs. 100 w. $6 per yr; moonlt. Distillate 3½ cts. per gal.
D G L 3 94E

**GYPSUM**, 623—Gypsum Lt. & Pwr. Co.; cost $13,500.
Pres. R. O. Keys....................Gypsum
*Mgr. J. F. Keys.................... "
1 a. c. F. M. & Co. 35 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (5 A. M. to midnt.) ltg. cir. 110 v; a c. mo. cir. 220-110 v; 80 hp. e. (oil) F. M. & Co. St. Mary's.
City cont. 25 tung. 60 c. p. $20 per yr. midnt; oil 2½ cts. per gal.
D G L 3 ✣ 25

**HALSTEAD**, 1,004—Kansas Gas & Elec. Co. See Wichita.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys.
City cont. 41 tung. 80 w. $23 per yr; all nt.
D L 1 3 125

**HANOVER**, 1,039—Munic. Elec. Ltg. System; cost $12,000.
*Supt. & Ch. Elecn. J. G. Granzer. Hanover
Energy purchased from Hanover Roller Mills at 4½ cts. per kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
D L 1 ✣ 16

**HARPER**, 1,638—*Munic. Elec. Lt. Plant; cost $20,000; bds. $10,000.
Pres. W. G. Muir.................Harper
Sec. A. E. Crocker................ "
Treas. Marcel Duphorne.......... "
Supt. A. M. Carter................ "
Ch. Engr. V. A. Haskins.......... "
Engr. Pwr. Sta. E. Tungate....... "
2 a. c. G. E, W. E. tot. 170 kw. 2200-110 v. 3 ph. 60 cys; a. c. day cir; 300 hp. e. Ideal; 300 hp. b. Eng.
Oil.
D L S 3 14

**HARTFORD**, 589—Hartford Lt. & Pwr. Co. Office, 516 Merchant St., Emporia, Kas.
*Owner, W. W. Finney..........Emporia
Energy purchased from Emporia Sta. of the Kansas Elec. Utilities Co; trans. volt. 6600 v; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. (Also lts. Neosho.)
D L X §95

**HAVEN**, 528—Haven Elec. Lt. & Ice Co.; cost $5,000.
*Owners { W. H. Koch..............Haven
W. T. Wisecup.......... "
2 d. c. W. E. tot. 70 kw. 125 v; d. c. nt. ltg. cir. 110 v; 150 hp. e; 150 hp. b; ice plant.
City cont. 50 Mazdas 60 w. $12 per yr; moonlt; gas.
C I L S ✣ 125

**HAYS**, 1,961—Hays Elec. Lt. Co.; cost $27,000.
*¶ Mgr. & Supt. F. I. Rea............Hays
Engr. Pwr. Sta. G. Mauer............ "
1 a. c. West. tot. 75 kw. 2300 v. 3 ph. 60 cys; 1 arc West. 15 kw; a. c. nt. ltg. cir. 110 v. 60 cys: a. c. mo. cir. 110 v. s. ph. 60 cys; 75 hp. e. Ham; 200 hp. b. Erie.
City cont. 2 series arcs 350 c. p. $78 per yr; 51 series tung. 40 c. p. $19.20 per yr; moonlt, all nt; oil $1.23 per bbl.
L S 3 ✣ 23

**HERINGTON**, 3,273—Munic. Wtr. & Lt. Plant; bds. $73,000 at 5½ per cent.
Mayor, Dr. W. M. Koons......Herington
Treas. H. H. Myers............. "
*Supt. E. J. Wolcott........... "
Ch. Engr. Pwr. Sta. Henry York "
3 a. c. W. E. tot. 375 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 575 hp. e. Erie, Skinr; 300 hp. b. Erie.
City cont. 45 W. E. series arcs 2500 c. p. 6.6 amp. $60 per yr; 45 tung. 250 w. $45 per yr; moonlt. all nt; coal $3. (Sells energy to Town of Hope.)
D L S 3 ✣ 125

**HIAWATHA**, 2,974—Munic. Elec. Lt. Plant; cost $25,000.
*Supt. V. L. Dawson...........Hiawatha
Engr. Pwr. Sta. F. C. Portzline "
1 a. c. Ft. W. tot. 75 kw. 2200 v. 60 cys; 1 d. c. arc G. E. 50 lt; no day cir; 100 hp. e. Murray; 200 hp. b. Murray.
43 city arcs; 300 Mazdas; moonlt. 12.30 P. M; oil $2.80 per 100 gal.
L S X 114E

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Hiawatha Lt., Pwr. & Ice Co.; cap. $40,000.

Pres. F. N. Morrill................Hiawatha
V. Pres. C. W. Wellcome...... "
*¶Sec., Mgr. & Supt. R. H. Love "
Treas. C. D. Lamme........... "
Engrs. Pwr. Sta. { R. McGee.. "
Orrin Foster "

2 a. c. W. E. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 200 hp. e. Sioux City, Sknr; 300 hp. b. Kew; 20 ton ice plant (York).

Oil 85 cts. per bbl. (Sells in bulk to City of Robinson.)

D I L S 1 3 ✠ 25

**HIGHLAND,** 763—Home Telephone & Elec. Co.; cost $18,000.
*Owner & Mgr. W. V. Warner. Highland

4 d. c. W. E. tot. 40 kw. 220 v; d. c. nt. ltg. & mo. cir. 110 v; 65 hp. e. (oil) M. & W, Foos.

City cont. 62 Mazdas "B" 60 w. $12 per yr: moonlt; oil 2.15 cts. per gal.

C G L ✠ 75

**HOISINGTON,** 1,975—The Hoisington Elec. & Ice Co. Office, Great Bend. (Controlled and operated by The Interstate Elec. Corpn., 141 Broadway, New York, N. Y.); cap. outstg. $25,000; bds. $25,000.
Pres. C. V. Brinkman..........Great Bend
*¶ V. Pres., Mgr. & Cont. Agt.
J. R. Murphy.................Hoisington
Sec. F. V. Russell..............Great Bend
Treas. A. E. Fitkin......New York, N.Y.
Supt. J. H. Jerrells.............Hoisington
Ch. Engr. Pwr. Sta. A. L. Sellers "

Energy purchased from Great Bend Wtr. & Elec. Co.; trans. 16,500 v. 3. ph. 60 cys; 2 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 35 hp. e. Cor; 300 hp. b. C. & H; 10-ton ice plant (York).

City cont. 42 posts 1-lt. series, 12 all nt. $38.40 per yr. & 30 mdnt. $28.80 per yr; 59 nitro. lamps 42 w. $15 per yr; all nt; coal $3.50.

D I L S 3 ✠ ★16

**HOLTON,** 2,842 — Munic. Elec. Lt. & Wtr. Wks; cost $150,000.
Treas. Walter L. Wilson...........Holton
*Supt. & City Engr. Jas. D. Fowler "
Engr. Pwr. Sta. M. L. Monrose... "

3 a. c. Ft. W, West. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; — hp. e. Sknr. Mur; 450 hp. b. Atlas.

150 city series incs. and 60 mult. incs. moonlt. mdnt; coal $3.

D L S 1 3 ★16

**HOPE,** 567—Munic. Elec. Lt. Plant.
*Supt. & Mgr. G. M. Lucas...........Hope

Buys current from Munic. Wtr. & Lt. Plant, Herington; trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

52 city tung. 40 to 80 c. p; moonlt. 12.30 A. M; 12½ cts. per kw.

D L 3 ✠ 125

**HORTON,** 4,500—Munic. Water & Lt. Dept.; cost $140,000.
Mayor, J. F. Bailey..................Horton
*¶ City Clerk (Supt.) W. W. Wood. "
Ch. Engr. G. A. Strait............. "

2 a. c. Bull. Allis-C. tot. 325 kva. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 290 hp. e. Bckye, Skinr; 300 hp. b. Erie.

City cont. 115 series tung. 75 w. $100 per mo; moonlt. mdnt; fuel oil 96 cts. for 42 gal. (Trans. to Whiting.)

D L S 1 3 125

**HUMBOLDT,** 2,328 — The Humboldt Mill & Pwr. Co; cap. $29,800.
Pres. Andrew L. Pringle...............Rose
V. Pres. Mrs. Emma Pringle.......... "
*Sec. Nan McGrew................Humboldt
Treas. & Mgr. W. P. McGrew.. "

1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 200 v. 2 & 3 ph. 60 cys: 150 hp. e. Barney & Kilby; 300 hp. b; 150 hp wtr. wheel Lef.

City cont. 96 incs. 80 c. p. $16 per yr; all nt; natural gas 12 cts.

D L S W 2 3 ✠ 125

**HUTCHINSON,** 16,364 — United Wtr. Gas & Elec. Co. (Controlled by Cities Service Co., 60 Wall St., New York, N. Y.); cap. $1,050,000; bds. $899,500.
Pres. Henry L. Doherty..New York, N.Y.
V. Pres. A. C. Malloy.........Hutchison
Sec. & Treas. Walter Grundy. "
*Gen. Mgr. J. F. Springfield... "
Supt. James Holt..... ...... "
Ch. Engr. F. O. Swenson...... "

3 a. c. Allis-C, G. E. tot. 8000 kw. 2200 v. 2 ph. 60 cys; 3 rot. conv. West G. E. tot. 700 kw; 2 mo-gen. Ft. W. G. E. tot. 250 kw; a. c. day & nt. ltg. cir. 115 v; a. c. & d. c. day & nt. mo. cir. 220 v; d. c. day & nt. ltg. cir. 110 v; 8000 kw. stm. turb. Allis-C. G. E; 2112 hp. b. Bab. & W.

City cont. 150 series arcs $65 per yr; 75 tung. 60 w. $18 per yr; all nt; oil $1.08 per bbl. (Sells energy in bulk to Nickerson and South Hutchison and to Hutchinson Interurban R.R. Co. and Arkansas Valley Inter. Ry.)

C D L S 2 125

**INDEPENDENCE,** 10,480 — Kansas Gas & Elec. Co. See Wichita.
Mgr. W. R. Murrow........Independence
Cont. Agt. L. F. Strait..... "
Engr. Pwr. Sta. J. J. Hill.. "
Ch. Elecn. J. A. Maskrod.. "

4 a. c. G. E, Elec. Mch. Co. tot. 1105 kw. 2300 v. 3 ph. 60 cys; 1 G. E. rect. 50 lt; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 216 v. 3 ph. 60 cys; 1105 kw. e. (gas) Snow, West, Strait.

City cont. 42 G. E. magn. arcs 320 w. $66 per yr; 117 Mazdas 60-80-100-250 & 400. c. p. $15, $17, $20, $35 & $45 per yr; all nt; nat. gas 10 cts. (Trans. line to Cherryvale.)

D G L 3 ✠ 125

**IOLA,** 9,032—Munic. Wtr. Light and Pwr. Plant: bds. (lt.) $10,000.
*Comr. Pub. Utilities (Mgr.)
C. E. Stebbins.......................Iola
¶ Pur. Agt. C. M. Thompson.......... "
Supt. & Ch. Engr. T. R. Bartlett..... "
Engr. Pwr. Sta. R. C. McConnell.... "

2 a. c. Allis C. tot. 925 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 75-lt; a. c. day & nt. ltg. cir. 104-108 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 1100 hp. e. Allis C. Strait; 750 hp. b. Heine.

60 city arcs A. B. 6.6 amp; 75 incs. 450 w; moonlt; gas 10 cts. (Also lts. Bassett.)

D L S 3 75

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Iola Elec. R. R. Co.; cap. $150,000.
Pres. G. W. Baumhoff...........St. Louis
*V. Pres. & Gen. Mgr. L. E. Lanigan. Iola
Engr. Pwr. Sta. A. G. Paugh........ "

3 d.c. Walker West. tot. 500 kw. 550 v; 790 hp. e. Ridg. Rus; 500 hp. b. Heine. (Co. does ltg. in Gas and La Harpe & furnishes energy for fans & motors.)

C R S ✠ 125

**JAMESTOWN,** 462—Munic. Elec. Lt. & Wtr. Plant.
Mayor, John Kelly..............Jamestown
*Supt. Lt. & Wtr
H. W. Van Denbark........ "

Purchases current from Concordia Elec. Lt. Co. 5cts. per kw; 2200 v. s. & 3 ph. 60 cys; a. c. day ltg. cir. 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys.

80 city tung. 100 w.

D L 1 3 ✠ 75

**JUNCTION CITY,** 5,598—Union Lt. & Pwr. Co; cap. $450,000; bds. $376,000.
Pres. & Mgr. F. E. Tyler,
Scarritt Building, Kansas City, Mo.
V. Pres. & Treas.
R. O. Thomen............Junction City
Sec. T. G. Kennedy ....... "
*¶ Supt. & Cont. Agt.
W. A. Scothorn............ "
Engr. Pwr. Sta.
F. J. Lochtrog........... "

2 a. c. West. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230 v; 1 d. c. West. 200 kw. 600 v; 750 kw. stm. turb. Allis-C.; 1100 hp. b. Bonus Frmn; also ice plant.

City cont. 16 arcs 7.5 amp. $72 per yr; 180 series incs. 7.5 amp. 40 c. p. $18 per yr; all nt; slack $2.26. (Co. also lts. Ft. Riley.)
C D I R S 3 ✠ 125

**KANSAS CITY,** 82,331—Standard Elec. Lt. Co. (Absorbed Consolidated Elec. Lt. & Pwr. Co.) (Affiliated with the Kansas City Elec. Lt.Co. See Kansas City, Mo.)
*Local Mgr. M. T. Flynn.....Kansas City

Energy from Kansas City Elec. Lt. Co. of Missouri. (Trans. to Rosedale.)
L 16

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Munic. Elec. Lt. Plant; cap. $550,000.
Comr. L. H. Chapman........Kansas City
Sec. & Treas. E. J. Bannon.. "
Cont. Agt. & Elec. Engr.
F. E. Williams.............. "
*¶ Pur. Agt. Chas. Lovelace. "
Supt. David Douglas........ "
Engr.Pwr.Sta. Wm.E.Sexton "

3 a. c. Allis-C. tot. 4500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-6600 v. 3 ph. 60 cys; 4600 kw. stm. turb. De L, Allis-C; 2950 hp. b. Bonus, B. & W, Heine; 2550 hp. e. Worth, Strait, Monarch, Allis.

City cont. 413 arcs Stave flam. 10 amp. $55 per yr; 273 tung. series 100 w. $12 per yr; all nt; coal $2.25 per ton, oil 88 cts. per bbl.
D L 3 14

**KINGMAN,** 2,570—Munic. Lt. & Pwr. Plant; bds. $45,000.
Comr. Utilities Chas. Fowler. ..Kingman
City Clerk (Cont. Agt.)
Geo. A. Howe................. "
*Supt. J. R. Hamilton.......... "
Ch. Engr. Pwr. Sta. L. E. Craig "

2 a. c. G. E. tot. 245 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Rus; 300 hp. b.

Fuel oil.
D L S 3 ✠ 75

**KINSLEY,** 1,547—Kinsley Elec. Lt. & Pwr. Co.
*Owner & Mgr. A. L. Moe.......Kinsley
Supt. Ed. G. Peterson............. "

3 a. c. Ft. W., F. M. & Co. tot. 190 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 282 hp. e. (gas) F. M. & Co.;

City cont. 115 Mazdas 40 c. p. & 50 c. p. $15 per yr; mdnt. moonlt; oil 4 cts. per gal.
D G L 3 ✠ 16

**KIOWA,** 1,520—Munic. Elec. Lt. & Wtr. Plant; cost $75,200.
*Gen. Supt. A. Jones.................Kiowa
Ch. Engr. E. E. Snoderly...... ... "

2 a. c. West. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 160 hp. e. Erie; 150 hp. b. Erie; 120 hp. e (oil) Diesel.

City cont. 30 arcs West; moonlt; coal $2.75 & oil 2 cts. per gal.
D G L S 3 75

**KIRWIN,** 586—Munic. Ltg. System. Purchases energy from Solomon Valley Pwr. Co.
L §16†

**LA CROSSE,** 806—*La Crosse Ice & Lt. Co.
Owner R. M. Wilson..............Eureka
Engr. Pwr. Sta. Henry J.Willis.La Crosse

1 a. c. G. E. 90 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 160 hp. e. Mur, Cor; 180 hp. b. Eng.

Oil 2¼ cts. (Will install 10-ton ice plant.)
I L S 1 ✠ 35

**LA HARPE,** 1,600—Iola Elec. R.R. Co. See Iola.

**LARNED,** 2,911—Munic. Lt. Plant. (City purchased Elec. Lt. Dept. of C. W. Smith Elec. & Ice Co.)

a. c. day & nt. ltg. & mo. cir. (New plant under construction.)
D L X ✠ ★26

**LAWRENCE,** 12,374—Kansas Electric Utilities Co. For executive officers, see Emporia.
Local Mgr. J. T. Skinner.......Lawrence

Buys energy from Bowersock Mills & Pwr. Co; a. c. day & nt. ltg. cir. 115-112 v. and 112-108 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 141 arcs 425 w. $72 & $48 per yr; 75 tung. 100 w. $2 per yr; midnt.
D R 1 3 ★16

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Bowersock Mills & Pwr. Co.
Owners { J. D. Bowersock.......Lawrence
*¶Mgr. R. C. Jackman "

2 a. c. G. E, Bull tot. 840 kw. 2300-440 v. 3 ph. 60 cys; 750 kw. turb. (stm.) G. E; 1550 hp. turb. (wtr.) Leffel, Allis-C; 600 hp. b. —— ; 300 amp. stor. bat. E. S. B. 600 v; oil 85c. per bbl. (Co. sells energy to Kansas Electric Utilities Co.)
T W 3 125

**LEAVENWORTH,** 19,363—Leavenworth Lt., Ht. & Pwr. Co. (Controlled by the United Gas & Electric Co., 61 Broadway, New York); cap. $600,000; bds. $675,000.
Pres. S. J. Dill.........New York, N. Y.
Sec. & Treas.
Henry Morgan........ " "
Asst. Sec. & Asst. Treas.
Lloyd S. Purcell...........Leavenworth
Mgr. C. S. Emmert........... "
Supt. E. G. Stickey.......... "

2 d. c. G. E. tot. 150 kw. 125 v; 2 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. pwr cir. 220 v; 1200 hp. e. F. & S; 1900 hp. b. Munoz, Stir; 500 kw. stm. turb. Westg.

City cont. 130 arcs, 450 w. $70 per yr; 193 Mazdas 40 w. $14 per yr; all nt; coal $1.45. (Co. also lts. Ft. Leavenworth.)
C D L S 3 35

**LEBANON,** 731—Munic. Lt., Wtr. & Pwr. Plant; cost $20,000; bds. $18,000.
Mayor, S. Bell.........................Lebanon
City Clerk, F. Brady............... "
City Treas. C. B. Winnegar...... "
*¶Supt. & Cont. Agt. H. W. Cox. "
Ch. Engr. Frank Meek........... "

2 a. c. F. M. 75 kva. 2200 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220 v. s. & 3 ph. 60 cys; 100 hp. e. (oil) F. M.

40 city incs series 6.6 amp. 100 w; 16 3-lt. standards (1-100 w, 2-60 w. mnlt.); distillate 4 cts. per gal. (Comtemplates installing additional equipment and extending service to South Lebanon.)
D G L 1 3 ✠ ★125

**LECOMPTON,** 414—Munic. Elec. Lt. Plant.
*City Clerk, Geo. W. Connell.Lecompton
1 d. c. Strelinger 115 v; d. c. nt. ltg. cir. 110 v; —— hp. e. (gas) Strelinger.
30 city Tung. 60 w; moonlt; gasoline.
C G L 125

**LIBERAL,** 1,716--The Liberal Lt., Ice & Pwr. Co.; cap. $45,000; no bds.
*¶Pres. Mgr. & Cont. Agt.
H. W. Magruder..................Liberal
V. Pres. E. F. Walker..........McPherson
Sec. & Treas. Henry A. Walker "
Engr. Pwr. Sta. W. R. Brown......Liberal
2 a. c. W. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. Mur; 300 hp. b. Mur; (also 20 ton ice plant.)
City cont. 60 incs. series 100 w. $30 per yr; all nt; coal $4.
D I L S 3 ✣ 125

**LINCOLN,** 1,508—Munic. Lt. & Wtr. Plant; cost $50,000; bds. $46,500.
Mayor, E. S. Bower...............Lincoln
City Clerk C. H. Berry............. "
City Treas. Elias Rees............. "
*¶Mgr., & Cont. Agt. A. W. Seng "
Ch. Engr. W. A. Metzger.......... "
Engr. Pwr. Sta. Thos. Maher...... "
2 a.c. West. tot. 125 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 108-112 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 200 hp. e. Ide; 220 hp. b. Brnl.
72 city incs. nitrogen 100 c. p. & 250 c. p; moonlt; coal $4.05.
D L S 1 2 ★125

**LINDSBORG,** 1,939 — Munic. Wtr. & Elec. Lt. Plant; cost $70,000; bds. $49,500.
Mayor, Dr. H. G. Johnson....Lindsborg
City Clerk, Andrew Monson... "
*¶Supt. & Ch. Elecn.
M. H. Blaine................. "
Engr. Pwr. Sta. J. W. Bishop.. "
2 a. c. West, Ft. W, tot. 250 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo.cir. 220-110 v. s. & 3 ph. 60 cys; 300 hp. e. Ham, Straight; 180 hp. b. Atlas.
City cont. 35 arcs A. B. $42 per yr; 28,000 tung; moonlt; oil 78 cts.
D L S 1 3 ✣ 75

***LOWELL,** 156—Empire District Elec. Co. See Joplin, Mo.

**LUCAS,** 573—Munic. Lt. & Wtr. Plant; cost $38,000; bds. $30,000.
¶ Mayor, G. M. Cook...............Lucas
Clerk, C. F. Barr................... "
Treas. H. W. Wilcox................ "
*Supt. & Engr. Pwr. Sta. F. O. Barr "
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v. 60 cys; 50 hp. e. (oil) F. M. & Co.
84 city Mazdas 6.6 amp. 100 w; distillate oil 2⅜ cts. per gal.
G L 3 25

**LYNDON,** 763 — Osage County Lt. & Pwr. Co. Office, Lyndon; cap. $7 500; no. bds.
*Pres. L. T. Hussey..............Lyndon
V. Pres. W. H. Tyner ............. "
Sec. B. D. Hurst.................. "
Treas. H. H. Kiehl............... "
Purchases energy from City of Lyndon and delivers it in bulk at city limits of Melvern and Quenemo; 66,000-2200 v s. ph. 60 cys.
T 1 15†

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Munic. Elec. Lt. Plant.
Engr. Pwr Sta. Roy W. Wright..Lyndon
1 a.c. West. 75 kw. 2200 v. s ph. 60 cys; a.c. nt. ltg. cir. 110 v; a.c. mo. cir. 220-110 v. s. ph. 60 cys; 120 hp. e. (oil) Busch Sulzer Diesel.
22 city lts. 250 c. p; 60 tung. 100 c. p; moonlt; oil $1 per bbl. of 42 gals. (Sells in bulk to Osage County Lt. & Pwr. Co.)
G L 1 ✣ 16

**LYONS,** 2,071—Lyons Elec. & Mfg. Co; cost $35,000.
Owner, Geo. A. Monroe..............Lyons
*¶ Mgr. Cont. Agt. & Supt.
Dwight Chapin, Jr............... "
2 a. c. West. tot. 200 kw. 2200 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Skinr, Chuse; 200 hp. b. Kew.
City cont. 53 incs. 100 w. all nt. $2 per mo; 48 incs. 100 w. mdnt. $1 per mo; 24 incs. 150 w. all nt. $3 per mo; slack $2.50.
D L S 3 125

**McCUNE,** 800—Munic. Elec. Lt. Plant; cost $12,000; bds. $8,000.
Mayor, W. E. Gregg..............McCune
Lt. Com. D. A. Walker.. ..... "
L. Stankey............ "
L. E. Wilson.......... "
*Engr. Pwr. Sta. B. F. Shannon "
2 a.c. Ft. W, G. E. tot. 87½ kw. 2300 v. 3 ph. 60 cys; a. c.nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 95 hp. e. (oil) Muncie.
City cont. 53 tung. and nitrogen series 250-100 w; all nt; petroleum $2.80 per hundred gals.
G L 1 3 ✣ ★16

**McLOUTH,** 571— Moxley & Co. See Oskaloosa.
Trans. 6600 v.
City cont. 30 incs. series tung. 40 & 60 w. 200 c. p. tot. $4,800 per yr; moonlt; coal.
L ✣ 113

**McPHERSON,** 4,057—Munic. Elec. Lt. & Wtr. Works; bds. $68,000.
City Clerk (Audr.)
Ellen Lundstrom...........McPherson
Audr. Fred Jackson.......... "
*¶Mgr. Arthur Groesbeck.... "
Ch. Engr. Henry Fox......... "
2 a. c. Allis-C. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-230 v; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys; 400 hp. e. Strait; 300 hp. b. Kew; also stm. htg.
325 city incs ."C" 5.5 & 6.6 amp. 3 cts. per kwhr; moonlt. & all nt. "White Way"; slack $2.40.
D H L S 1 3 ★16

**MADISON,** 721—Munic. Lt. & Wtr. Plant; bds. $35,000.
*Mayor, J. T. Braddock.........Madison
Supt. & Engr. Pwr. Sta.
Harry Coburn................. "
1 a. c. West. 50 kva. 2200 v. 3 ph. 60 cys; no day cir; 65 hp. e. (oil) D.L.V.
62 city incs. series 100 w; oil 2 cts. per gal.
G L 3 ✣ 34

**MANHATTAN,** 5,722—Manhattan Ice Lt. & Pwr. Co.
Owner & Pres. John F. Vail. Pueblo, Col.
Sec. & Treas. E. D. Spruill.. " "
*¶ Mgr. & Cont. Agt.
E. A. Wright...............Manhattan
Supt. of Const. John Anderson "
Engr. Pwr. Sta. W. E. Weber. "
1 a. c. West. 350 kw. 2300 v. 3 ph. 60 cys. a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys. 225 hp. e. Bates, Erie; 350 kw. turb. Wess; 450 hp. b. Erie; ice plant (York). Alst; purchases energy from Rocky Ford Milling & Pwr. Co.
City cont. 8 arcs W. E, 450 w. 6.6 amp. $80 per yr; 200 incs. series tung. 6.6 amp. 75 w. $20 per yr; 42 5-lt. posts (1-100 w. & 4-60 w.) $36 per post per yr; all nt; coal $3.40.
D I L S 3 ✣ 25

**MANKATO,** 1,155 — Concordia Elec. Lt. Co. See Concordia.

**MARION,** 1,841—Munic. Pwr. Plant; bds. $75,000.
*¶ Supt. Dan Hazen..............Marion
Ch. Engr. D. Revo.................. "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 160 hp. e. (oil) Busch-Diesel.

167 city series incs. 6.6 amp. 100 w. $15 per yr; all nt; oil $3.30 per 100 gal. (Will install additional 120 hp. Diesel e.)
D G L 1 3 ★16

**MARQUETTE,** 715—Munic. Elec. Lt. Plant; cost $18,000; bds. $18,000.
*Mayor, A. Ericson...............Marqnette
Sec. M. Irwin.................... "
Treas. O. E. Hawkinson........ "
Ch. Engr. G. Jare................. "

1 d.c. West. 40 kw. 220 v; d.c. nt ltg. cir. 220 v; 120 hp. e. Buff. Forge, Engl; 120 hp. b. Gem.

5 city arcs West. 3.5 amps. $36 per yr; 34 carbon 60 w. $6 per yr; moonlt; coal $3.30.
C L S ✠ ★125

**MARYSVILLE,** 2,260—Marysville Lt. Pwr. & Wtr. Co; cap. $50,000; bds. $50,000.
Pres. W. A. Bell.. Colorado Springs, Colo.
Sec. & Treas. J. E. Lundstrom " "
*Supt. C. M. Belknap........ Marysville
Engr. Pwr. Sta. C. J. Ochsner "
Ch. Elecn. E. D. Tarvin......... "

2 a. c. Allis-C. Bull tot. 235 kw. 2200-110 v. s. ph. 60 cys; a. c. day cir: a. c. mo. cir. 3 ph. 60 cys; 235 hp. e. Ball; 160 hp. b. Kewanee.

City cont. 27 arcs 2000 c. p. $85 per yr; moonlt. mdnt; oil $1.95 cts. (Trans. to Blue Rapids; erecting line to Waterville.)
D L S 1 3 ✠ 105w

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The Marshall County Pwr. & Lt. Co. See Blue Rapids.

**MEADE,** 664—Meade Lt. & Pwr. Co.; cap. stk. $10,000.
Pres. F. Tuhr.........................Meade
V. Pres. H. B. Phelps............... "
Sec. C. K. Sourbeer.................. "
Treas. F. W. Curl..................... "
*Mgr. R. A. Brannan.................. "
Engr. Pwr. Sta. Dick Brown........ "

1 a. c. 37½ kw. 2300 v. 3 ph. 60 cys; a c. nt. ltg. cir. 110 v 60 cys; 50 hp. gas e.

City cont. 75 incs. 40 w. series $6 per yr. solar oil 3 cts; all nt. moonlt.
G L 3 75

**MINNEAPOLIS,** 1,895—Jackman Roller Mills.
*¶ Mgr. Cont. Agt. & Supt.
H. F. Jackman.............Minneapolis
Engr. Pwr. Sta. J. Brill...... "

1 a.c. G.E. 75 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. day & nt. mo. cir: 300 hp. e. Straight; 300 hp. b. Erie; 150 hp. turb. (wtr.) Lef.

City cont; 112 incs. series Mazda 60 c. p. $15 per yr; mdnt. moonlt; coal $3.65.
D L S W 3 ✠ 125

**MOLINE,** 808—Munic. Lt. & Wtr. Plant.
*¶ Gen. Supt. & Ch. Engr.
W. E. Wallace.....................Moline
Engrs. Pwr. Sta. D. Sawyer.............. "
W. E. Falconer....... "

2 a. c. Allis C. Westg. tot. 135 kw. 110 v. 3 ph. 60 cys; a c. dav & nt. ltg. cir. 110 v: a.c. day & nt mo. cir. 220 v. s. & 3 ph. 60 cys; 180 hp. e (oil) Snow.

166 city incs; oil $1.03 per bbl.
D G L 1 3 ★125

**MOUNDRIDGE,** 626—Munic. Elec. Lt. & Wtr. Wks; cost $38,000; bds. $28.500.
Wtr & Lt. Comn ¶ Mayor (Mgr.) P. L. Wall Moundridge
P. H. Krehbiel..... "
*J. F. Regier....... "
City Clerk J. W. Dirks...... "
Treas. E. E. Lemberg........ "
Supt. & Engr. Pwr. Sta.
A. F. Regier.................. "

1 a. c. Allis-C. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; no motor cir; 100 hp. e. (gas) Olds.

40 city series Tung. 40-250 c. p. $12 per yr; moonlt. mdnt; oil 5½ cts. per gal.
G L 3 ✠ 125

**MULBERRY,** 1,500—Munic. Lt. & Wtr. Dept; bds. $45,000.
Mayor, C. L. Thompson........Mulberry
*¶ Mgr. J. N. Marion........... "
Engr. Pwr. Sta. Charles Dooley. "

2 a. c. G. E. tot. 100 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 108 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 160 hp. e. Brnl; 200 hp. b. Brnl.

80 city incs. "C"; all nt; coal $2. (Also lts. Burgess, Mo.)
D L S 3 ★125

**MULVANE,** 1,084—Mulvane Ice & Cold Storage Co.; cap. $16,000.
Pres. J. H. Rucker.................Mulvane
V. Pres. W. C. Robinson......... "
Sec. S. T. Campbell............... "
Treas. C. F. Hough............... "
*¶ Mgr., Cont. Agt., Supt. & Engr.
Pwr. Sta. O. A. Clements...... "

2 a.c. W.E. 82½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 90 hp. e. Ide; 25 hp. e. (oil) F. M; 300 hp. b. Vogt; also 20-ton ice machine, Vogt.

City cont. 3 arcs 6.6 amp. $60 per yr; 43 series incs. 6.6 amp. $1.71 per month; all nt; oil 66 cts. per bbl. of 42 gals.
D I L S 3 ✠ 25

**NEODESHA,** 4.000—Munic. Lt. Plant; cap. $12,000; bds. $12,000.
*Mgr. & Supt. C. M. Kimball...Neodesha
City Clerk, J. J. Carroll........ "

2 a. c. G. E, Elec. Mch. tot. 375 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 50 lts. 6.6 amp; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 550 hp. e. Straight, Nord, Cor; 300 hp. b. Standard Oil Co.

City cont. 45 arcs G. E; 1650 c. p. —; all nt; gas.
D L S 3 125

**NEOSHO,** 570—Hartford Lt. & Pwr. Co. See Hartford.

a. c. day & nt. ltg. cir.; a. c. day & nt. mo. cir.
D L X 95

**NESS CITY,** 712—Munic. Lt. Plant; bds. $16,000.
*¶ Supt. E. J. Burnham........Ness City
Ch. Engr. W. K. Boyd........... "

2 a. c. G. E, F. M. & Co. tot. 70 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. (mdnt.) ltg. cir. 110 v; a. c. day & nt. (mdnt.) mo. cir. 220 v. 3 ph. 60 cys. 105 hp. e. (gas) Sheffield, F. M. & Co.

80 city incs series 80 c. p. 6.6 amp. Distillate $2.55 to $3.85 per. bbl.
D G L 3 ✠ ★125

**NEWTON,** 7,862—Kansas Gas & Elec. Co. For executive officers, see Wichita.
Local Supt. J. D. Nicholson......Newton

2 a. c. Allis-C, G. E, Curtis tot. 750 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 250 kw. e. Allis-C, West; 500 kw. stm. turb. G. E; 875 hp. b. Stir.

City cont. 15 arcs series 500 w. $70 per yr; 170 incs. Tung. series 80 w. & 100 w. $22 & $24 per yr; all nt; gas 12½ cts; oil $1.08 per bbl.
D L S 2 3 125

**NICKERSON,** 1,195—Munic. Ltg. System.
Mayor, G. E. Turbush..........Nickerson
*City Clerk, O. J. Windiate.... "
Mgr. Fred. Grundy............. "
Energy purchased from United Wtr., Gas & Elec. Co., trans. volt. 13,200 v. 2 ph; — transf. total 50 kw. 13,200-2200 v.
L 2 74

**NORTON,** 1,787—Munic Lt. & Pwr. Plant; cost $20,000; bds. $20,000.
Mayor, M. L. Johnson..............Norton
*¶Supt. J. P. Ward................ "
2 a. c. West. tot. 100 kw. 2400 v. 3 ph. 60 cys; trans. 2300 v; 33 transf. West, Ft. W. 140 kw; day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. (oil) M. & W.
60 city incs. G. E. 5.5 amp. 100 w. $24 per yr; all nt; moonlt; oil 3 cts. per gal.
D G L 1 ✣ 25

**NORTONVILLE,** 638 — Nortonville Elec. Lt., Pwr. & Ht. Plant; cost $10,000; no bds.
*Owners, Moxley & Dobson..Nortonville
1 d. c. Wood 30 kw. 220 v; d. c. ltg. cir. 220 v; 80 hp. e. Fisher; 60 hp. b. English.
City cont. 52 series tung. 250 & 75 w. $17.50 per yr; moonlt. mdnt; coal $2.35.
C L S ✣ 11

**OAKLEY,** 681 — Munic. Wtr. & Lt. Plant; cost $38,000; bds. $40,000.
¶City Clerk, J. A. Switzer ..........Oakley
*Supt. W. B. Day.................. "
Engr. Pwr. Sta. Lee Slaughter...... "
1 a. c. E. M. Co. 50 kva. 2300 v. 3 ph. 60 cys; trans. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 80 hp. e. (oil) F. M. & Co.
30 series incs. 6.6 amp; distillate 3½ cts. per gal. (Will install 70 hp. De L. V. oil e., 62½ kva. 2300 v. 3 ph. 60 cys. gen. and 20 hp. motor.)
G L 1 3 ★16

**OBERLIN,** 1,157—Munic. Lt. & Wtr. Plant; bds. $10,000.
Mayor, S. J. Morrish...............Oberlin
*City Clerk, G. Addleman......... "
Treas. R. D. Strain................ "
Gen. Mgr. C. S. Maddox........... "
¶Supt. & Cont. Agt. W. W. Beyer "
Engr. Pwr. Sta. J. W. Burchett... "
1 a. c. Ft. W. 75 kw. 2300 110 v. s. ph. 60 cys; 1 d. c. Ft. W. 4 kw. 110 v; a. c. nt. ltg. & mo. cir. 220-110 v. s. ph. 60 cys; 100 hp. e. Mur, Cor; 110 hp. b. Mur
12 city arcs G. E. 6.6 amp; 8 incs. 32 c. p. 110 v; 4 series tung. 6.6 amp. 100 c. p; moonlt; coal $4.35.
L S 1 22

**OKETO,** 253—*Munic. Elec. Lt. Plant. bds. $2,500; cost $3,000.
1 d. c. West. 18 kw. 125 v; d. c. nt. ltg. & mo. cir. 110 v; 25 hp. e. (gas) Alamo.
16 city Mazdas 150 w. $12 per yr; oil 6.9 cts. per gal.
C G L ✣ 125

**OLATHE,** 3,272—The Olathe Elec. Lt. & Pwr. Co.; cap. $36,000.
*Pres. Supt. & Engr. Pwr. Sta.
B. C. Morrison.....................Olathe
V. Pres. W. C. Keefer.............. "
¶ Sec. Treas. & Cont. Agt.
S. M. Brockway.................... "
2 a.c. G. E. tot 225 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 60 cys; 300 hp. e. Strait; 300 hp. b. Erie.
City cont. 27 arcs $66 per yr; 83 series Mazdas 75 w. $18 per yr; moonlt; coal $2.55.
D L S 3 ✣ 26

**ONAGA,** 759 – Onaga Lt., Ht. & Pwr. Co.; cap. outstg. $10,000; bds. outstg. $3,000.
Pres. Peter Gaume...................Onaga
V. Pres. C. H. Koentz............... "
Sec. C. A. Grutzhmaker............Onaga
Treas. Chas. Day................... "
*¶ Mgr. Cont. Agt. & Engr. Pwr.
Sta. E L. Frezieres................ "
2 d. c. F. M. & Co., West. tot. 48 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 75 hp. e. (oil) F. M. & Co.; also 4½-ton ice plant (Fisher).
City cont. 40 series 6.6 amp. 60 c.p. $15.75 per yr; moonlt; distillate about 3 cts. per gal.
C D G I L ✣ 125

**OSAGE CITY,** 2,432—Munic. Elec. Lt. & Pwr. Plant.
Mayor, Benj Heilbrun........Osage City
¶ Chmn. Lt. Com.
L. W. Silven.................. "
*City Clerk Chas. Johnson.... "
Ch. Engr. J. A. Dunnahoe..... "
3 a.c. West, Ft. W. tot. 475 kw. 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. Corliss; 225 hp. b; 400 hp. e. (oil) Diesel; stm. htg.
350 city Mazdas 100 w. $6 per yr; hrs; coal $2.75; oil 75 cts. per bbl.
D G H L S 3 75

**OSAWATOMIE,** 4,046—Munic. Elec. Ltg. Plant: bds. $20,000.
*Supt. B. L. Prier.............Osawatomie
City Clerk, J. W. Allard...... "
3 a. c. F. M. & Co, W. E. tot. 220 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 160 hp. e. (oil) F. M. & Co; 160 hp. e. McI. & S; 300 hp. b.
100 street tung.
D G L 1 3 125

**OSBORNE,** 1,566—*Munic. Lt. & Pwr. Plant; cost $15,000.
Supt. & Engr. J. H. Meiers.........Osborne
1 a. c. Ft. W. 75 kva. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 85 hp. e. Fisher, Cor; 100 hp. b. Spgf.
City cont. 60 incs. series 5.5 amp; moonlt. mdnt; coal $4.25.
L S 3 ✣ 23

**OSKALOOSA,** 851—Moxley & Co.; cap. $20,000.
Owners { ¶ Mgr. & Cont. Agt.
W. Moxley.........Nortonville
Dr. Wilson.......... "
*Supt. & Engr. Pwr. Sta.
W. A. Payne........... ....Oskaloosa
2 a. c. Westg, Warren tot 140 kw. 2200-110 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 180 hp. e. Ide, Murray; 180 hp. b. Murray; 25 hp. e. (gas) Internl; transm. voltage 6600 v.
City cont. 60 incs. series 75-250 w. $18.12 per yr; moonlt. mdnt; slack $2.85; oil 6½ cts. (Also lts. McLouth.)
D L S 1 ✣ 94E

**OSWEGO,** 2,317—Oswego Lt., Pwr. & Supply Co.; cap. $25,000; bds. $15,000.
Pres. J. H. Karnes.................Oswego
V. Pres. A. D. Swanwick ......... "
Sec. & Treas. W. H. Condon..... "
*¶Mgr. & Cont. Agt. Nelie Nafus. "
Engrs. Pwr. Sta. { O. Fullhart.......... "
R. H. Mosler...... "
2 a. c. Allis-C. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. (gas) St. Mary's.
Nat. gas. 25 cts.
D G L 3 ✣ 75

**OTTAWA,** 7,700—Munic. Wtr. & Lt. Plant; cost $216,000; bds. $185,000.
Comr. of Utilities, C. S. Wilson....Ottawa
*Supt. W. O. Myers................ "
Engr. Pwr. Sta. S. T. Hannum.... "
3 a. c. Westg. tot. 355 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. —— v. s. & 2 ph. 60 cys; 325 hp. e. Rus, Bates; 80 hp. e. (gas) Otto; 440 hp. b. Brnl.

26 city arcs 6.6 amp. $78 per yr; 188 Tung. 75 w. $12 per yr; moonlt. all nt; nat. gas 25 cts; coal $2.20. (Arranging new city contract; arc lamps will be discarded.) (Also lts. Pamona).
D G L S 2 125

**PAOLA,** 3,500—The Peoples Elec. Lt. Co.; cap outstg. $25,000; no bds.
*¶Pres. & Mgr. W H. Moorehouse. Paola
V. Pres. Mrs. W. H. Moorehouse... Paola
Sec. & Treas. B. E. Brown.......... "
Ch. Engr. J. W. Hetzel............. "
1 a. c. G. E 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 125 hp. e. Strait; 125 hp. b.
City cont. 135 incs. 80 c.p. 5 cts. per kw. hr; coal $2.25.
(Expect to build new sta., which will contain 1-200 kw. gen. direct connected, 1-75 kw. gen. belted and 2-150 hp. boilers.)
D L S 3 ✣ 35

**PARSONS,** 12,463—Kansas Elec. Utilities Co. For executive officers, see Emporia.
Local Mgr. W. T. Neligh ........Parsons
Supt. J. E. Webb.................. "
Engr. Pwr. Sta. C. J. Miller...... "
3 a. c. Allis-C, G. E. tot. 1100 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Allis-C. 200 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 900 hp. e. Twin City, Cpr; 750 hp. e. (gas) Allis-C; 500 hp. b. Kew, Erie.
City cont. 124 arcs G. E. 6 6 amp. $70 per yr; all nt; gas and coal.
C D G R S 3 ✣ ★16

**PEABODY,** 1,416—Peabody Lt., Pwr. & Ice Co. (Successor to Peabody Lt. & Pwr. Co.); cap. auth. $20,000; issued $14,300; bds. $3,500.
Pres. & Mgr. O. Jolliffe............Peabody
V. Pres. & Supt. A. Burton...... "
*¶ Sec. & Treas. D. F. Burton... "
Engr. Pwr. Sta. A. B. Summers.. "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir.110-2300 v. s & 3 ph. 60 cys; 175 hp. e. Mur; 275 hp. b. Mur; also 6-ton ice plant.
City cont. 4 incs. 500 w. all nt. $90 per yr; 4 Tung. 100 w. all nt. tot. $144 per yr; 73 series tung. 60 w. moonlt. $15 per yr; oil 75 cts.
D I L S 1 3 ✣ 125

**PERRY,** 600—Munic. Elec. Lt. Plant; cost $11,000; bds. $5,000.
Mayor, M. L. Taylor.............. Perry
Clerk, O. C. Kemper.............. "
*Mgr. & Engr. Pwr. Sta.
F. W. Bettys...................... "
2 d. c. West, F. M. & Co 52 kw. 125 v; d. c. day & nt. ltg. cir. 106-115 v; no mo. cir; 80 hp. e. (oil) Alamo, F. M. & Co; 1 stor. bat. E. S. B. 155 v. 160 amp. hrs.
35 city Mazdas 60 & 100 w; moonlt. 11 P.M; kerosene 7 cts. per gal.
C D G L ★125

**PHILLIPSBURG,** 1,302—Phillipsburg Mill & Elevator Co.
Pres. W. H. Bandt............Phillipsburg
V. Pres. P. G. Bandt........ "
Sec. C. H. Bandt............ "
*Supt. & Ch. Engr. Pwr. Sta.
S. C. Newlon................ "
2 a. c. F. M. & Co. tot. 215 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 180 hp. e. Cor; 250 hp. b. F. M. & Co; 150 hp. e. (gas) F. M. & Co.
City cont. 24 3-lt. electro. 40 & 60 w; 54 incs. 60 & 100 w; all nt; oil 91 cts. per bbl. (Also lts. Logan, Speed and Blade, Nebr.)
D G L S 3 ✣ 16†

**PITTSBURG,** 14,755—The Home Lt., Ht. & Pwr. Co. (Controlled and leased by the Kansas Gas & Elec. Co.)
Pres. H. P. Wright.......Kansas City, Mo.
V. Pres. L. O. Ripley.............Wichita
Sec. & Mgr. T. F. Cole...........Pittsburg
Treas. M. H. Arning ....New York. N.Y.
¶ Pur. Agt. J. H. La Grant.......Wichita
Engr. Pwr. Sta. J. H. Hess.....Pittsburg
5 a. c. G. E. tot. 2,050 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir 220 v.
City cont. 155 arcs 6.6 amps. $76 per yr; 80 incs. series 6.6 amp. $20 per yr; all nt; coal $1.50; gas 10 cts. per M. (Also lts. Frontenac and Cherokee.)
D L S 3 125

**PLAINVILLE,** 1,090—Plainville Mill & Elevator Co.; cost $20,000.
*Pres. J. V. Burroughs..........Plainville
V. Pres. C. W. Burroughs...... "
Sec. & Treas. H. B. Burroughs. "
Engr. Pwr. Sta. V. A. Perkins "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-110 v. s. & 3 ph. 60 cys; 200 hp. e. Mpls; 300 hp. b. Bonus-Kenn.
City cont. 32 incs. "C" 250 w. $30 per yr; moonlt. mdnt; oil 80 cts. per bbl.
D L S 1 3 ✣ 125

**PORTIS,** 304—Munic. Ltg. System.
Purchases energy from Solomon Valley Pwr. Co.
L §16†

**PRATT,** 3,302 — Pratt Lt. & Ice Co.; cap. $20,000; no bds.
¶ Pres. J. B. Hupp...................Pratt
V. Pres. J. S. Barnes............... "
Sec. & Treas. T. C. Carver.......... "
*Mgr. F. A. Sheldon................. "
Engr. Pwr. Sta. Harry Weikal....... "
2 a. c. Allis C. tot. 150 kw. 2300 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 300 hp. e. Mur; 300 hp. b. Mur; also 50-ton ice plant (Wolf).
City cont. 10 arcs 6.6 amp. $48 per mo; moonlt; oil 2.4 cts.
D I L 3 ✣ 125

**PRETTY PRAIRIE,** 327 — Pretty Prairie Elec. Lt. & Pwr. Plant.
*¶Owner & Mgr. J.J. Seibert. Pretty Prairie
1 a. c. E. M. 30 kw. 2300 v. 3 ph. 60 cys; day cir. to 11 A. M; 60 hp. e. (oil) I. H. C.
City cont. 6 arcs A. B. $75 per yr; 12 Mazdas 100 w. $24 per yr; mdnt. moonlt; kerosene 5.3 cts.
D G L 3 ✣ 25

***RIVERTON,**—Empire District Elec. Co. See Joplin, Mo.

**ROBINSON,** 492—Munic. Ltg. System
*City Clerk, Chas. Pirkey......Robinson
Purchases energy from Hiawatha Lt., Pwr. & Ice Co.
L §16

**ROSEDALE,** 5,960—Standard Elec. Lt. Co. See Kansas City.

**RUSSELL,** 1,692 — Munic. Elec. Lt. Plant; bds. $15,500.
Mayor, C. E. Hall..................Russell
*Mgr. A. S. Tisdale............... "
2 a. c. Elec. Mch. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; day & nt. mo. cir. 220-110 v; 225 hp. e. (oil) De La V; 50 hp. e. (gas) St. Marys.
7 city arcs A. B. 1000 c. p; 51 "C" Mazdas 100 c. p; moonlt.
D G L 3 ✣ ★125

**ST. MARYS,** 1,397—Munic. Wtr. & Lt. Plant; bds. $47,000.
Mayor, F. A. Flush ............St. Marys
*Supt. A. Wisson.................. "
Engr. Pwr. Sta. Jno. Glick........ "

2 a. c. Ft. W. tot. 125 kw. 2300 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir; 200 hp. e. Sknr; 250 hp. b.

5 city arcs 6.6 amp; 55 tung 75 w; all nt; coal $3.

D L S 3 ★125

**SABETHA**, 1,768 — Munic. Elec. Lt. Plant; cost $25,000.
Mayor, A. S. Ross..................Sabetha
V. Pres.; Com. of Finance
Joe Lichty........................ "
Sec., Utility Com. P. Sherwood... "
*Supt. & Mgr. C. A. Darby........ "
Engr. Pwr. Sta. G. Byers ......... "

3 a. c., G. E., West, Allis C. tot. 287 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. e. Murray, Skinr; 400 hp. b. Kew; 250 hp. turb. (stm.) West; stm. htg. (6 mos.) and ice plant (6 mos.).

150 city incs. series 60 c. p. $1.50 per mo; all nt; coal $3.09. (Also lts. Morrill, Hamall, Fairview and Powhattan.)

D H I L S 1 ✠ 16

**SALINA**, 9,688—The Salina Lt., Pwr. & Gas Co. (Controlled by Cities Service Co., 60 Wall St., New York, N. Y.); cap. stk. $500,000; bds. $200,000.
Pres. J. F. Springfield.........Hutchinson
*V. Pres., Treas. & Mgr.
J. E. Harsh.........................Salina
Sec. J. C. York..................... "
Cont. Agt. B. E. Jack.............. "
Gen. Supt. W. R. Waggoner........ "
Engr. Pwr. Sta. C. F. McBride..... "

3 d. c. G. E. tot. 195 kw. 500 v; 3 a. c. G. E. tot. 650 kw. 2300-216-108 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v; 650 hp. e. Chuse. Cor.; 1200 hp. b. Sterling; 1750 West. stm. turb

City cont. 135 G. E. series enc. arcs 6.6 amps. $72 per yr; 18 incs. 60 c. p. $24 per yr; all nt; oil 70 cts. per bbl. (Co. sells energy to Salina St. & Interurban Ry. Co.)

C D L S 3 ✠ ★125

**SCAMMON**, 2,350—The Empire District Elec. Co. See Joplin, Mo.

Trans. from Weir City; trans. 6600-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day and nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 3 36

**SCOTT CITY**, 1,000—Munic. Elec. Lt. & Wtr. Plant; bds. $40,000.
¶ Mayor, Chas. A. Kelson......Scott City
*Supt. & Engr. Pwr. Sta.
R. W. Muzzal................. "

2 d. c. Ft. W. tot. 53 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; no mo cir; 95 hp. e. (oil) Alamo; 1 stor. bat. E. S. B. 35 amp. hr. 110 v.

140 city Mazdas 40 w; moonlt; distillate 3.3 cts.

C D G L ✠ 125

**SEDAN**, 2,211—Sedan Elec. Lt. & Pwr. Co.; cost $12,000; bds $16,400.
Owners. R. M. Hartzell..............Sedan
*M. W. Hartzell.......... "
H. C. Hartzell.............. "

2 a. c. West. tot. 80 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 210 hp. e. (gas) West, Olin.

City cont. 32 Mazdas 200 & 400 c. p. $25.27 per yr; moonlt; gas 10 cts.

D G L 3 ✠ 125

**SENECA**, 1,806 — Munic. Electric Lt. & Wtr. Plant; cost $70,000.
Mayor, W. A. Rucker..............Seneca
*Sec. C. H. Herald................. "
City Treas. P. P. Stine............ "
¶ Mgr. Supt. & Ch. Elecn.
H. W. Graham....................... "
Ch. Engr. W. B. Murphy............. "
Engrs. Pwr. Sta. T. H. Ralph............ "
W. R. Graham........... "

2 a. c. West. 200 kw. 2400 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v; a. c. pwr. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Sioux C; 320 hp. b. Mur.

220 city carbon 120 w; 44 Mazdas 100 w; tot. $3,200; oil $2.03 per 100 gal.

D L S 3 ✠ 23

**SMITH CENTER**, 1,292—Smith Center Mill, Elevator & Light Co.; cap. $40,000.
*Pres & Mgr. Henry Williams
Smith Center
V. Pres. J. H. Detwiler..... "
¶ Sec. Geo. H. Marty........ "
Treas. L. C. Uhl.............. "
Asst. Mgr. M. A. Diamond.. "
Ch. Engr. L. J. Brown...... "
Ch. Elecn. Gilbert Faulkner "

1 d. c. Northn. 150 kw. 240 v; d. c. day & nt. ltg. cir. 240 v; 225 hp. e. Mur; 250 hp. b. Mur.

City cont. 6 arcs A. B. 1200 w. $72 per yr; 48 incs. carbon 32 c. p. $18 per yr; moonlt. mdnt; oil $1.10.

C D L S ✠ 14

**SOLOMON**, 1014—*Munic. Ltg. System. Purchases energy from Riverside Lt., Pwr. & Gas Co.

L §125†

**SOUTH HAVEN**, 483—South Haven Elec. Lt. Plant (Munic.)
¶ Pur. Agt, City Council.....S'th Haven
*Engr. Pwr. Sta. J. R. Britton... "

1 a. c. West. 30 kw. 2300 v. 3 ph. 60 cys; no day cir; 25 hp. e. (gas) F. M. & Co.

35 city incs. 75 w. $48 per yr; solar oil 4 cts.

G L 3 125

**SPEARVILLE**—The Diamond Elec. Lt. & Pwr. Co.
*Owner, Thomas J. Stinson... Spearville

2 d. c. F. M. & Co. 30 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 100 hp. (gas) e. F. M. & Co.

City cont. 43 tung. 6.6 amp. $70 per month; 12.30 P.M; solar oil 4¼ cts.

C D G L ✠ 83

**STERLING**, 2,133—Morris Electrical Pwr. Co.; cap. $25,000; no bds.
Owner, G. A. Morris..............Sterling
V. Pres, Sec. & Treas. G. E. Morris "
*¶ Mgr. & Ch. Engr. C. H. Love.. "

2 d. c. Eddy, G. E. tot. 80 kw. 110 v; 2 a. c. Warren, West. tot. 125 kw. 2200-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. mo. cir. 110 v; 150 hp. e. Murray, Cor; 160 hp. e. (oil) F. M. & Co., Muncie; 150 hp. b. Murray.

City cont. 92 series tung. 60 and 32 c. p. $24 & $12 per yr; mdnt. moonlt; coal $3.

C D G L S 1 3 35

**STOCKTON**, 1,400—Munic. Elec. Lt. Plant; cost $20,000.
City Clerk, F. A. Chipman......Stockton
*¶ Supt., Ch. Engr. & Elecn.
O. M. Goodrich................ "
Engr. Pwr. Sta. Wm. Drunn.... "

2 a. c. G. E. tot. 112½ kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 160 hp. e. (oil) De La V.

88 city series tung. 80 c. p; moonlt. midnt; oil.

D G L 3 ✠ 16

**STRONG**, 1.019—Home Lt. & Pwr. Co. See Cottonwood Falls.

**SYRACUSE**, 1,126—Munic. Wtr. & Lt. Plant; cost $40,000; bds. $40,000.
Mayor, Alonzo Gale..............Syracuse
Clerk, Chas. T. Reid............ "
Treas. H. E. Walter............. "
*¶ Mgr. & Supt. J. C. Riley..... "
Engr. Pwr. Sta. C. F. Linscott.. "

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 80 hp. e. (oil) F. M. & Co.
63 city incs. series 100 c.p. $30 per yr; moonlt; distillate, 2.5 cts.
D G L 3 75

**TONGANOXIE,** 1,018—Barber-Angell Elec. Lt. Co.
*Supt. V. A. Barber........Tonganoxie
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 90 hp. e. (gas) Stover.
60 tung. 40 w. $16 per yr, 100 w. $20.50 per yr; natural gas 25 cts. per M.
D G L 1 3 52

**TOPEKA,** 50,000 -- Munic. Elec. Lt. Plant; cost $85,000; bds. $40,000.
*Supt. Elmer G. Stahl..............Topeka
Engr. Pwr. Sta. Fred. Painter..... "
1 a. c. West. 500 kw. 2300 v. 3 ph. 60 cys; 9 rect. West. tot. 575 lt; no day cir; 600 hp. e Mur; 450 hp. b. Bromick.
City cont. 484 West. arcs 400 c. p. 4 amp. moonlt. (winter); 200 Mazdas series 80 c. p; 1265 mult. 60-100 w; moonlt; coal $2.60.
L S 3 125

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The Topeka Edison Co., 808 Kansas Ave. (Part of the Illinois Trac. System); cap. stk. $1,250,000; bds. $835,000.
Pres. W. B. McKinley.........Champaign
V. Pres. Geo. M. Mattis...... "
Sec. E. A. MacNutt..........Montreal, Que.
Treas. W. H. Carnahan........Champaign
Audr. W. C. Glover...............Topeka
Gen. Mgr. H. E. Chubbuck....Peoria, Ill.
Mgr. New Bus. Dept. B. J. Long..Topeka
¶Pur. Agt. H. Vance..........Peoria, Ill.
Gen. Supt. A. H. Purdy...........Topeka
Ch. Engr. Jas. L. Chase.......... "
Actg. Ch. Engr. S. R. Sayles....... "
Elecn. J. E. Gossett.............. "
2 a.c. Allis-C, tot. 2000 kw. 2300 v 3 ph. 60 cys; 8 d.c. G.E. tot. 2420 kw. 600-250 & 125 v; a. c. & d. c. day & nt. ltg. cir 115 v; a. c. day & nt. mo. cir. 115-230 v. s. ph. 60 cys; d. c. day & nt. mo. cir. 115-230-600 v; 4150 hp.e. Bckye; 2000 hp. stm. turb. Allis-C; 3264 hp. b. Bab. & W; E. S. B. stor. bat. 384 kw. 600 v. 640 amp; also stm. htg.
Oil $1.30 per bbl; coal $2.70. (Co. furnishes energy to The Topeka Ry Co.)
C D H L S 1 3 ★16

**VALLEY FALLS,** 1,229—Valley Falls Elec. Lt. Works.
*Owner & Mgr. H. Swartz...Valley Falls
2 a.c. Triumph tot. 144 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 144 hp. e. (gas) Minpl., Twin City.
City cont. 28 incs. 100 w. $12 per yr; oil.
D G L 3 ✠ 125

**WAKEENEY,** 883—Munic. Elec. Lt. Plant; cost $12,000.
Mayor, E. S. Myerly..............Wakeeney
Sec. Herman Lang............ "
Treas. A. H. Blair............. "
*Mgr. H. C. Johnson........... "
Engr. Pwr. Sta. Geo. Kulp..... "
1 a. c. F. M. & Co. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 80 hp. e. (oil) F. M. & Co.
City ltg. 50 series tung. 75 w; all nt; oil 3 cts. per gal.
G L 3 ✠ 24

**WAMEGO,** 1,714—Munic. Lt. & Wtr. Plant; bds. issued $34,000; outstg. $17,000.
Mayor, Floyd Funnell............Wamego
City Clk., F. E. Fisher.......... "
Treas. Wm. Prunty............ "
*¶ Supt. L. & W., D. A. Course. "
Engr. Pwr. Sta. F. R. Bennett.. "
2 a.c. G.E. West. tot. 240 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & mo. cir. 2200-220-110 v. 3 ph. 60 cys; 275 hp. e. Mur, Buffalo; 300 hp. b. Mur.
7 city arcs enc. series $45 per yr; 93 incs. "C" 100 c. p. $6 yer yr; moonlt. mdnt; coal $3.15.
D L S 3 ★125

**WASHINGTON,** 1547—Concordia Elec. Lt. Co. See Concordia.

**WATHENA,** 777—Munic. Elec. Ltg. System; cost $9,000; bds. $7,000.
*Supt. F. A. Whitney..............Wathena
Purchases energy from St. Joseph St. Ry. Co; 2 transf. tot. 62½ kw. 2300-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. — v. s. ph. 60 cys. Moonlt.
D L 1 125

**WAVERLY,** 751—Munic. Lt. & Wtr. Wks.; cost $20,000; bds. $10,000.
Mayor, J. L. Senior..................Waverly
*Clerk Alonzo Glass.............. "
Treas. C. F. Mathis................ "
Engr. Pwr. Sta. Chas. Farren... "
2 a. c. F. M. & Co. G. E. tot. 72½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (7 A. M. to mdnt.) ltg. cir. 110 v; 80 hp. e. Ball; 180 hp. b. Erie, Kew; 25 hp. e. (oil) F. & M. Co.
30 city Mazdas 350 & 100 c. p. $20 per yr; moonlt; oil 2 cts. per gal. and coal $3.
D G L S 3 ✠ 75

***WEIR CITY,** 2,289—The Empire District Elec. Co. For executive officers, see Joplin, Mo.
Local Mgr. F. C. Arthur..............Weir
Engr. & Ch. Elecn. W. F. Giltner.... "
a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.
City cont. 43 incs. "C" 100 c. p. all nt; coal $2.00. (Trans. to Scammon.)
D L S 2 ✠ 36

**WELLINGTON,** 7,034—Munic. Elec. Lt. Plant; cost $24,000; bds. auth. & outstg. $10,000, 5 p. c. int.
Mayor, A. A. Bilsley..........Wellington
Comr. C. Huslett.............. "
*Mgr. M. H. Kirk............. "
Supt. N. E. Stone............. "
Engr. Pwr. Sta. R. E. Hurst.. "
3 a. c. Allis C, Minpl. tot. 400 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Twin City; 450 hp. b. F. M. & Co.
80 city arcs A. B. 6.6 amp; 80 Mazdas 6.6 amp. $14.40 per yr; moonlt; coal $2.35. (Building new power house; changing from 2 ph. to 3 ph. system.)
D L S 2 115†

**WELLSVILLE,** 648—Wellsville Elec. Lt., Pwr. & Ice Co.
*Owner & Mgr. Chas. A. Smith Wellsville
1 a.c. Allis C. 80 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-2300 v. s. & 3 ph. 60 cys; 120 hp. e. (oil) Snow Diesel; ice plant (Baker).
City cont. 63 series Mazdas 250 & 100 c. p. tot. $78 per 150 hrs. monthly; additional hrs. extra; oil.
D G I L 1 3 ✠ ★125

**WETMORE,** 680—Munic. Elec. Lt. Plant; cost $7,200; bds. $6,000.
*Treas. Geo. Cawood............Wetmore
1 a. c. G. E. 35 kw. 220 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 50 hp. e. (gas) De La V.
28 city tung. 125 w; moonlt. mdnt; oil 4¼ cts. per gal.
G L 3 ✠ ★95†

**WICHITA,** 70,000—Kansas Gas & Elec. Co. Office 237-9 So. Main St. (Acquired the property of the United Gas Co., The

Edison Lt. & Pwr. Co., The Gas & Elec. Appliance Co. of Wichita, The Independence Elec. Co., The Elec. Lt. & Pwr. Co. of Newton, The Cherokee Lt. & Pwr. Co. and the Cherryvale Elec. Lt. & Pwr. Co. Controls and leases the Home Lt., Ht. & Pwr. Co.) (In 1915, acquired elec. lt. & pwr. properties in Arkansas City, Eldorado and Towanda); cap. outstg. (pfrd) $1,500,000, (com.) $3,0000.000; bds. $3,089,000. (Controlled by American Pwr. & Lt. Co.)

Pres. H. P. Wright......Kansas City, Mo.
V. Prests. { L. O. Ripley..........Wichita
M. C. Kelley........Pittsburg
G. E. Claflin..New York, N.Y.
A. S. Grenier........ "
Sec. C. H. Smyth................Wichita
Treas. & Asst. Sec. M. H. Arning "
Asst. Treas. H. S. Murrell........ "
*Mgr. & Cont. Agt. H. S. Sladen. "
¶ Pur. Agt. J. H La Grant...... "
Supts { Ed. S. Miller (gas)...... "
C. B. Tingley (elec.)..... "
Engr. Pwr. Sta. J. M. Strike..... "

3 a. c. G. E. tot. 8750 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 2000 kw. 550-600 v; 12 mercury arcs 900 lts; trans. 60,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220-110 v. 3 ph. 60 cys; d. c. pwr. cir. 250-500 v; 2312 hp. b. Bab. & W; 8750 kw. turb. G. E. Curtis.

City cont. 319 arcs magn. 240 w. all nt. $64 per yr. & mdnt. $35 per yr: 1016 tung. "C" 100 c. p. & 400 c. p. $16 & $50 per yr; all nt.; oil — cts. per bbl; gas 12½ cts. per M and coal $2.35 per ton. (Serves Frontenac, Benton, Towanda, Arkansas City, Halstead, Sedgwick, Valley Centre, Cherryvale, Independence, Newton and Pittsburg; sells energy to railway companies.)

C D N S 3 ✠ ★125

**WILSON**, 981—Wilson Elec. Lt. Co.
*Owner & Mgr. John Weber.....Wilson

2 a. c. Allis-C, G. E. 150 kw. 2300 v. 3 ph. 60 cys; day & nt. cir; 200 hp. e. Allis-C; 200 hp. b. Mur; also stm. htg. and 15 ton ice plant.

Coal $4. (Trans. line, 7 miles, to Dorrance.)

D H I L S 3 ✠ 125

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Munic. Elec. Lt. & Wtr. Plant; cost $60,000; bds. $60,000.

City Clerk, Warren Baker........Wilson
*¶Supt. Jas. H. Williams......... "
Engrs. Pwr. Sta. { Jas. Bradley.......... "
Ed. Morrison......... "
Geo. Welch........... "

2 a. c. G. E. tot. 110 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 160 hp. e. (oil) St. Marys.

90 city series tung. 5.5 amp. tot. $1200 per yr; moonlt; distillate.

D G L 3 ✠ ★125

**WINFIELD**, 8,000—Munic. Wtr. Lt. & Pwr. Plant; cost $65,000; bds. $35,000.

Mayor, H. A. McGregor..........Winfield
Wtr. & Lt. Comrs. { Art Johnson........ "
Clerk, W. C. Hail.... "
*¶Mgr. & Engr. Pwr. Sta.
W. J. Welfelt................. "

3 a. c. Bull. tot. 900 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 400 hp. e. Mur, Cor; 600 hp. b. Kew, Erie C; 500 kw. stm. turb. Allis C. Parsons.

110 a. c. city series arcs G. E, A. B. 500 c. p. $48 per yr; 390 Mazdas 60 & 100 w. 3½ cts. per kw. hr; moonlt. 12.30 A.M; coal $2.35; gas 12½ cts.

D L S 3 ✠ 125

**YATES CENTER**, 2,024—Yates Center Elec. Lt. & Pwr. Co.

Pres. W. M. Opperman......Yates Center
¶ V. Pres. F. C. Opperman.. "
*Treas. & Mgr.
Chas. H. Opperman....... "

2 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; 2 arcs; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 150 hp. b. Kew.

City cont. 125 st. lts. 100 w. $18 per yr; moonlt; gas 12½ cts.

D L S 1 3 ✠ 125

## KENTUCKY.

**ALBANY**, 579 — Hancock Bros. & Smith; cost $4,000.

*Mgr. S. G. Smith ................Albany

1 d. c. gen. 110 v; d. c. nt. ltg. cir; 1 wtr. wh.

City cont. 200 Mazdas $4.80 per yr; 7 hrs.

C L W 35

**ASHLAND**, 8,688—Boyd County Elec. Co. (Controlled by the American Rys. Co.); cap. $32,000.

Pres. Wm. C. Sproul.........Chester, Pa.
V. Prests. { Mgr. W. W. Magoon Huntingdon, W. Va.
C. L. S. Tingley....Phila, Pa.
Sec. & Treas. Walter W. Perkins "
¶Pur. Agt. W. J. Mulholland.. "
Asst. Sec., Treas. & Compt.
Frank J. Pryor, Jr............. "
Supt. J. A. Holley............... Ashland

Purchases energy from Consolidated Lt., Ht. & Pwr. Co., Kenova, W. Va.; 4 transf. 200 kw. 11,000 v. 3 ph. 2200 v. 2 ph; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 2 ph 60 cys; 3 rect. G. E. 4 amp. tot. 125 lts.

City cont. 139 G. E. magn. arcs 4 amp. $54 per yr; all nt.

D L 2 3 ✠ 26

**AUGUSTA**, 1,787—Munic. Electric Lt. Plant; bds. $6,000.

Mayor, John O'Neill..............Augusta
¶City Clerk, G. S. Weimer....... "
Treas. W. A. Fields............... "
Mgrs. { F. S. Monahan........... "
Chas. Weber............. "
*Supt. Clay Moneyhon ........... "
Engr. Pwr. Sta. Clarence Hardy. "

1 a. c. Ft. W. 105 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Rus; 300 hp. b. Rus. H. S. & G.

51 city series nitrogen 250 c. p.; moonlt; coal 8 cts. per bu.

L S 1 ✠ 125

**BARBOURVILLE**, 1,633 — Barbourville Elec. Lt., Ht. & Pwr. Co.; cap. outstg. $10,000.

Pres., Mgr. & Ch. Engr.
A. D. Smith................Barbourville
V. Pres. D. Vincent..............Boreing
*¶Sec., Treas. & Cont. Agt.
Lymon R. Benjamin ......Barbourville
Engr. Pwr. Sta. B. Fugate... "

1 a. c. Clark 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 230 hp. e. Sknr. C. & T.; 100 hp. b. C. & T.

City cont. 100 incs. "C" 6.6 amp. 100 c. p. $18 per yr; all nt; coal.

D L S 1 3 ✠ ★16

**BARDSTOWN**, 2,126 — Munic. Elec. Lt. & Wtr. Plant; bds. outstg. $12,000.

*Supt. Chas. Edelen...........Bardstown

1 arc G. E.: 2 a. c. G.E. 1040-104 v; — hp. e. Ball.

25 city arcs; 1200 incs; moonlt. all nt

L S X 25

**BEAVER DAM**, 762—Beaver Dam Milling Co.

*Pres. & Mgr. Lee Barnes...Beaver Dam
Sec & Treas. Jno. Barnes.... " "
Engr. & Elecn. Roy Tichenor. " "

1 d. c. F. M. & Co. 20 kw. 115 v; 90 hp. e. Atlas; 100 hp. b. Bab. & W; 240 amp. hr. stor. bat. E. S. B.

Coal 85 cts. per ton; no city cont.

C L S 84

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Kentucky Lt. & Pwr. Co. See Hartford.

**BELLEVUE,** 6,683—Union Lt., Ht. & Pwr. Co. See Covington.

**BLOOMFIELD,** 352—Bloomfield Lt. & Pwr. Plant; cost $3,000.

*Owner, Harry M. Logan......Bloomfield

1 d. c. Clark 20½ kw. 220 v; 25 hp. e. (oil).

Moonlt. 11 P. M.

C G L ✠ ★125

**BOWLING GREEN,** 9,173—Munic. Elec. Ltg. System.

City Clerk, F. J. Nolan....Bowling Green

*¶Supt. Arch Wilkins.... "

Purchases energy from Kentucky Public Service Co.

All nt.

L 125

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Kentucky Public Service Co. Office, 333 Main St. (Consolidation of the Bowling Green Gas Lt. Co., Capital Gas & Elec. Lt. Co., Frankfort, Owensboro Gas Lt. Co., City Lt. Co., Hopkinsville, Clarksville (Tenn.) Elec. Co. and Clarksville Gas Co., acquired in July, 1912); cap. $425,000 pref., $856,250 common; bds. $649,500.

Pres. J. I. Mange....... } 43 Exchange Pl.
V.Pres. A.C.Greenridge } New York,
Sec.&Treas.T.W.Moffat } N. Y.

Oper. Mgrs. J. G. White Mgt. Corp.............. "

*Gen. Mgr. H. D. Fitch....Bowling Green

* Pur. Agt. E. N. Chilson, 43 Exchange Pl., New York, N. Y.

Local Supt. Roland Fitch..Bowling Green

Engr. Pwr. Sta. E. Dennis "

2 a. c. turbo-gen. Allis-C. 1250 kw. 2300 v. 3 ph. 60 cys; 1 mo. gen. set 150 kw. 500 v. d. c; 1000 hp. b. Vogt; ice & cold storage plant; coal.

Manufactures gas and electricity at Bowling Green, Frankfort and Hopkinsville, Ky., and Clarksville, Tenn, and gas at Owensboro, Ky. (This sta. sells energy to city and st. ry.)

C D I L S 3 ✠ 125

**BROOKVILLE,** 492—Munic. Elec. Lt. Plant.

*Ch. Engr. L. W. Day..........Brookville

1 a. c. G. E. 30 kw. 1100-110 v. s. ph. 125 cys; no day cir; 60 hp. e. L. & B; — hp. b. ——.

L S 1 113

**BURKESVILLE,** 817—C. R. Payne Elec. Lt. Plant.

*Ch. Elecn. Wm. McFarland..Burkesville

1 d. c. 45 kw. 125 v.

City cont. 20 incs. 40 c. p: moonlt.

C L S ✠ 62w

**BURNSIDE,** 1,117—Kentucky Utilities Co. See Lexington.

Energy from Somerset; trans. 6600 v. 3 ph. 60 cys; 6 transf. G. E. tot. 325 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 50 tung. 50 c. p. $15 per yr; mdnt.

D L 3 ✠ 25

**CALHOUN,** 742—Green River Lt. & Wtr. Co.: cap. $20,000.

Pres. L. W. Johnson..............Calhoun

Sec. & Treas. Dr.G.L. Hardesty. "

*Mgr. C. G. Gilmore.............. "

Ch. Engr. J. C. Epey............ "

1 a. c. West. 75 kw. 2400 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Ball; 130 hp. b; also 10 ton ice plant (Vogt.).

City cont. 31 tung. 100 & 60 w. $19.36 per yr: moonlt; coal, pea & slack 4 cts. per bu.

I L S 1 ✠ 25

**CAMPBELLSVILLE,** 1,206—Campbellsville Public Utilities Co. (Successor to Campbellsville Elec. Lt. Co.); cost $53,000; cap. outstg. $25,000, bds. $25,000.

Pres. I. H. Thurman..........Springfield

Sec. H. B. McElroy............ "

*Audr. & Mgr. L.A.Taylor.Campbellsville

1 d. c. Clark 100 kw. 250 v; d. c. nt. ltg. cir. 220 v. 3 wire; 150 hp. e. Bckye; 100 hp. b. Vogt; also 12 ton ice plant.

City cont. 21 arcs 1200 c. p. $50 per yr; 15 incs. 32 c. p. $18 per yr; moonlt. mdnt; coal $2.05.

C I L S ✠ 35

**CARLISLE,** 1,293—Carlisle Elec. Lt. & Pwr. Co.; cap. $13,000; no bds.

Pres. C. C. Cole................. Carlisle

V. Pres. Sam. Holmes............ "

*Sec. & Mgr. M. V. Bostain....... "

Treas. Jno. N. Ross.............. "

2 a. c. Ft. W. tot. 125 kva. 110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 150 hp. e. Allis-C; 300 hp. b. McI. & S, Allis-C.

City cont. 33 arcs "C" 7.5 amp. 400 c. p. $65 per yr; 4 incs. 60 c. p. $25 per yr; moonlt; coal $2.20. (Contemplates installing 20-ton ice plant.)

D L S 2 ✠ 125

**CARROLLTON,** 1,906—Munic. Elec. Lt. Plant; cost $40,000; bds. $20,000.

Mayor, James Gale.............Carrollton

Sec. Jas. G. Ginn............... "

Treas. John Howe............... "

*¶ Supt. & Engr. Pwr. Sta. R. L. Bartlett................. "

2 d.c. Card. tot. 225 kw. 220 v; no day cir; 350 hp. e. H. F. & M, Greenwald; 300 hp. b. H. S. & G.

34 city arcs A. B; 20 city incs. 50 c. p. moonlt: coal $2.50.

C L S 25

**CATLETTSBURG,** 3,520—Boyd County Elec. Co. For executive officers see Ashland.

Supt. E. V. Pryor.............Catlettsburg

Energy from Consolidated Lt., Ht & Pwr. Co., Kenova, W. Va.; 2 transf. 60 kw. 11,000-2200 v. 3 ph; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2 rectifiers G. E. 4 amp. tot. 50 lt.

City cont. 78 G. E. magnetite arcs 4 amp. $54 per yr; all nt.

D L 3 ✠ 26

**CENTRAL CITY,** 2,545—Central City Lt. & Pwr. Co.; cap. stk. $10,000; no bds.

*¶Pres., Mgr., Cont. Agt. & Supt. U. C. Fortney...............Central City

V. Pres. F. I. Fortney........ "

Sec. & Treas. I. V. Fortney... "

Ch. Elecn. R. V. Cason...... "

Engr. Pwr. Sta. T. A. Cason.. "

2 a. c. Bull, Wooley, tot. 190 kw. 2300 v. 3 ph. 60 cys; day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 220 v. s. & 3 ph. 60 cys; 250 hp. e. Sknr; 300 hp. b. Atlas, Lookout.

City cont. 11 arcs A. B., F. T. & Jandus $60 per yr; 46 incs. st. series West. 6.6 amp. $30 per yr; moonlt; slack $1.

D L S 1 3 ✠ 25

**CLAY,** 1,098—Clay Lt. & Ice Co.; cap. outstg. $6,000.

Pres. G. E. Herron.....................Clay

V. Pres. Frank Clark................ "

*¶ Sec., Treas., Mgr. & Cont. Agt. C. R. Clark......................... "

Engr. Pwr. Sta. J. O. Adams........ "

2 a. c. Ft. W. West. tot. 150 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 160 hp. e. Ball, Erie; 200 hp. b. Walton; 10-ton ice plant (Vogt).

City cont. 24 incs. series 100 c. p. $36 per yr; all nt; coal 75 cts. (Contemplates building 14 mile transm. line to Providence and Dixon.)
D I L S 1 ✣ ★25

**CLINTON,** 1,497—Clinton Wtr. & Lt. Co.; cap. auth. $15,000.
*Pres. R. L. Johnson..............Clinton
Supt. Mgr. & Elecn. W. F. Granar "

1 a. c. G. E. 60 kw. 2300-104 v. s. ph. 60 cys; a. c. day cir. 104 v; 90 hp. e. Chuse; 60 hp. b. Atlas, South.

City cont. 45 incs. 50 c. p. $24 per yr; 1000 com. incs. 10 & 8 cts. per kw. moonlt. 1 A. M; coal.
D L S 1 ✣ 34†

**COLUMBIA,** 1,022—Columbia Ltg. Co; cap. $1,200; no bds.
Owners { *A. H. Ballard........Columbia
Mary P. Ballard...... "

1 a.c. Ft. W. 35 kw. 1050 v. s. ph. 140 cys; 1 a. c. 50 kva. 1200 v. 3 ph; 80 hp. e. Rus; 80 hp. b. Brownell.

City cont. 4 tung. 250 w. $50 per yr; 51 incs. 40 & 60 w. $18 per yr; moonlt. 11 P. M; wood $2.25. (Will install 50 hp. crude oil e.)
L S 1 ✣ 125

**CORBIN,** 2,589—*Corbin Wtr. & Lt. Plant.

1 a. c. G. E. 60 kw. 2300 v. s. ph. 60 cys; 2 d. c. Clark tot. 100 kw. 250 v; a. c. nt. ltg. cir. 110 v. 60 cys; d. c. nt. ltg. cir. 220 v; 200 hp. e. Sknr; 125 hp. b.

City cont. 25 arcs 1200 c. p. $72 per yr; 67 Mazdas $18 per yr; all nt; coal $1.
C L S 1 ✣ 75†

**COVINGTON,** 53,270—Union Lt., Ht. & Pwr. Co. Office, 3d & Court Ave. Pwr. plant in Newport. (Consol. of The Kentucky Elec. Co., The Dayton Elec. Co. and The Suburban Elec. Co.) (Controlled through stock ownership by Cincinnati, Newport & Covington Lt. & Trac. Co. Stock leased to Columbia Gas & Elec. Co.); cap. $500,000; bds. $1,608,000.
Pres. W. W. Freeman...........Covington
V. Pres. W. Y. Cartwright..... "
*Sec. & Treas. Polk Laffoon.... "
Ch. Elec. Engr. C. W. DeForest..Newport

4 a. c. G. E, West. 4050 kw. 2300 v. 3 ph. 60 cys; 5 d. c. West, G. E. tot. 3300 kw. 550 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 5100 kw. e. Cpr, Bckye, West; 5000 hp. b. Bab. & W; 2250 kw. turb. (stm.) G. E.

City cont. 1450 series arcs 450 w. $55 to $60 per yr; 500 series incs. 75 w. $28 per yr; moonlt; gas 30 cts per m. first 200,000, 22 cts next 200,000, and 12 cts. next 200,000 and over; coal $1.80. (Co. also lts. Newport, Bellevue, Dayton, Ft. Thomas, Ludlow, Erlanger and Latonia.)
C D L S 1 3 ✣ ★16†

**CYNTHIANA,** 3,962—Kentucky Utilities Co. (Purchased the property of the Cynthiana Elec. Lt. Co. For executive officers, see Lexington.
Engr. Pwr. Sta. C. C. Addams..Cynthiana

3 a. c. Ft. W. tot. 475 kw. 1100 v. s. ph. 133 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110 v; 475 hp. e. L. & B, Greenwald, H.S. & G; 300 hp. b. H. S. & G.

City cont. 48 arcs G. E. 6.6 amp. $85 per yr; 73 incs. G. E. 75 w. $25 per yr; dark hrs; coal $2.35. (Contemplates the installation of additional equipment.)
D L S 1 ✣ ★16W

**DANVILLE,** 5,420—Danville Lt. Pwr. & Trac. Co. (Controlled and operated by The Lt. & Development Co. of St. Louis, Mo.); cap. $100,000.
Pres. H. Wurdack.........St. Louis, Mo.
V. Pres. ———........... " "
Sec. Horace W. Beck...... " "
Treas. E. M. Kurtz........ " "
Mgr. Geo. A. Irvine..............Danville

2 a. c. G. E. 250 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 330 hp. e. Ide; 440 hp. b. Heine.

City cont. 56 a. c. series arcs 6.6 amp. $64.80 per yr; 10 Tung. 70 w. $27.85 per yr; moonlt; coal $2.35 to $2.67.
D L S 2 ★95w

**DAWSON SPRINGS,** 1,350—Dawson Lt. & Pwr. Co.; cap. $10,000.
Pres. O. B. Kevil............Sikeston, Mo.
*¶ Mgr. E. A. Stevens.....Dawson Spgs.

1 d. c. Clark 50 kw. 125 v; d. c. day & nt. ltg. & mo. cir. 110 v; 90 hp. e. Stanwood; 180 hp. b.

City cont. all nt. (Will rebuild power station and install 100 kw. gen. belted to 150 hp. Skinner engine.)
C D L S 45w

**DAYTON,** 6,979—Union Lt., Ht. & Pwr. Co. See Covington.

**EARLINGTON,** 3,931—St. Bernard Mining Co.
Pres. Geo. C. Atkinson........Earlington
*V. Pres. & Gen. Mgr.
Frank D. Rash............... "
Sec. & Treas. Dan M. Evans.... "
¶ Pur. Agt. W. E. Rash........ "
Gen. Supt. A. G. Spillman..... "
Ch. Elecn. N. W. Umstead..... "

2 turbo gen. Curtis, G. E. tot. 700 kw. 2300-110 v. 60 cys; 1 arc Wood 60 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 250 v; 5 b. —— hp.

City cont. 30 enc. arcs Warner 2000 c. p. $45 per yr; 2000 Mazdas 25 w. 7 & 8 cts. per kw; all nt; coal 85 cts.
C D L S 3 ✣ 25

**EDDYVILLE,** 1,210—Munic. Ltg. System; cost $2,500.
Mayor, Dr. J. H. Hussey........Eddyville
*Clerk, J. M. Smith............. "
Treas. W. N. Cummins.......... "

Purchases energy from State Penitentiary; day & nt. ltg. cir.
D L X 25

**ELIZABETHTOWN,** 1,970—Kentucky Utilities Co. See Lexington.
Local Mgr. J. P. Todd.....Elizabethtown

2 a. c. G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 225 hp. e. Harrisb; 240 hp. b.—

City cont. 34 arcs mult. $60 per yr; moonlt; coal $2.50.
D L S 3 ✣ 25

**EMINENCE,** 1,274—Kentucky Utilities Co. See Lexington.

**FALMOUTH,** 1,180—Munic. Light Plant; cost $12,000: bds. $7,500.
Mayor, N. C. Ridgway..........Falmouth
*City Clerk, W. E. Wilson..... "
Engr. Geo. Bradford........... "
Elecn. Louis Bell .............. "

2 a. c. Ft. W. tot. 75 kva. 110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 90 hp. e. (direct connected) Ball; 200 hp. b. H. S. & G.

77 city Mazdas series 100 w; all nt.
D L S 1 125

**FLEMINGSBURG,** 1,219—Flemingsburg Lt. & Ice Co; cap. $8,000; bds. $6,000.
Pres. J. H. Power..........Flemingsburg
V. Pres. J. P. McCartney... "
*Sec. & Mgr. C. E. Cooper... "
Engr. Pwr. Sta. C. H. O'Bannon "

2 d. c. Tri, tot. 60 kw. 250 v; d. c. nt. ltg. cir. 220 v. 2 wire; 75 hp. e. Westg; 120 hp. b. C. & H.

City cont. 1 arc A. B, 550 w. $80 per yr; 50 Tung. 70 w; moonlt. 11 P. M; coal $2.75. (Changing system to a. c. 2300 v.

and installing 75 kva. gen. & engine and 75 kva. generator.)
C L S ✢ 115w

**FT. THOMAS,** 1900—Union Lt., Ht. & Pwr. Co. See Covington.

**FRANKFORT,** 10,465—Kentucky Public Service Co. For executive officers, see Bowling Green.
Supt. E. L. Sellers..............Frankfort
Engr. M. Wood.................. "
2 a. c. G. E. tot. 750 kw. 2200 v. 3 ph. 60 cys; 2 arcs Wood 160 lt; a. c. day & nt. ltg. cir. 110 v; mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. e. Rus, Cor; 300 kva. stm. turb. G. E; 750 hp. b. Vogt; energy purchased from Lexington Utilities Co.
City cont. 100 arcs 6.6 amp. $68 per yr; 30 tung. 80 c. p. $30 per yr; coal $2.40.
D L S 1 3 ✢ 125

**FRANKLIN,** 3,063—Franklin Elec. & Ice Co., Inc.; cap. $40,000; bds. $13,000.
Pres. J. T. Lovell................Franklin
V. Pres. T. J. Brentlinger........ "
Sec. N. T. Conn.................. "
Treas. Jas. Greer................. "
*¶Mgr. M. E. Johnson........... "
Cont. Agt. & Supt. E. J. Berry.. "
Engr. Pwr. Sta. W. W. Hunt.... "
3 a. c. West. tot. 270 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-110 v; 450 hp. e. McE, Ball; 200 hp. b. Vogt; also 18-ton ice plant (Vogt.)
City cont. 75 series incs. 80 c. p. $30 per yr; all nt. moonlt; coal $2.
D I L S 3 ✢ 125

**FULTON,** 2,575—Public Service Co. of Western Kentucky. For executive officers, see Hickman.
Cont. Agt. Geo. D. Stewart........Fulton
Engr. Pwr. Sta. J. W. Stitt......... "
2 a. c. G. E. West. tot. 500 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo cir. 220 v. 3 ph. 60 cys; 600 hp. e. Ham, Cor, Sknr; 425 hp. b. Heine, Vogt.
City cont. 190 incs. mult. 60 c.p. $25 per yr; all nt; coal $1.40. (Also lts. Riceville and So. Fulton, Tenn.)
D L S 3 ✢ ★125

**GEORGETOWN,** 4,533—Georgetown Water, Gas, Elec. & Pwr. Co; cap. $200,000; bds. $100,000.
Pres. R. W. Nelson.............Newport
*¶V. Pres. Mgr. Cont. Agt. &
Supt. S. L. Allen............Georgetown
Sec. D. J. Hauss............Aurora, Ind.
Treas. W. E. Gallagher..........Newport
Engr. Pwr. Sta. Walter Medley
Georgetown
Purchases energy from the Lexington Utilities Co.; 3 transf. West. tot. 450 kw; a. c. day & nt ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 8 arcs magn 550 w. $90 per yr; 171 Mazdas 60 c. p. $25 per yr; all nt.
D L 3 ✢ 16

**GLASGOW,** 2,316—Glasgow Elec. Lt. & Ice Co.; cap. outstg. $50,000; bds. $3,000.
*Pres. & Mgr. B. G. Dickinson...Glasgow
V. Pres. W. F. Richardson....... "
Sec. P. W. Holman............... "
Supt. A. Boyd..................... "
Engr. Pwr. Sta. Virgil Bennett.. "
2 a. c. Allis C. tot. 287½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 287½ hp. turb. (stm.) Kerr; 200 hp. b. Cpr; also ice plant.
City cont. 88 series incs. "C" 6.5 amp. tot. $2,300 per yr; moonlt; coal $2.10.
D I L S 3 ✢ 16

**GRAYSON,** 735—Elec. Light Plant.
*¶Sec. & Treas. J. A. Bagby.....Grayson
Ch. Engr. S. Gard................ "
2 d. c. Northn. 80 kw. 240 v; d. c. nt. ltg. cir. 200-230 v; 40 hp. e. Phoenix; 130 hp. b.
City cont. 63 incs. 40 w. $12 per yr; dusk to 10.30 P. M; morning hrs. in winter; coal.
C L S ✢ 125

**GREENUP,** 680—Greenup Lt. Co.; cap. $4,300.
Pres. J. E. Pollock...............Greenup
*¶ Sec. & Mgr. R. E. Wilson..... "
60 incs.
L 125

**GREENVILLE,** 1,604—Greenville Lt. & Water Co.; cap. $37,900.
Pres. L. W. Irwin..............Greenville
V. Pres. W. J. Murphy.......... "
¶Sec., Treas., Mgr. & Cont. Agt.
J. A. Gilman....................... "
Engr. Pwr. Sta. J. A. Rose...... "
1 a. c. G. E. 105 kw. 2200 v. 3 ph. 60 cys; 1 d. c. arc. G. E. 25 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 3 ph. 60 cys; 197 h. p. e. Ridgway; 300 hp. b. C. J. Walton & Son; operates 15-ton ice plant.
City cont. 22 arcs G. E. 6.6 amp. $60 per yr; moonlt; coal $1.50.
D I L S 3 ✢ 74

**GUTHRIE,** 1,096—South Kentucky Pwr. Co. See Pembroke.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 52 incs. nitro. 60 w. tot. $75 per mo; moonlt.
D L 3 ★16

**HARLAN,** 361—Kentucky Utilities Co. (Successors to Howard Lt. & Htg. Co.) For officers, see Lexington.
1 a. c. Willey 2200 v. 3 ph. 60 cys; 110 hp. e. Stanwood; 80 hp. b. Stanwood.
City cont. —— tung; all nt; coal 75 cts. (Trans. line from under construction from Harlan to Varilla.)
L S 3 ✢ 55w

**HARRODSBURG,** 3,147—Munic Elec. Lt. & Pwr. Plant; cost $39,000; bds. $9,000.
Sec. & Treas. T. H. Grimes..Harrodsburg
*¶ Supt. Albert Riley........ "
Engrs. Pwr. Sta. { L. M. Reed....... "
C. Riley.......... "
3 d. c. Clark, tot. 700 kw. 220 v; 1 d. c. gen. 150 kw. 250 v. direct connected to 240 hp. e. Ridg; d. c. day & nt. ltg. & mo. cir. 250 v; 285 hp. e. Sknr; 400 hp. b. Walton.
145 carbon incs. 25 c. p. $15 per yr; all dark hrs; coal $2.15.
C D L S ★125

**HARTFORD,** 976—Kentucky Lt. & Pwr. Co.; cap. auth. $6,000.
Pres. M. L. Heavrin..............Hartford
*V. Pres. & Treas. E. M. Woodward "
¶ Sec. & Gen Mgr. E. G. Barrass "
Engr. Pwr. Sta. Jesse Carter.... "
1 a. c. Ft. W. 40 kw. 1100-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. s. ph. 60 cys; 100 hp. e. Atlas.
City cont. arcs —— c. p. $72 per yr; 45 incs. 32 c. p. tot $672 per yr; mdnt; coal $800 per yr. (Co. also lts. Beaver Dam.)
L S 1 ✢ 22

**HAWESVILLE,** 1,002—Hawesville Elec. Lt., Ht. & Pwr. Co.; cap. auth. & pd. in $3,000.
Pres. & Treas. Mrs. I. C. Adair...Hawesville
*¶ Sec. & Mgr. Geo. C. Wilson. "
Ch. Engr. & Elecn. Geo. Wheeler "
1 a. c. Royal 1000-100 v. 3 ph 133 cys; 500 a. c. incs; no day cir; 100 hp. e. Sknr; 75 hp. b. C. & T.
City cont. 40 incs. 32 c. p. $12 per yr.
L S 3 34†

**HAZARD,** 3,000—Kentucky River Pwr. Co., cap. outstg. $100,000.
Pres. L. E. Woods........Welch, W. Va.

¶Sec. & Treas.
W. J. O'Toole..............Welch, W. Va.
*Mgr. & Cont. Agt. R. L. Cornell..Hazard
Engr. Pwr. Sta. J. M. Wilson.... "

1 a. c. West. 400 kw 2300 v. 3 ph. 60 cys; trans. volt. 33,000 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 500 hp. e. Ham. Cor; 300 hp. b. W. & W.

Coal 50 cts. (Energy sold in bulk to coal operations. Will do munic. and com. lt. & pwr. business in Hazard.) (Installing 750 hp. e. Penn., 1 G. E gen. 500 kw. 2300 v. 3 ph. 60 cys. and 1-150 hp. boiler. Also erecting 10 miles of 33,000 v. trans. lines and 5 miles of 2300 v distribution lines. Will erect new plant and install 1 turbo-gen. 1500 kva. and 2-500 hp. b.)

D N S 3 §125

**HENDERSON,** 11,452—Munic. Elec. Lt. Plant; cost $231,558.07; no bds.
*¶ Supt. L. P. Hite..............Henderson

4 a. c. Bull. Westg. tot. 1800 kw. 2200-104 v. s. & 3 ph. 60 cys; a. c. day cir. 208-104 v; a. c. pwr. cir. 208-104 v; 1775 hp. b. Stir, Atlas; 1500 kw. turb. (stm.) Westg.

All nt; coal $1. (Sells energy to Henderson Trac. Co. and Evansville, Henderson & Owensboro Ry. Co.)

D L S 1 3 125

**HICKMAN,** 2,736—Public Service Co. of Western Ky. (Consolidation of Fulton Elec. Lt. & Pwr. Co. and Hickman Elec., Ice & Wtr. Co.) (Owned and operated by National Lt. & Pwr. Co., St. Louis, Mo.); cap. outstdg. $140,000; bds. $125,000.

Pres. Judson H. Boughton...
V. Pres. Wm. C. Morehead..
Sec. & Treas. Leland Lowe.
Audr. H. C. Degner........
¶Pur. Agts. National Lt. & Pwr. Co....................
1148 Pierce Bldg., St. Louis, Mo.
Gen. Mgr. D. H. Skeen............Fulton
*Local Mgr. Doyle Jurney..... Hickman
Engr. Pwr. Sta. A. B. Hughes.. "

2 a. c. West. G. E. tot 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Sknr, Chuse; 250 hp. b. Rohan; also ice plant.

City cont. 100 incs. series 60 c. p. $25 per yr; all nt; coal $2.10.

D I L S 3 ✣ ★125

**HIGHLAND PARK,** 1,977—Louisville Gas & Elec. Co. See Louisville.

**HODGENVILLE,** 744 — Hodgenville Elec. Lt. Plant.
*Pres. & Mgr.
C. L. Herrin ...............Hodgenville
Sec. & Treas. J. F. Herrin... "
Ch. Engr. & Elecn.
W. P. Vaughn............. "

1 d. c. West. 70 kw. 250 v; d c. nt. ltg. cir. 220 v; 100 hp. e. Atlas; 125 hp. b. Atlas.

City cont. 38 Mazdas $20 per yr. moonlt. 11 P. M; coal.

C L S ✣ 125

**HOPKINSVILLE,** 9,419 — Kentucky Public Service Co. For officers, see Bowling Green.
Local Supt. A. C. Choate...Hopkinsville
Engr. Pwr. Sta. B. C. Bostick "

2 a.c. Bull. tot. 450 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-120 v; a. c. pwr. cir. 220-110 v; 850 hp. e. Cpr, Mur; 375 hp. b. Walton.

City cont. 20 Mazdas 600 c. p. $65 per yr; 90 Mazdas 400 c. p. $50 per yr; 55 Mazdas 100 c. p. $20 per yr; all nt; coal $2 (33,000 v. trans. to Clarksville, Tenn; sells energy to South Kentucky Pwr. Co., Pembroke.) (New plant under construction.)

D N S 2 ✣ 125

**JACKSON,** 1,346—Day Elec. & Coal Co. (Ice factory and light plant in connection with sawmill).
*Mgr. C. D. Lawrence...........Jackson
No day cir.

City cont. 135 incs. 32 c. p. carbon. $15 per yr; coal.

I L 103†

**LAFAYETTE,** 266—Lafayette Ice & Elec. Co.; cap. stk. $7,000.
*Owners & Mgrs.
Samuel Bumpus & Son.......Lafayette

1 d. c. Nor. 12 kw. 125 v; 25 hp. e. Frick; 35 hp. b C. & T.

Coal 8 cts. per bush; wood $2 per cord.

C I L S 25

**LANCASTER,** 1,507 — Lancaster Elec. Lt. Plant.
*Supt. C. C. Rose..............Lancaster

2 d. c. Clark 100 kw. 250 v; no day cir; 100 hp. e. Bckye; — hp. b. —

City cont. 12 arcs — c.p. and 28 incs. 24 c. p. tot. $984 per yr.

C L S ✣ 114E

**LATONIA,** 1,882—The Union Lt., Ht. & Pwr. Co. See Covington.

**LAWRENCEBURG,** 1,723—Kentucky Utilities Co. See Versailles.

a. c. nt. ltg. cir. 104 v. 60 cys.

City cont. 26 arcs 1200 c. p. $85 per yr; —— tung. 60 w. $18 per yr; moonlt.

L X ✣ 35

**LEBANON,** 3,077—Lebanon Lt., Ice & Pwr. Co.; cap. $25,000.
Pres. T. M. Estes...............Lebanon
Sec. & Treas. J. A. Kelly....... "
*¶ Supt. & Ch. Engr. R.T. Melton "

1 arc Ft. W. 60 lt; 1 d. c. Westg. 30 kw. 120 v; 2 a. c. West. tot. 250 kw. 1200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir; 450 hp. e. Bckye, L & B Cor; 500 hp. b. Walton, C. & H; 15 ton ice plant.

City cont. 40 arcs Ft. W. Wood 2000 c. p. $80 per yr; 20 incs. "C" 60 w; moonlt; coal $2.50.

C D I L S 3 ✣ 125

**LEITCHFIELD,** 914—Leitchfield Elec. Lt. & Pwr. Plant. (Owned and operated by Continental Utilities Co., Lansing Mich., which see for executive officers.)
Supt. F. E. Andrews...........Leitchfield

1 d. c. West 50 kw. 220 v. direct connected to 50 kw. e. Sknr; U. S. Lt. stor. bat. 220 v. 60 amp.-hrs; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220-110 v; 120 hp. b. C. & H.

City cont. 36 mult. tung 100 w. $22 per yr; 12:15 A. M.; coal $1 per ton.

C D G L ✣ ★125

**LEWISPORT,** 596—Lewisport Elec. Lt. Plant; cost $4,000.
*Owner & Mgr. Jesse C. Emmick
Lewisport

1 d. c. W. E. 120 amp. 220 v; d. c. nt. ltg. cir. 220 v; 50 hp. e. Atlas; 50 hp. b. Gem City.

City cont. 66 incs. 25 w. $6 per yr; coal 85 cts.

C L S ✣ 16

**LEXINGTON,** 35,099—Lexington Utilities Co. (Owned and operated by Kentucky Securities Co.); cap. $100,000; bds. $750,000.
Pres. Percy M. Chandler
1338 Chestnut St., Phila., Pa,
V. Pres. F. W. Bacon..........Lexington
Sec. T. D. Murray............. "
Treas. J. Will Stoll............ "
Audr. G. L. Langton.......... "
¶Pur. Agt. Miss M B. McCann "
*Supt. of Product.
A. A. Robertson............. "
Elecl. Engr. J. P. Pope........ "

Engr. Pwr. Sta. M. P. York....Lexington
Elecn. Pwr. Sta. J. C. Rowland "

2 a. c. G. E. tot. 5000 kw. 4000-2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 1500 kw. 600 v; trans. volt 33,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 600 v; 2524 hp. b. Edge, Bab. & W; 5000 kw. turb. (stm.) G. E; also 80-ton ice plant (City Ice Co.)

City cont. 550 arcs d. c. series 490 w. $74 per yr; 45 Mazdas 100 w. $27.50 per yr; 45 Mazdas 40 w. $6.55 per yr; 180 Mazdas 25 w. $4.20 per yr; all nt; coal $2.00. (Co. sells energy to Ky. Public Service Co. at Frankfort, Ky. Utilities Co. at Versailles for ltg. Versailles, Midway, Tyrone and Lawrenceburg, and at Lexington for Winchester and Mt. Sterling; also sells energy in bulk to Georgetown Wtr., Gas, Elec. & Pwr. Co. and Paris Gas & Elec. Co.)

C D I R S 3 25

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Kentucky Utilities Co. Office, City Natl. Bank Bldg. (Subsidiary of the Middle West Utilities Co.) (Operates plants in Elizabethtown, Middlesborough, Cynthiana, Varilla, Pineville, Richmond, Shelbyville, Somerset, Harlan, and Winchester; purchases energy from Lexington Utilities Co; also serves Burnside, Midway, Versailles, Eminence, Ferguson, Lawrenceburg, Mt. Sterling, New Castle, No. Pleasureville, Pleasureville and Tyrone.) (Owns Powell Valley Lt. & Pwr. Co.. Big Stone Gap, Va.)

Pres. Harry Reid..............Lexington
V. Pres. —— ——..............——
*Sec. & Treas. A. A. Tuttle....Lexington
Mgr. & Engr. G. E. Hyde...... "
Cont. Agt. C. J. Eaton......... "
¶ Pur. Agt. Mr. Slate.......... "

L 25

**LIBERTY,** 450—Liberty Roller Mill Co.

Owners,
*W. C. Cundiff.........Liberty
L. W. Cundiff.......... "
C. C. Combest.......... "

1 d. c. F. M. & Co. 15 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 110 v. stor. bat. E. S. B.

Wood $2.25.

C D L 25

**LIVERMORE,** 1,220—Public Service Co. (Successor to The Smith Cooperage Co.)

*Owner & Mgr. W. S. Trunnell..Livermore

1 a. c. G. E. 75 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110-220 v. 3 ph. 60 cys; 138 hp. e. West; 275 hp. b.; 20-ton ice plant.

City cont. 25 tungsten 60 w. 12½ cts. per kw; all nt. except moonlt; coal & wood.

I L S 3 ✠ 125

**LONDON,** 1,638—London Elec. Lt. & Pwr. Co.; cap. $10,000; no bds.

*¶Pres., Mgr. & Cont. Agt.
W. F. Raymer....................London
V. Pres. W. J. Johnson........... "
Sec. & Treas. J. B. Eberlein...... "
Engr. Pwr. Sta. A. B. Brown.... "

1 a. c. G. E. 90 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v; a. c. nt. mo. cir. 110 v; 154 hp. e. Erie; 125 hp. b. Atlas.

City cont. 7 arcs series 6.6 amp. $60 per yr; 40 incs. series mult. 6.6 amp. 60 w. $15 per yr; moonlt; coal $1.50.

L S 1 ✠ 125

**LOUISVILLE,** 237,752—Louisville Gas & Elec. Co., 311 W. Chestnut St. (Consolidation of the Louisville Ltg. Co., Louisville Gas Co., Kentucky Htg. Co., and the purchase of Kentucky Elec. Co,, George G. Fetter Ltg. & Htg. Co. and Campbell Elec. Co.) (Controlled through stock ownership by the Louisville Gas & Elec. Co. of Delaware, which is controlled by the Standard Gas & Elec. Co., in conjunction with the Mississippi Valley Gas & Elec. Co); cap. $10,324,300; bds. $11,621,000.

Pres. Gen. Geo. H. Harries....Louisville

V. Prests.
Gen. Mgr.
Donald McDonald.. "
Jas. B. Brown........ "
M. A. Morrison....Chicago, Ill.
F. C. Gordon......... "

*Sec. & Treas. T. B. Wilson....Louisville
Asst. Sec. & Asst. Treas.
F. A. Nobbe....................... "
Audr. L. S. Mayer................ "
¶ Pur. Agt. Graham Davies.... "
New Bus. Mgr. & Cont. Agt.
Robt. Montgomery............. "
Supt. Elec. Dept.
L. S. Streng....................... "
Elec. Oper. Engr. Edwin D. Wood "
Mech. Oper. Engr. Jno. F. Hurst "

6 a. c. G. E, Westg. tot. 25,000 kw. 2200-6600 v. 2 & 3 ph. 60 cys; trans. volt. 6600-2200 v. s, 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. s, 2 & 3 ph. 60 cys; 25,000 kw. stm. turb. G. E. West.; 12,000 hp. b. Bab. & W, Vogt. Sterling; 240 amp.-hr. stor. bat. E. S. B. 125 v.; also stm. htg. and ice plant.

City cont. 3112 arcs magn. 4 amp. $56 & $60 per yr; all nt; coal $1.11 & $1.65. (Co. also lts. Harrods Creek, Highland Park, Jeffersontown, Lyndon, Oakdale, St. Matthews, Southern Heights, Warwick Villa, Lakeland, Anchorage, Middletown, Crestwood and St. Helens and supplies power to the Louisville & Southern Indiana Trac. Co.)

D H I L S 2 3 ★125

**LUDLOW,** 4,163—Union Lt., Ht. & Pwr. Co. See Covington.

**MADISONVILLE,** 4,966—Munic. Lt. & Wtr. Plant; cost $42,000.

*¶Mgr. and Supt. Rankin Eastin
Madisonville
Engr. Pwr. Sta. Ollie Thomas "

2 a. c. W. E. Allis-C. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 400 hp. e. Ham, H. & T; 450 hp. b. Atlas, Brnl.

110 city nitrogen lamps 6.6 amps; moonlt; coal 25 cts. per ton.

D L S 3 75

**MARION,** 1,627—Marion Elec. Lt. & Ice Co.; cap. $10,000; no bds.

¶ Pres. & Mgr. S. M. Jenkins....Marion
V. Pres. E. W. Jenkins.......... "
*Sec. & Treas. R. M. Jenkins..... "
Supt. G. U. Dollor................. "
Ch. Engr. Wiley McCain.......... "
Ch. Elecn. Harley Carnahan....... "

1 a. c. Ft. W. 1000-100 v. s. ph. 60 cys; a. c. pwr. cir. 100 v; 128 hp. e. Heilman; 150 hp. b. Heilman.

City cont. 33 arcs 600 c. p. $65 per yr; moonlt.

L S 1 ✠ 11

**MAYFIELD,** 5,916—Mayfield Water & Lt. Co.; cap. auth. $100,000; bds. auth. $125,000.

Pres. L. W. Key.....................Mayfield
V. Pres. Chas. D. Pierce........Louisville
*Sec. John W. Landrum .........Mayfield
Treas. C. P. Key.................. "
Supt. C. R. Boone................ "
Ch. Engr. & Elecn. D. H. Thompson "

2 a. c. Allis C, West tot. 800 kw. 2800-110 v. 3 ph. 60 cys: a.c. day cir. 110 v; pwr. cir. 110-220 v. s. & 3 ph; 1200 hp. e. Reynolds; 1200 hp. b. Erie, Stir.

City cont. 86 arcs 6.6 amp. $80 per yr; moonlt; coal $1.27½.

D L S 1 3 ✠ 23

**MAYSVILLE,** 6,141—Maysville Gas Co. (Owned by Maysville Public Service Co.): cap. $15,300; bds. $126,500, 5 p. c. int.

*¶ Pres. & Mgr. Horace J. Cochran, Maysville
Sec. & Treas. R. A. Cochran... "
2 d. c. pwr. West. tot. 300 kw. 550 v; 2 a. c. G. E. tot. 350 kw. 2300 v. 2 ph. 60 cys; 200 kw. incs; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. pwr. cir. 220-110 v. s. & 2 ph. 60 cys; 600 hp. e. Greenwald; 600 hp. b. McIlvaine & Spiegel.
City cont. 95 Mazdas, type "C" series 400 c.p. $55 per yr; 16 type "C" Mazdas 100 c. p. series $22.95 per yr; 53 type "C" "C" Mazdas 80 c. p. series $18.70 per yr; 37 Mazdas type "B" 40 c.p. $17 per yr; all nt; coal $1.60. (Co. furnishes energy to Maysville St. R. R. & Transfer Co.)
C D L S 1 2 ✠ 125

**MIDDLESBOROUGH,** 7,305 — Kentucky Utilities Co. For executive officers, see Lexington.
Local Mgr. W. H. Squires.. Middlesborough
1 rect. G. E. 75 lt; 1 a. c. G. E. 260 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. ———; 400 hp. b. Phoenix, Brnl. Energy from Varilla also; 9 transf. G. E, West. tot. 1700 kw.
City cont. 43 arcs A-B. $72 per yr; all nt; coal 70 cts.
D L S 3 ✠ 25

**MONTICELLO,** 1,338—Monticello Elec. Lt. & Pwr. Co; cap. $6,000.
Pres. W. R. Myers..............Columbia
*¶Sec. & Mgr. R. A. Myers....Monticello
Engr. Pwr. Sta. G. W. Towles.. "
1 d. c. com. 100 kw. 250 v; 150 hp. e. Atlas; 100 hp. turb.
City cont. 16 arcs A. B. & 30 incs. 50 c. p. tot. $105 per mo: moonlt. 12 P. M; coal & slack $2.65 & $1.95
C L S ✠ 74

**MOREHEAD,** 1,105—*Munic. Elec. Lt. Plant; cost $10,000; bds. $4,000.
City Clerk, J. H. Powers.......Morehead
Mgr. E. E. Maggard............ "
Engr. Pwr. Sta. Frank Trinbo. "
1 a. c. Ft. W. 50 kw. 1150-1100-110 v. s. ph. 60 cys; a. c. nt. ltg cir; 75 hp. e Buffalo; 125 hp. b. H. S. & G.
8 city arcs A. B. 3.5 amp; 200 city incs. 40 w; mdnt. moonlt; coal $1.80.
L S 1 ✠ 103w

**MORGANFIELD,** 2,725—Morganfield Lt. & Pwr. Co. Inc.; cap. $5,000; bds. $10,000.
*Pres. Treas. & Mgr.
F. W. Gilbert...............Morganfield
V. Pres. & Supt. R. S. Pride.. "
2 a. c. G. E. tot. 270 kw. 2300 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 115-230 v; 350 hp. e. Rus; 450 hp. b. Frmn.
City cont. 22 series arcs W. E. 6.6 amp. $64.90 per yr; 42 series Mazdas 80 c. p. $25.50 per yr; all nt; coal 76½ cts.
D L S 1 ✠ 125

**MT. STERLING,** 3,932 — Kentucky Utilities Co. See Lexington.

**MURRAY,** 2,089—City Light Co.; cost $27,000.
*Mgr. J. T. Wells...................Murray
2 d. c. Tri. tot. 21 kw. 250 v; 1 a. c. Westg. 75 kw. 1100 v. s. ph. 60 cys; a. c. day ltg. cir. 50 amp. 110-108-106 v. 60 cys; a. c. pwr. cir. 1100 v. s. ph. 60 cys; d. c. nt. ltg. cir, 50 amp 250 v; 160 hp. e. Southern; 150 hp. b. Atlas.
City cont. 8 Tung. 250 w. $72 per yr; 77 Tung. 100 w. $14.76 per yr; moonlt. 11.30 P.M; coal $2.50.
C D L S 1 ✠ 34†

**NEWPORT,** 30,309—The Union Lt., Ht. & Pwr. Co. See Covington.

**NICHOLASVILLE,** 2,935 — Munic. Elec. Lt. Plant; cost $20,000.
*¶ Mgr. & Engr. Pwr. Sta.
E. J. Glass.................Nicholasville
Supt. J. D. Hughes......... "
2 a. c. Ft. W. tot. 215 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 835 hp. e. Greenwald, Brnl; 300 hp. b. Brownell, H, S. & G.
60 city arcs A. B, Ft.W. 400 w. $40 per yr; moonlt; coal $2.20.
D L S 1 73

**OWENSBORO,** 16,011—*Munic. Elec. Lt. Plant, 208 W. 3d St.; cost $260,000.
¶ Mgr., Cont. Agt. & Supt.
Asa Williams................Owensboro
Engr. Pwr. Sta. Wm. Wason.. "
3 a. c. West. Allis-C. tot. 2000 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-110 v. s. 2 & 3 ph. 60 cys; 1200 hp. e. Allis C, West; 1600 hp. stm. turb. West; 1800 hp. b. Stir.
284 city arcs W. E. 6 amps. $75 per yr; moonlt; slack, pea, 95 cts.
D L S 1 2 3 14w

**OWENTON,** 1,024 — Owenton Roller Mills & Elec. Lt. Plant.
*Propr. W. E. Arnold............Owenton
1 d. c. Clark 30 kw. 250 v; d. c. day & nt. ltg. cir. 230-250 v; 85 hp. e. (oil) Columbus F. M. & Co.
City cont. 40 Mazdas 100 w. tot. $800 per yr; mdnt; oil 8 cts.
C D G L ✠ 125

**PADUCAH,** 22,760—Munic. Elec. Lt. Plant; cost $30,000.
Commr. Public Wks.
L. A. Washington...............Paducah
*Gen. Supt. W. W. Force........ "
Ch. Engr. Pwr. Sta. Robt. Moore "
3 d. c. arc G.E. tot. 375 lt; no day cir; 600 hp. e. H.O. & R; 330 hp. b. O'Br, Stir.
250 city arcs G. E. magn. 2000 c. p. $40.40 per yr; moonlt; coal 95 cts.
C L S ✠ 75

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Paducah Trac. & Lt. Co. (Owns and controls The Paducah Lt. & Pwr. Co. and The Paducah Trac. Co. Total generating capacity 1,830 kw.); cap. $500,000 (prfd.), $1,000,000 (com.); bds. $640,000.
Pres. Frederick P. Royce.
147 Milk St, Boston, Mass.
V. Prests. { Dwight P. Robinson, "
{ Harry T. Edgar. "
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster Mgt. Assn., Boston, Mass
Operating Mgr. W. Lawrence Weston Paducah
Com'l. Agt. John J. Kates....... "
Gen. Supt. Fred. Cloen.......... "
Eng. Pwr. Sta. Jos. Jacobs...... "
3 a. c. G. E, Bull. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 680 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440 v; d. c. pwr. cir. 500 v; 2350 hp. e. Rus, Ham, Cor; 2249 hp. b. Stir; also stm. htg.
Coal slack $1.40.
C D H R S 3 ✠ 25

**PAINTSVILLE,** 942—Paintsville Wtr. & Lt. Co.; cap. stk. $20,000; no bds.
Pres. & Treas.
John G. Smith......Fairmount, W. Va.
*¶ V. Pres., Mgr. & Cont. Agt.
H. M. Stafford ..............Paintsville
Sec. Wm. M. T. Hurd............Jenkins
Purchases energy from Consol. Coal Co., Van Lear: 7 transf. West; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 53 tung. $30 per yr; all nt; coal. (Co. also lts. Thealka and Junction City.)
D L 3 ✠ 75

**PARIS,** 5,859—Paris Gas & Elec. Co. (Controlled and operated by The Lt. & Devel. Co. of St. Louis, Mo.); cap. auth. $75,000; bds. $50,000.

Pres. H. Wurdack..........St. Louis, Mo.
V. Pres. —— —— .......... "
Sec. H. Beck.............. "
Treas. E. M. Kurtz.......... "
Mgr. C. L. Steenbergen ............Paris
¶ Cont. Agt. Phil. Zigenfuss......... "
Ch. Elecn. J. W. James.............. "

2 a. c. G. E. tot. 825 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. ph. 60 cys. 300 hp. e. Greenwald; 400 hp. b. Tudor; energy also from Lexington Utilities Co.

City cont. 38 incs. "C" 400 c. p. 6.6 amp. $70 per yr; 221 incs. 80 c. p. 6.6 amp. $22.50 per yr; all nt; coal $2.10.

D L S 1 3 ✠ ★95W

**PEMBROKE,** 731—South Kentucky Pwr. Co. (In 1916, purchased the property of the Guthrie Milling Co.) Gen. office, Nashville, Tenn; cap. stk. $100,000.

Pres. & Ch. Engr. H. S. Badger, Nashville, Tenn.
V. Pres. Tom G. Kittrell. " "
Sec. & Treas. Art J. Dyer " "
*¶ Mgr. S. G. Ragsdale........Pembroke
Audr. F. L. Sherman....Nashville, Tenn.

Purchases energy from Kentucky Public Service Co., Hopkinsville: 3 transf. G.E. tot. 60 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 31 incs. nitro. 60 w. tot. $50 per mo; moonlt. (Also lts. Trenton, 25 incs. nitro. 60 w. tot. $40 per mo., and Guthrie, 52 incs. nitro. tot. $75 per mo.)

D L 3 ✠ 125

**PERRYVILLE,** 407—Perryville Ice & Lt. Plant; cost $12,000.

*Owners, Russell Bros.........Perryville
Ch. Engr. F. J. Maver.......... "

1 d. c. W. E. —— kw. 110 v; d. c. ltg. & mo. (4 to 11 P. M.) cir; 65 hp. e. Atlas, Frick; 75 hp. b. Pyne; also ice plant.

City cont. 4 to 11 P. M. moonlt; coal $2 25.

C I L S ✠ ★115

**PIKEVILLE,** 1,208—The Sandy Valley Lt. & Pwr. Co., Inc. (Successor to Pike Lt. & Pwr. Co.); cap. $20,000; no bds.

Pres. E. Drenen........ .........Jenkins
*Mgr. L. L. Stone................Pikeville

Purchases current from the Consol. Coal Co., Jenkins; trans. volt. 40,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v.

City cont. 22 arcs mult. West. 3 amp. $50 per yr; 24 Mazdas 60 w. $25 per yr; moonlt. all nt.

D L 3 ✠ 93

**PINEVILLE,** 2,161—Kentucky Utilities Co. For executive officers, see Lexington.

Local Mgr. W. H. Squires.......Pineville

2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 200 hp. e. H. M. & B; 200 hp. b. Atlas; 15-ton ice plant.

City cont. 25 series arcs Ft. W. 6.6 amp. $72 per yr; 45 series incs. 6.6 amp. $18 per yr; all nt. except moonlt; coal 75 cts.

D I L S 3 ✠ 25

**PRINCETON,** 3,015—Princeton Lt. & Pwr. Co; cap. $20,000; no bds.

Pres. B. E. Holman....Fayetteville, Tenn.
*V. Pres. Thos. Holman........Princeton
¶ Sec. Treas. Mgr. & Supt. W. J. Holman................. "
Engr. Pwr. Sta. L. T. Williams.. "

2 a.c. G.E. tot. 290 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 325 hp. e. Rus, L. & B.; 350 hp. b. O'Br; ice plant.

City cont. 13 arcs series 6.6 amp. $72 per yr; 106 incs. 50 c.p. 6.6 amp. $22,80 per yr; moonlt. all nt; coal $1.40.

I L S 1 3 ✠ 14

**PROVIDENCE,** 2,084—Providence Electric Light Co.; cap. $3,000.

Pres. & Supt. W. J. Nisbet....Providence
*Mgr. & Ch. Elecn. J. J. Woodson, Jr............. "

1 a. c. Ft. W. 75 kw 1100-100 v. 2 ph. 140 cys; 168 hp. e. McE; 450 hp. b.

Coal $1.

L S 2 ✠ 125

**RICHMOND,** 5,340—Kentucky Utilities Co. For executive officers, see Lexington.

Local Mgr. W. P. Hackett.....Richmond
Engrs. Pwr. Sta. { Alex. Todd......... "
{ Wm. Doty.......... "

3 a. c. G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 125 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Ball; 300 hp. b. Erie, H. S. & G.

City cont. 44 arcs G. E. magn. 4 amp. $90 per yr; 144 incs. 60 w. $20 per yr; all nt; coal $2.05.

D L S 3 ✠ 25

**RUSSELLVILLE,** 3,111—Munic. Elec. Lt. & Wtr. Plant.

Treas. Joe Hopson..............Russellville
¶Cont. Agt Chas. Moore...... "
*Mgr. J. H. Poindexter....... "
Ch. Engr. Pwr. Sta. H. Cordor "

1 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v; 150 hp. e. Skinr; 375 hp. b. Vogt.

291 city incs. series & mult; moonlt; coal $1 85.

D L S 3 75

**SCOTTSVILLE,** 1,327—Scottsville Elec. Lt. Plant; cap. outstg. $5500; no bds.

*Lessee, J. W. Hood..............Glasgow

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir; 100 hp. e. Mur, Cor; 100 hp. b. Atlas.

City cont. 68 incs. $18 per yr; wood and dust tot. $65 per mo. (Contemplates installing motors and boiler, and establishing day service.)

L S 3 125

**SEBREE,** 1,500—Warren Lt. & Pwr. Co.

*¶Owner, G. H. Warren & Sons....Sebree
Mgr. & Engr. Pwr. Sta. Jno. L. Ramsey................. "

1 a. c. Wood 120 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Hielman; 200 hp. b. Pelz.

City cont. 34 incs. $21 per yr; all nt; coal 75 cts.

L S 1 ✠ 113w

**SHELBYVILLE,** 3,412—Kentucky Utilities Co. For executive officers see Lexington.

Local Mgr. C. Van Kersdel...Shelbyville
Engr. Pwr. Sta. T. H. Farmer. "

8 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 rect. Pitts. 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. H. F. & M, Sknr, McE; 400 hp. b. Vogt.

City cont. 47 enc. arcs 2000 c.p. $80 per yr; all nt; coal $2.70. (Trans. 11,000 v. to Pleasureville, Eminence and New Castle.)

D L S 3 ✠ 25

**SHEPHERDSVILLE,** 318—Shepherdsville Elec. Lt., Ice & Wtr. Co., Inc.

Pres. Dr. S. W. Bates.....Shepherdsville
V. Pres. Dr. S. H. Ridgway "
*Sec. Conrad Maraman.... "
Treas. C. F. Troutman.... "
Mgr. & Ch. Engr. W. E. Ashby............ "
Engr. Pwr. Sta. H. L. Formhals......... "

2 d. c. Clark, F. M. & Co. tot. 28.5 kw. 125 v; d. c. day & nt. ltg. cir. 110-125 v; no mo. cir; 32 hp. e. Troy; 6 hp. e. (gas) F. M. & Co; 60 hp. b. Vogt; Phila. Accumulator elec. stor. bat. 110 v. 24 amp. hrs; also ice plant.
City cont. 17 tung. 100 w. $12 per yr; 10:30 P.M; coal 75 cts.
C D G L S ✣ 125

**SOMERSET,** 4,491—Kentucky Utilities Co. For executive officers, see Lexington.
Local Mgr. F. J. Spaigel........Somerset
1 a. c. turbo-gen. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 150 hp. e. Ide; 600 hp. b. Vogt; 30-ton ice plant.
City cont. 79 arcs 1200 c. p. $75 per yr; all nt; coal $1.80. (Trans. 6600 v. to Burnside.)
D I L S 3 ✣ 25

**SPRINGFIELD,** 1,329 — Springfield Water & Elec. Lt. Co., Inc; cap. $11,000; bds. $12,500.
Pres. I. H. Thurman..........Springfield
V. Pres. John R. Barber...... "
*¶Sec. Mgr. Cont. Agt. & Supt.
H. B. McElroy.............. "
Treas. J. A. Boulevare........ "
Engr. Pwr. Sta. W. B. Holderman "
1 d. c. Wiley 100 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 165 hp. e. Sknr; 400 hp. b. Vogt, Zier; also ice plant.
City cont. 17 A. B. enc. arcs 2000 c. p. $70 per yr; 17 incs. "C" 1000 w. $70 per yr; moonlt; coal $2.15. (Contemplate changing system to a. c.)
C D I L S ✣ 16

**STANFORD,** 1,532—Stanford Water, Lt. & Ice Co.; cap. auth. $100,000; pd. in $56,000, 6 p. c. div; no bds.
*Pres. G. D. Florence...........Stanford
V. Pres. J. F. Peyton.......... "
Sec. & Treas. G. L. Penny..... "
¶ Mgr. & Ch. Elecn. B. F. Rout. "
1 a. c. Bull. 45 kw. 2200-110 v. 2 ph. 60 cys; 1 arc. Ft. W. 45 lt; no day cir; 225 hp. e. Allis-C; 400 hp. b. Vogt.
City cont. 25 arcs 1200 c. p. $60 per yr; moonlt; coal.
L S 2 23

**STURGIS,** 1,467—Sturgis Elec. Lt. Co.; cap. $15,000.
Pres. C. F. Richardson............Sturgis
V. Pres & Mgr. C. D. Burdick.... "
Sec. & Treas. J. N. Raulins........ "
¶ Pur. Agt. William S. Williams... "
*Supt. & Engr. Pwr. Sta.
Sherman Melton.................. "
1 d. c. West. 300 kw. 250 v; 1 a. c. West. 165 kw. 2200 v. 2 ph. 60 cys; 1 arc 25 lt; a. c. day & nt. ltg. & mo. cir. 110-220 v; d. c. day & nt. ltg. cir. 125-250 v; d. c. mo. cir. 250 v; 750 hp. e. Ball; 750 hp. b. Milne.
City cont. 20 arcs. a. c. series Westg. $60 per yr;——Mazdas&Carbon 16-150 c.p; midnt; coal.
C D L S 2 ✣ 125

**TRENTON,** 663—South Kentucky Pwr. Co. See Pembroke.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 25 incs. nitro. 60 w. tot. $40 per mo. moonlt.
D L 3 125

**UNIONTOWN,** 1,356—Home Ltg. Co. (Successor to Uniontown Lt. & Pwr. Co.)
*Mgr. A. L. Carpenter........Uniontown
Ch. Engr. J. D. McGan....... "
2 a. c. Warren, G. E. tot. 135 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. H. & G, Erie City; 200 hp. b.
City cont. 33 incs. $33 per yr; all nt. coal 90 cts.
L S 1 ✣ 125

**VANCEBURG,** 1,145—Vanceburg Lt. Co. (Successor to Vanceburg Elec. Lt., Ht. & Pwr. Co.)
*Owner, L. C. Beirne......... Vanceburg
1 a. c. West. 90 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e. Ham, Cor; 85 hp. b. ——.
City cont. 77 incs. 40 w. $18 per yr; moonlt; coal $1.75.
L S 1 ✣ 125

***VARILLA,** 10—Kentucky Utilities Co. See Lexington.

**VERSAILLES,** 2,268—Kentucky Utilities Co. For executive officers, see Lexington.
Supt. E. L. Shotwell...........Versailles
Purchases energy from Lexington Utilities Co.; 6 transf. G. E. tot. 450 kw; 1 rect. G. E. 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 37 arcs 350 w. $90 per yr; 100 Tung. 100 w. $27 per yr; moonlt. (Trans. to Lawrenceburg, Tyrone and Midway.)
D L 3 ✣ 25

**VINE GROVE,** 570—Citizens Ltg. Co.; cap. $3,000; bds. issued $2,000.
Pres. W. T. McDonough......Vine Grove
Sec. & Treas. Miss Pearl Strader "
*¶Mgr. Cont. Agt. & Supt.
W. E. Crutcher............ "
Engr. Pwr. Sta.
Mr. Richardson............ "
d. c. —— kw. 110 v; stor. bat. 110 v; d. c. day & nt. ltg. cir.
City cont. 15 arcs 60 w. $18 per yr; 350 incs. 20-25 w. $3.60 per yr; moonlt; oil and gasoline 15 cts. per gal.
C D G L ✣ ★125

**WALTON,** 650—Walton Elec. Lt. Co.
*Owner & Mgr. H. W. Mayfield...Walton
Engr. Pwr. Sta. Warren Stevenson "
1 d. c. Clark 25 kw. 250 v; d. c. nt. ltg. cir. 220 v; no motor cir; 40 hp. e. (gas) Foos.
City cont. 30 incs. 100 w. $20 per yr; dusk till midnt; kerosene 7 cts. per gal.
C G L ✣ 125

**WICKLIFFE,** 988—Munic. Wtr. & Lt. Plant.
¶ Supt. & Ch. Elecn.
E. W. McElya................Wickliffe
*Ch. Engr. P. Waters.......... "
1 a. c. Stan. 75 kw. 2300-110 v. s. ph. 60 cys; no day cir; 120 hp. e. Harrisburg; 120 hp. b. Southern.
All nt; coal $2.25
L S 1 78

**WILLIAMSBURG,** 2,004—Williamsburg Elec. Lt. Co.; cap. $12,000.
*Pres. J. M. Mahan ........Williamsburg
¶ V. Pres. & Mgr. A. C. Mahan "
Engr. Pwr. Sta. Pettis Walls "
Ch. Elecn. T. A. Jackson... "
1 a. c. Warren 150 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir; a. c. mo. cir. 220 v; 185 hp. e. Sknr; 200 hp. b. Atlas.
City cont. 96 incs. mult. 35 w. $12 per yr; all nt; coal 85 cts.
D L S 1 ✣ 113

**WILLIAMSTOWN,** 800 — Williamstown Mill & Lt. Co.; cap. $14,600.
Pres Mgr. & Supt.
J. M. Riley...............Williamstown
V. Pres. W. P. Stratton.... "
*Sec. J. W. Shields........ "
Treas. J. W. Webb........ "
1 a. c. Westg. 35 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 50 hp. e. (gas) Columbus.
City cont. 50 inc. series 100 w. $20 per yr; 12 P. M; kerosene.
G L 1 14

**WINCHESTER,** 7,156—Kentucky Utilities Co. For executive officers, see Lexington.
Local Mgr. W. P. Hachett....Winchester

1 d. c. G. E. 100 kw. 550 v; 1 a. c. Ft.W. 300 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 125 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 350 hp. e. Greenwald, I. & E: 500 hp.e. (gas) Westg; 150 hp. b. York; 30-ton ice plant (York); also purchases energy from Lexington Utilities Co.; 3 transf. West. tot. 600 kw.

City cont, 98 arcs magn. 1200 c. p. $80 per yr; moonlt; coal $2 25 and gas.

C D G I L S 3 ✠ 25

## LOUISIANA.

**ABBEVILLE,** 2,907—*Munic. Wtr. & Lt. Plant; bds. $60,000.

— d. c. inc. C-W. 125 kw. 500 v; — hp. e. Harrisburg.

C L S ✠ 35†

**ALEXANDRIA,** 11,213—Munic. Elec. Lt. & Wtr. Wks; cost $250,000; no bds.
Mayor, W. W. Whittington, Jr..Alexandria
Comr. Finance E. F. Hunter.. "
Sec. & Treas. Sol Weil....... "
*¶Supt. J. C. Raxsdale....... "
Ch. Engr. G. A. Raxsdale.... "
Engrs. Pwr. Sta. J. Rexer........... "
O. C. Nelson..... "

2 a. c. Allis-C, West. 250 kw. 125 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v. s. & 3 ph. 60 cys; 850 kw. stm. turb. Allis-C, West; 888 hp. b. Brnl.

50 city arcs enc. 660 w; 200 incs. 100 w; all nt; wood $2.50. (Also lts. Pineville.)

D L S 1 3 25

**ALGIERS,** (New Orleans) 10,000—Algiers Ry. & Ltg. Co. Office, 307 Camp St., New Orleans. (Owns Algiers Wtr. Wks. & Elec. Co.); cap. auth. & outstg. $300,000; bds. auth. $300,000.
Pres. C. D. Warren.
Traders' Bank Bldg., Toronto, Ont., Can.
V. Pres. & Gen. Mgr.
O. T. Maier................New Orleans
¶ Sec. & Treas. E. H. McCaleb "
Asst. Sec.-Treas. R. M. Salvant "
*Gen. Supt. E. W. Burgis..........Algiers
Ch. Engr. H. H. Gibson.......... "
Engr. Pwr. Sta. E. O. Cook..New Orleans

2 d. c. G. E. tot. 600 kw.

C R ✠ 25

**AMITE,** 1,677—Central Lt. & Pwr. Co., Ltd; cap. auth. $30,000; pd. in $25,000; bds. auth. $40,000.
*Pres. H. P. McClendon...........Amite
V. Pres. C. B. Pierce............... "
Mgr. & Supt. Jas. Ritson.......... "

1 a. c. Bull. 90 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 200 hp. e. L. & B, Chuse; 225 hp. b. Atlas.

City cont. 40 incs. 16 c. p. $6 per yr; all nt; coal $3.

L S 2 ✠ 58

**ARCADIA,** 1,079—North Louisiana Lt. & Pwr. Co; cap. $10,000.
*Pres. J. B. Herring...............Arcadia
V. Pres. Bert Davis............... "
Sec. & Treas. J. T. Reeves....... "
Engr. Pwr. Sta. —— ——

1 a.c. G. E. 60 kw. 1150 v. s. ph, 133 cys; a. c. nt. ltg. cir; 100 hp. e Henderson; 100 hp. b. Southern.

City cont. 50 Mazdas 60 w. $12 per yr; mdnt; wood $1.75 & $2 per cord, coal $4 per ton.

L S 1 ★85†

**BASTROP,** 854—Munic. Elec. Lt. & Wtr. Plant; cost $16,000; bds. $26,000.
Mayor, G. H. Beekman..........Bastrop
Sec. L. S. Washburn............... "
Treas. J. Dalton................... "
*Supt. T. S. Harris................Bastrop
Ch. Engr. Pwr. Sta.
Jno. J. Haggerty.................. "

2 d.c. West. F. M. & Co. tot. 80 kw. 250 v; d. c. day (6 A. M. to 12 M. in summer) & nt. ltg. cir. 220-250 v; no mo. cir; 100 hp. e. (oil) F. M. & Co.

50 city incs. "C" 200 w; moonlt; distillate 4 cts.

C G L ✠ ★125

**BATON ROUGE,** 17,000—Baton Rouge Elec. Co. (Does the entire electric railway, electric lighting, power and gas business.) Cap. outstg. $500,000; bds. $410,500.
Pres. Harry H. Hunt
147 Milk St., Boston, Mass.
V. Prests. Edw. Godchaux...Baton Rouge
Guy L. Weymouth
Boston, Mass.
Sec. Alvah K. Todd........ "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster
Mgt. Assn., 147 Milk St., "
¶ Mgr. Donald Stewart......Baton Rouge
Asst. Mgr. J. B. Anderson.. "
Cont. Agt. L. A. Keen...... "
Supt. R. A. Delaroderie.... "
Engr. Pwr. Sta. D. W. Lusk. "

3 d. c. West. tot. 900 kw. 600 v; 3 a. c. West. tot. 1215 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. ry. 600 v; 1400 hp. e. H. F. & M, F. & S; 940 hp. b. Murphy, W. & W, Robb M, Bab. & W, A. & T.

City cont. 140 arcs G. E. enc. series 7.5 amp. $80 per yr; 25 incs. Tung. 40 c. p. 7.5 amp. $25 per yr; all nt; coal $3.25.

C D R S 1 3 25

**BERNICE,** 781—Bernice Elec. Lt. Co. (Owned and operated by Bernice Lumber Co., Ltd.)
*Gen. Mgr. G. W. James..........Bernice

City cont. 40 incs. 50 w. $12 per yr.

L 125

**BOYCE,** 832—Munic. Wtr. & Lt. Plant; cap. stock $25,000.
*Mayor, J. E. Ray..................Boyce
¶ Supt. W L. Thompson........... "
Engr. Pwr. Sta. P. H. Abat........ "

1 a.c. W. E. 75 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. (nt. in winter and day & nt. in summer) 110 v; 150 hp. e. Murray; 150 hp. b. R. D. Cole.

30 city incs. Mazda 72 w. $12 per yr; moonlt; coal $1.20.

D L S 1 23

**BUNKIE,** 1,765—Bunkie Ice Co. Ltd; cap. outstg. $50,000; no bds.
Pres. G. W. Seutell..................Bunkie
*V. Pres. & Mgr. C. J. Pope...... "
Sec. & Treas. W. D. Haas.....Alexandria
Ch. Engr. Edw. Lauve...............Bunkie

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 220-2300 v. 3 ph. 60 cys; 120 hp. e. (oil) Snow; ice plant.

City cont. 60 incs. type "C" 100 c. p; oil 90 cts. per bbl.

D G I L 3 ✠ 75

**COVINGTON,** 2,601—St. Tammany Ice & Mfg. Co., Ltd.; cap. $29,800; no bds; cost $100,000.
Pres. C. S. E. Babington....New Orleans
*¶Sec. & Treas. E. J. Frederick
Covington
Mgr. M. P. Planche............. "
Ch. Engr. Pwr. Sta. S. Quare... "

3 d. c. G. E. 555kw. 250 v; d. c. day cir. 220 v; d. c pwr. cir. 220 v; 344 hp. e. B. & W. Harrisbg., G. & W.; 290 hp. b. Erie; also ice plant.

City cont. 35 G. E. arcs 1200 c.p. $75 per yr; 10 incs. Ed. 16 c. p. $15 per yr; moonlt; wood $2.50.

C D I L S ✠ 72

**CROWLEY,** 5,099—Munic. Water Works & Elec. Lt. Plant; cost $35,000; bds. auth. $30,000, outstg. $18,000, 6 p.c. int.
*Mayor, W. M. Egan..............Crowley
Treas. J. Frankel.................. "
¶Supt. D. P. Healy................ "
Ch. Engr. Geo. E. Gill............ "
Asst. Engr. Jac. Deveil............ "

3 a. c. West. tot. 208 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220-110 v. 2 ph. 60 cys; 300 hp. e. (oil).

45 city G. E. arcs $90 per yr; 40 West. incs. $36 per yr; moonlt; oil, $1.00 per bbl.
L S 2 3 ★125

**DE RIDDER,** 2,100—De Ridder Lt. & Pwr. Co.; cost $25,000; cap. $25,000.
Pres. T. S. Reed..........Beaumont, Tex.
V. Pres. W. E. Cambrell.........De Ridder
Sec. & Treas.
W. F. McCammon......Beaumont, Tex.
*¶Mgr. O. B. Youngblood.....De Ridder
Engr. Pwr. Sta. J. C. Scott . . "

2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 86 hp. e. Ball; 100 kw. stm. turb. G. E; 300 hp. b. Heine.

City cont. 41 Mazdas 80 c. p. $18 per yr; all nt; wood $1.25 per cord.
D L S 3 ✠ ★125

**DONALDSONVILLE,** 4,090—Munic. Lt. & Wtr. Comm.; cost $45,000.
Pres. Bd. Alex. Bloomenstiel, Donaldsonville
V. Pres. Jos. N. Gisclard.. "
Sec. J. E. Blum............. "
Treas. E. K. Sims.......... "
*¶Mgr. E. A. Thibodeaux.. "
Audr. J. C. Bouchreau.... "
Engr. Pwr. Sta. N. J. Esneault "

2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 170 hp. e. (oil) Busch-Sulzer Diesel.

303 "C" Mazdas 80-200 c. p. $12 per yr; all nt; oil 3.5 cts. per gal.
D G L 1 3 ✠ ★16

**FRANKLIN,** 3,857—Munic. Elec. Lt. & Wtr. Plant; cost $33,000; bds. $26,000.
¶ Supt. C. Lauve.................Franklin
*Ch. Engr. & Elecn. L. H. Alpha "

2 a. c. Ft. W. tot. 150 kw. 2300-230-115 v. 2 ph. 60 cys; a. c. day cir. 115 v; 290 hp. e. H. F. & M; 400 hp. b. Heine.

22 city incs. Ft. W, 10 cts. per kw; all nt. oil $1.14.
D L S 2 ✠ 79

**FRANKLINTON,** 814—The Hood Lt. Co.
*Engr. Pwr. Sta. Bosa Dixon. Franklinton

1 a. c. Triump. 2200-1100 v. 3 ph. 60 cys; 1 d. c. Triump. 125 v; a. c. nt. ltg. cir; 80 hp. e. (kerosene); 60 hp. b. Atlas.

City cont. 50 Mazdas 60 w. $15.40 per yr; all nt; kerosene 8 cts. per gal. (Installing hydro-elec. equipment)
G L S 3 ✠ 125

**HAMMOND,** 2,942—Hammond Ice, Lt. & Bottling Co. (Ltd.); cap. $25,000; mtg. $8,500.
Pres. R. Lillie..................Hammond
V. Pres. H. W. Robinson........ "
*¶Sec. Treas. Mgr. & Supt.
Jas. Jumonville............. "
Ch. Engr. Pwr. Sta. Manuel Copas "
Ch. Elecn. W. J. Walker....... "

2 a. c. G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 325 hp. e. Vil, H. F. & M.; 460 hp. b. H. S. & G. Erie, Lyons; also 22-ton ice plant and 25-ton refrigerating plant, Wolf, Ruemmeli-Dawley Mfg. Co.

City cont. 156 series incs. 100 c. p. 6.6 amp. 12 cts. per kwh; coal $3.25; wood $1 per cord.
D I L S 1 3 ✠ 125

**HOMER,** 1,855—Munic. Wtr. & Lt. Plant; bds. $40,000.
*Mgr. W. A. McKenzie............Homer
Supt. C. A. Hamil................. "

1 a. c. Ft. W. 75 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Skinr; 100 hp. b. W. & W. Wood $2.25.
D L S 1 74

**HOUMA,** 5,024—Munic. Elec. Lt. & Wtr. Plant; cost $28,000 (approx.).
*Engr. Pwr. Sta. L. A. Tucker....Houma

2 a. c. Ft. W. tot. 120 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 180 hp. e. Erie; 230 hp. b. Erie.

20 city series arcs 6.6 amp; 135 series incs. 6.6 amp. 80 c. p; moonlt; coal $3.50.
D L S 3 75

**JEANERETTE,** 2,206—Jeanerette Elec. Lt. Plant; cap. $9,000.
*¶Owner & Mgr. Ed. C. Stokoe Jeanerette
Engr. Pwr. Sta. Camile Kerne.. "

3 d. c. Com, Allis-C, Ed. tot. 160 kw. 220 v; d. c. day & nt. ltg. cir. 220-200 v; 200 hp. e. Allis-C. Ide; 125 hp. b. Jeffries.

City cont. 12 arcs A. B. $66 per yr; 80 incs. 32 c. p. $15 per yr; moonlt; wood $1.60.
C D L S ✠ 73

**JENNINGS,** 3,925—Jennings' Gas & Elec. Co. (Purchased the Jennings Elec. Lt. & Pwr. Co.); cap. $86,000; no bds.
*Pres. G. B. Zigler.................Jennings
¶ V. Pres. & Mgr. F. N. Litten.. "
Sec. & Treas. J. P. Haber....... "
Supt. V. Huber................... "
Engr. Pwr. Sta. W. Brown...... "

3 d. c. Northn, C. & C. tot. 250 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 35 hp. e. (gas) F. M. & Co; 150 hp. e. (oil) Snow; 175 hp. e. Skinr; 200 hp. b. Oil City, Randle.

City cont. 60 Mazdas $52 per yr; moonlt. after midnt; oil $1.25 per bbl.
C D G L S ✠ 125

**KENTWOOD,** 3,609—E. B. Kennon Elec. Lt. Plant.
*Owner & Mgr. E. B. Kennon..Kentwood

1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v s. ph. 60 cys; 80 hp. e. H. F. & M; 125 hp. b. E. M. Link Mch. Co.

City cont. 14 arcs series 425 w. and 2 tung. series 100 c. p; shavings.
L S 1 3 ✠ 125

**LAFAYETTE,** 6,392—Munic. Water Wks. & Elec. Lt. Plant; cost $50.000.
Trustees { ¶J. P. Colcomb.....Lafayette
Trustees { *Supt. J. O. Herpin.. "
Engr. Pwr. Sta. Oneil Cormier.. "

3 a. c. West, Ft. W. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 581 hp. e. Sknr. Flem; 450 hp. b. Bab. & W.

65 city arcs G. E. 450 w. 5 cts. per kwh; 90 incs. G. E. Pitts. 100 c. p. 6.6 amp. 5 cts. per kwh; 47 3-lt. posts 300 w. 5 cts. per kwh. moonlt; oil 87 cts. per bbl.
D L S 3 ★125

**LAKE CHARLES,** 11,449—Lake Charles Ry., Lt. & Wtr. Wks. Co. Office, 311 No. Ryan St.; cap. outstdg. $200,000; bds. $195,000.
Pres. J. A. Landry.............Lake Charles
V. Pres. T. J. Bird.......... "
Sec. P. O. Moss.............. "
Treas. D. J. Landry.......... "
¶ Pur. Agt. L. A. Swan..... "
*Mgr. H. F. Cameron....... "
Audr. Frank S. Shattuck... "
Cont. Agt. F. V. Gallaugher "
Ch. Engr. F. A. Bird........ "

3 a. c. West. tot. 1700 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 150 kw. 550 v; a. c. day & nt. ltg. cir. 106 v; a. c. day & nt. mo.

cir. 440-220-110v. s. & 3 ph. 60 cys; 500 hp. e. F. & S; 1400 kw. stm. turb. West; 1200 hp. b. Casey & H; also 100-ton ice plant (Frick).
City cont. 100 arcs 6.6 amp. $84 per yr; all nt; petroleum 80 cts. per bbl.
C D I R S 1 3 ✠ 125

**LAKE PROVIDENCE**, 1,568—*Munic. Elec. Lt. & Wtr. Plant; cost $48,000.
Mgr. J. W. Read........Lake Providence
Engrs. } Geo. Whittington " "
Pwr. Sta. } Ernest Newman. " "
2 a. c. G. E, Ft. W. tot. 125 kw. 2200 v. s. ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 110 v. 60 cys; 185 hp. e. Chuse, Skinr; 225 hp. b. W. & W.
32 city arcs 1000 c. p. $75 per yr; 30 Tung. 60 c. p; moonlt; coal $3.75.
D L S 1 14

**LEESVILLE**, 2,043—Leesville Lt. & Wtr. Works Co., Ltd.; cap. outstdg. $100,000; no bds.
Pres. & Mgr. G. R. Ferguson....Leesville
V. Pres. B. H. Lyons............ "
*Sec. Treas. & Cont. Agt.
G. R. Ferguson, Jr............ "
¶ Supt. W. K. Ferguson........ "
Ch. Engr. E. L. Dick............ "
Engr. Pwr. Sta. Fred Johnson... "
2 a. c. West. G. E. tot. 280 kw. 1100 v. s. ph. 60 cys; 1 d. c. G. E. 50 kw. 220 v; a. c. nt. ltg. cir. 110 v; d. c. day & nt. ltg. & mo. cir. 220 v; 500 hp. e. Atlas; 500 hp. b. Atlas C & H; also 20-ton ice plant.
City cont. 55 Mazdas, 100 w. $18 per yr; all nt; mill refuse $2,000 per yr.
C D I L S 1 ✠ ★16

**MANDEVILLE**, 1,166—Mandeville Lt. & Ice Co.; cap. $52,000.
Pres. A. P. J. Segassie......New Orleans
V. Pres. E. Larraux.......... "
Sec. & Treas. O. Garsand..... "
*Mgr. & Engr. Pwr. Sta.
W. B. McKinstry............Mandeville
Nt. ltg. cir. 110 v; 200 hp. b.
City cont. 35 Tung. 60 w. $51 per yr; coal $3.55.
I L S 22

**MANSFIELD**, 1,799—Mansfield Ice Co., Ltd; cap. outstg. $50,000.
Pres. J. R. Brown...............Mansfield
*¶ Sec. Treas. & Mgr.
D. G. Petty, Jr.................. "
Audr. W. B. Winston..........Shreveport
Ch. Engr. W. R. Fetzer.........Mansfield
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 110-220 v. s. 2 & 3 ph. 60 cys; 130 hp. e. Strait; 70 hp. b. Atlas; 20-ton ice plant.
City cont. 100 Gem incs. 80 c. p. moonlt; gas 10 cts. (Also lts. So. Mansfield.)
D I L S 3 ✠ ★85

**MARKSVILLE**, 1,076—Munic. Elec. Lt. & Pwr. Plant; cost $7,000.
*Mayor, T. T. Fields..........Marksville
Gen. Mgr. ——— ———....... "
2 d. c. Bull tot. 45 kw. 220-110 v. 3 wire; d.c. day cir. 110 v; 100 hp. e. Skinner; 100 hp. b. Union.
100 city incs. 32 c. p. tot. $750 per yr; mdnt; wood $100 per mo.
C D L S 23

**MINDEN**, 3,002—Minden Elec. Lt. & Pwr Co. (Ltd.); cap. $10,000.
Pres. R. H. Miller..................Minden
V. Pres. E. E. Fitzgerald......... "
Sec. & Treas. J. E. Sandefer...... "
*Supt. J. S. Maxwell............... "
Ch. Engr. W. H. Luck.............. "
1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 104 v: 160 hp. e. F. & S. Purchases steam from Minden Lumber Co.
City cont. 33 type "C" lamps 400 w. $50 per yr; moonlt; sawdust.
D L S 3 ✠ ★125

**MONROE**, 10,209—Munic. Water, Lt. & Trac. Dept.; cost $100,000.
*¶Mayor, C. A. Downey...........Monroe
City Clerk, D. W. Faulk........... "
Gen. Supt. F. L. Meyer.......... "
1 a. c. Westg. 200 kw. 2200-104 v. 2 ph 60 cys; d. c. day cir. 500-200 v; d. c. pwr. cir. 500 v; 300 hp. e. H. F. & M; 400 hp. b. Stir.
C D R S 2 114d

**MORGAN CITY**, 5,477—Morgan City Elec. Co., Ltd.; cap. $25,000.
Pres. B. M. Young............Morgan City
*Sec. & Treas. H. M. Young "
Ch. Engr. Jas. Le Boeuf..... "
Ch. Elecn. A. R. J. Hoard... "
2 a. c. W. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a.c. day cir. 110 v; 565 hp. e. Diesel. (oil); 150 kw. Ft. W. gen.
City cont. 40 arcs 1600 c. p. $75 per yr; moonlt; oil $2.07.
D G L 3 ✠ 25

**NAPOLEONVILLE**, 1,201 — Munic. Elec. Lt. & Wtr. Wks.
Mgr. Clay Marquette.......Napoleonville
*Supt. & Ch. Engr.
J. Leo Landry............ "
75 hp. e. Chuse; 120 hp. b. C. & H; 50 hp. e. (oil).
30 city Mazdas; moonlt; fuel oil $1.25 per bbl.
G L S ✠ 23

**NATCHITOCHES**, 2,532—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $36,000; bds. auth. & issued $36,000.
*Supt. Walter E. Aymond..Natchitoches
2 a. c. C. W, G. E. tot. 240 kw. 2300-2080-104 v. s. & 3 ph. 60 cys; 340 hp. e. H. F. & M; 160 hp. b. tublr.
Moonlt; coal $4.85; wood $2.50.
L S 1 3 125

**NEW IBERIA**, 7,499—Munic. Water Works & Elec. Lt. Plant; cost $100,000; bds. $15,000.
Mayor, H. S. Sealy.............New Iberia
¶Sec. J. P. Suberbielle........ "
Treas. Peoples Nat'l Bk...... "
*Mgr. & Cont. Agt.
Lawrence F. Villermin..... "
Ch. Engr. Jno. W. Angers.... "
3 a. c. Ft. W. tot. 425 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230-115 v; 400 hp. e. Ham, Cor: 600 hp. b. Brnl.
City cont. 50 arcs Ft. W. 6.6 amp. $60 per yr; 220 incs. "C" 6.6 amp. 100 w. $7 per yr; moonlt; coal $3.30.
D L S 3 ★16

**NEW ORLEANS**, 339,075 — New Orleans Ry. & Lt. Co. (Operating the New Orleans City R. R. Co., New Orleans & Carrollton R. R. Lt. & Pwr. Co., Orleans R. R. Co., St. Charles St. R. R. Co., New Orleans Ltg. Co. New Orleans Gas Lt. Co. and New Orleans & Pontchartrain Ry. Co.) (Controlled by the American Cities Co.); cap. auth. $10,000,000 preferred, $20,000,000 common; bds. $30,000,000.
Pres. D. D. Curran..........New Orleans
V. Pres. John J. Gannon... "
Sec. Jos. H. DeGrange..... "
Treas. H.A. Ferrandou...... "
*Gen. Mgr. M. S. Sloan..... "
¶ Pur. Agt. J.R. McGivney.. "
Cont. Agt. W. E. Clement.. "
Supt. of Pwr. E.B. McKinney "
Asst. Supt. of Pwr.
D. J. O'Brien............... "
Supt. of Elec. Distribution,
V. L. Willoz.............. "
5 a.c. turbo-gen. Curtis, tot. 8500 kw. 6600-2300 v. 3 ph. 60 cys; 10,800 hp. b. B. & W.
City cont. 3100 arcs 2000 c. p. $69 & $85 per yr; 600 coml. arcs; all nt; coal.
R S 3 ✠ ★16

Consumers Elec. Lt. & Pwr. Co., 614 Canal St. (Controlled by United Gas & Elec. Corpn., 61 Broadway, New York, N. Y.); cap. $1,500,000; bds. $1,526,000.
Pres. S. J. Dill............New York, N.Y.
V. Pres. Wm. C. Faust......New Orleans
Sec. Esmond Phelps........ "
Treas. Henry Morgan ..New York. N.Y.
Asst. Sec. S. R. Bertron, Jr..New Orleans
Gen. Mgr. Wm. J. Aicklen... "

3 a. c. Bull. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 4 d. c. Westg, Bull, Ft. W. tot. 2500 kw. 110-220 v; a.c. & d.c. day & nt. ltg. cir. 110 v; a. c. & d.c. day & nt. mo. cir. 110-220 v; 5490 hp. e. H. O. & R; 3260 hp. b. Stir.

C D L S 3 ✠ *115w
*

**NEW ROADS,** 1,352—Munic. Elec. Lt. & Pwr. Plant.
Mayor, Jos. Lejeune............New Roads
*Sec. & Treas. Geo. Pourcian. "
Supt. & Engr. Pwr. Sta.
R. Vignes.................... "

1 a.c. Ft. W. 13 amp. 2300 v. 2 ph. 60 cys; a. c. ltg. & mo. cir. 110-220 v. 2 ph. 60 cys; 90 hp. e. Harris; 125 hp. b. H. S. & G.

City cont. 3 arcs 6.6 amp; 50 incs. carbon 6.6 amp; coal $4.

L S 2 16

**OPELOUSAS,** 4,623—Munic. Elec. Lt. & Wtr. Works: cost $50,000; no bds.
*Mayor, E. L. Loeb.............Opelousas
¶ Supt. A. C. Jones.............. "
Ch. Engr. Pierre Jitard........ "
Ch. Elecn. G. L. Davy.......... "

2 a. c. G. E, Ft. W. tot. 215 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 325 hp. e. H. F. & M, Murray; 285 hp. b. Bab. & W; 100 hp. e. Mietz & Weiss.

72 city arcs 6.6 amp; 4000 incs. 16 c. p. 10 cts. per kw; moonlt: oil $1.11. (Plant destroyed by fire Oct. 28, 1915; will be rebuilt and 100 kva. gen. and 150 hp. oil eng. installed.)

D L S 8 ✠ 16w

**PATTERSON,** 2,998—Patterson Lt. & Pwr. Co.; cap. stk. $8,000.
*Pres. & Mgr. A. H. Thompson. Patterson
V. Pres. W. D. Russel .......... "
Sec. & Treas. C. S. Williams.... "

Energy from F. B. Williams Co.; mo.-gen. set; 1 a. c. Ft W. 50 kw. 2300 v. 3 ph. 60 cys; 1—75 kw. gen. set direct connected; a.c. day ltg. cir. 230-115 v. 60 cys.

City cont. 48 tung. 75 w; moonlt.

D L S 3 125

**PINEVILLE,** 1,212—See Alexandria.

**PLAQUEMINE,** 4,955 — Dunlap Elec. Co.; cap. auth. $100,000.
*¶ Pres. & Mgr. J. E. Dunlap. Plaquemine
V. Pres. F. J. Kearney......... "
Sec. & Treas. F. E. Hubbard. "
Engr. Pwr. Sta. Alex Jeffrey. "
Ch. Elecn. A. Grass........... "

2 a. c. Allis-C. tot. 165 kw. 2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Sknr; 300 hp. b. Mur.

City cont. 53 arcs Jandus $60 to $80 per yr; moonlt; coal $3.25 to $4.15 & oil 90cts. to $1.

D L S 3 ✠ 125

**PONCHATOULA,** 1,055—Ponchatoula Ice Co.: cap. $9,175.
Pres. F. P. Willis.............Ponchatoula
Sec. & Engr. Pwr. Sta.
F. W. Kohnke............... "
Treas. H. P. Mitchell.......... "
*Mgr. B. Branch............... "

1 d. c. W. E. 30 kw. 125 v; d. c. nt. ltg. cir. 105 v; 25 hp. e. N. Y. S.; 120 hp. b. C. & H; 60 hp. e. (oil) F. M. & Co; ice plant.

City cont. 6 arcs 5 amp. $60 per yr; 25 incs. 60 & 100 w; moonlt; oil 5½ cts.

C G I L S ✠ 75

**RAYNE,** 2,247—Munic. Elec. Lt. & Wtr. Plant; cost $25,000; bds. $18,000.
Mayor, J. D. Hunter ............... Rayne
Sec. P. F. Besse.................... "
Treas. R. C. Halt................... "
*Supt. E. J. Bertrand............... "
Engrs. J. C. Bertrand........... "
Pwr. Sta. L. Boudreaux.......... "

2 d. c. G. E. tot. 60 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 60 hp. e. (oil) Snow.

105 city Mazdas 60 w. tot. $50 per mo; moonlt; oil $1.00 per bbl.

C D G L ✠ 125

**RUSTON,** 3,377—Munic. Elec. Lt. Plant; cost $75,000.
Mayor, R. B. Knott...................Ruston
*¶ Supt. R. H. Brooks............ "

3 a. c. Westg. Ft. W. tot. 240 kw. 2200-110 v. s. & 2 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 110 v; 277 hp. e. L. & B, Harrisburg; 300 hp. b. Bab. & W.

12 "C" Mazdas 600 c. p; 63 "C" Mazdas 250 c. p.; midnt; coal $3.55.

D L S 1 2 ✠ 25

**ST. FRANCISVILLE,** 966 — Munic. Elec. Lt. & Wtr. Plant; cost $40,000; no bds.
*Mayor, A. B. Braint......St. Francisville
Sec. G. L. Plettinger...... "
Treas. R. L. Matthews.... "
Supt. & Engr. Pwr. Sta.
J. G. Muller.............. "

1 a. c. G. E. 60 kw. 2300-115 v. s. ph. 60 cys; no day cir; 96 hp. e. Chuse; 250 hp. b. Bab. & W, Coleman.

42 city incs. 100 c. p; com. arcs $24 per yr; moonlt; coal & oil. (Also lts. Bayou Sara).

L S 1 74

**SHREVEPORT,** 28,015—Southwestern Gas & Elec. Co. (Shreveport Div.) Office, 116 Texas St.
Pres. Henry M. Dawes
1615 Harris Trust Bldg., Chicago, Ill.
V. Pres. Rufus C. Dawes
1615 Harris Trust Bldg. " "
Sec A. G. Curtis..............Shreveport
Treas. Jos. C. Markley
1615 Harris Trust Bldg., Chicago, Ill.
*Mgr. A. G. Curtis............Shreveport
¶Audr. J. R. Lyall............ "
Cont. Agt. & Supt. Ovhd. Distrbn.
J. E. Cowles.................. "
Ch. Engr. Pwr. Sta.
M. L. Wright.................. "

5 a.c. G. E, Allis C. tot. 2600 kw. 2200 v. 3 ph. 60 cys; 8 rect. G. E. tot. 400 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 2250 hp. e. Ham. Allis-C; 2750 hp. b. Heine, Bab. & W; 1275 hp. e. (gas) Snow.

City cont. 400 arcs 4 amp. magn. $62.50 per yr; 65 Mazdas 80 c. p. $20.80 per yr; all nt; nat. gas 7 cts. (Also lts. Bossier City: will lt. Cedar Grove.)

D G L S 1 3 ✠ 75w

**SOUTH MANSFIELD,** 1,000—Mansfield Ice Co., Ltd. See Mansfield.

**TALLULAH,** 847—Munic. Elec. Lt. & Wtr. Wks.; cost $30,000; bds, $6,500.
Mayor G. H. Ogbourne..........Tallulah
*¶ Supt. & Engr. Pwr. Sta.
L. A. White.... .... .......... "

2 a. c. Ft. W. tot 135 kw. 2300-104 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 205 hp. e. H. F. & M; 200 hp. b. Bab. & W.

28 city arcs Ft. W. 6.6 amp; 1620 Mazdas; all nt; coal $2.85.

D L S 3 75

**THIBODAUX,** 3,824—Munic Elec. Lt. Plant; cost $20,000.
*Ch. Engr. J. W. Byrnes......Thibodaux
¶ Supt. & Ch. Elecn.
A. R. Staunton............... "
Ch. Engr. E. Smithwick...... "

1 a. c. Ft. W. 75 kw. 3 ph. 60 cys; 2 d. c. West. tot. 37½ kw. 110 v; d. c.

day cir., May to Oct.; 140 hp. e. Bckye; — hp. e. (oil) Daniel; 250 hp. b.
525 com. incs. 16 and 32 c. p. 15 & 20 cts. per kw; moonlt; oil.
C D L S 3 ✠ ★104†

**VIDALIA**, 1,345—Munic. Elec. Lt. Plant; cost $26,000; bds. $11,000.
Mayor, Phil. Hough ................Vidalia
Sec. A. J. Chaze.................. "
Treas. J. T. Rountree.............. "
*¶ Supt. & Ch. Elecn.
M. L. Hanagriff.................. "
2 a. c. Ft. W. tot. 145 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 225 hp. e. Harrisbg, Erie; 225 hp. b. Erie, Shaw.
64 city tung. 75 w; com. incs. 10 cts. per kw; moonlt. 10 P. M; coal $3.25.
D L S 1 3 ✠ 125

**VINTON**, 1500—Vinton Wtr., Lt & Pwr. Co; cap. $20,000; no bds.
Pres. J. G. Sutton................Vinton
V. Pres. A. J. Vincent, Jr........ "
Sec. & Treas. J. N. Wetherill..... "
*¶Mgr. E. N. Bares................ "
1 a. c. 35 kw. gen. 2300 v; a. c. day & nt. ltg. cir; 60 hp. e. (oil); also ice plant.
City cont. 16 arcs $54 per yr; moonlt; crude oil.
D G L X ✠ ★125

**WINNFIELD**, 2,925—Winnfield Ice & Lt. Co.; cap. $40,000; bds. outstg. $15,000; cost $45,000.
Pres. Mgr. & Cont. Agt.
Geo. W. Newman.............Winnfield
*Sec. & Treas. O. M. Grisham.. "
2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Skinr. Rus; 450 hp. b; 40-ton ice plant.
City cont. 45 tung. 40 & 60 c. p. $19.80 & $26.40 per yr; all nt; coal $3.75.
D I L S 3 ✠ 23

**WINNSBORO**, 821—Electric Lt. Plant.
*Owner, Carl Shipp..........Winnsboro
L 125

## MAINE.

**ASHLAND**, 2,173 — Elec. Lt. Plant; cost $12,000.
*Lessee, Geo. H. Mooers.........Ashland
1 a. c. West. 50 kw. 2200-104 v. 3 ph. 60 cys; no day cir; 90 hp. turb. (wtr.)
City cont. 37 tung. 100 w. $15 per yr; all nt. (Also lts. Sheridan.)
L W 1 ✠ 125

**AUBURN**, 15,064—Androscoggin Elec. Co. See Lewiston.

**AUGUSTA**, 13,211—Central Maine Pwr. Co. (Consol. of Messalonskee Elec. Co., Sebasticook Pwr. Co., Fort Halifax Pwr. Co., Skowhegan Elec. Lt. Co., Kennebunk Lt. & Ht. Co., Dexter Elec. Co., Bingham Elec. Co., Solon Elec. Co., Vassalboro Elec. Lt. & Pwr. Co., Waterville & Fairfield Ry. & Lt. Co., and Union Gas & Elec. Co.) (Owns Bath and Brunswick Lt. & Pwr. Co., and the Waldoboro Wtr. Elec. Lt. & Pwr. Co; will take over Greenville Lt. & Pwr. Co. and Penobscot Bay Elec. Co.) Operates 5 hydro-electric, 5 combined steam and hydraulic and 1 steam station, viz: Augusta, Farmingdale, Waterville, Fairfield, Skowhegan, Benton and Pittsfield; cap. $3,500,000; bds. $2,635,000.
Pres. Harvey D. Eaton.........Waterville
V. Pres. John N. Webber....... "
Sec. G. D. Hegarty............. "
*¶ Treas. Mgr. & Cont. Agt.
W. S. Wyman.................Augusta
Gen. Supt. H. W. Eells.......... "
Engr. Pwr. Sta. Fred. Fortier..Waterville
Power available from water, 10,000 kw; from steam, 4000 kw; G. E. West. & Stanley generators; G. E. & West. stm. turbines; system includes 200 miles of 33,000 v. trans; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 110-220-440 & 550 v. 2 & 3 ph. 60 cys; stm. htg. Also purchase energy from Shawmut Mfg. Co. (2250 kw.)
City cont. 153 arcs 1200 c. p. $65 per yr: 109 Tung 50 c .p. $30 per yr; 10,000 com. incs. 16 c. p. 15 cts. per kw; all nt; coal $5. (Co. lts. Augusta, Gardiner, So. Gardiner, W. Gardiner, Richmond, Randolph, Waterville, Fairfield, Oakland, Shawmut, Benton, Togus, Clinton, Pittsfield, Dexter, Smithfield, Solon, Bingham, East Madison, Winslow, Vassalboro, Thorndike, Hallowell, Burnham, Corinna, Whitefield and Farmingdale.) (Sells energy in bulk to Rockland, Thomaston & Camden Ry., Hartland Elec. Lt. Co., Greenville Lt. & Pwr. Co. (Foxcroft) and Winthrop & Wayne Lt. & Pwr. Co.)
D H N S W 3 ✠ 16w

**BANGOR**, 24,803—Bangor Ry. & Elec. Co. (Consol. of the Bangor, Orono & Old Town Ry. Co., Bangor, Hampden & Winterport Ry., Old Town Elec. Co. and Public Works Co.) (Purchased Bangor & Northern R R. and controls through stock ownership the Bangor Pwr. Co., Orono Wtr. Co. and the Bar Harbor & Union River Pwr. Co.) (Power sta. at Veazie on Penobscot River 2000 kw. cap. with provision for development by water or steam); cap. outstg. $1,500,000, 7 p. c. cumulative prfd; $2,000,000 com; bds. $2,600,000. (Under management of E. W. Clark & Co. Mgt. Corpn.)
Pres. E. C. Ryder..................Bangor
V. Pres. & Gen. Mgr.
Edw. M. Graham............... "
Sec & Treas. Howard Corning.... "
Audr. C. A. Pearson, Jr.......Phila, Pa.
*Asst. Gen. Mgr.
Maurice E. McCormick..........Bangor
¶ Mgr. Lt. & Pwr. Dept.
Fred H. Libby................. "
Supt. Ry. C. H. Johnson......... "
Ch. & Elec. Engr. C. M. Tolman.. "
Ch. Engr. Pwr. Sta. Geo. Hathorn "
5 a. c. G. E. tot. 2200 kva. 6600 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 550 kw. 550 v; 1 freq. changer G. E. 1000 kw. 60-25 cys: a. c. day & nt. ltg. cir; a. c. mo. cir. 550 v. 3 ph. 60 cys; 1800 hp. e. Cor, McI. & S, Bckye; 2000 hp. turb. (wtr.) Victor, McCor, R. & H; 1800 hp. b. Stir, Roberts, Cahall. (Co. serves Bangor, Brewer, Veazie, Oldtown, Milford-Orono, Kenduskeag, Orrington, North-east Harbor, Seal Harbor, Webster and Hampden.)
C D R S W 1 3 ★16

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Munic. Elec. Lt. Plant.
¶Pur. Agt. F. H. Meinecke...... Bangor
*Gen. Supt. Jas. E. Logan......... "
Engr. Pwr. Sta. Wm. A. Decker.. "
2 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Ball, Erie; 350 hp. b. Bab. & W; 600 hp. wtr. wh. Platt.
200 city arcs G. E. 500 w; 1200 series incs. "C" 60 c. p, 250 c. p. & 400 c. p; coal $5.20.
D L S W 3 ★125

**BAR HARBOR**, 3,112—Bar Harbor & Union River Pwr. Co. (Consol. of Bar Harbor Elec. Lt. Co., Ellsworth Elec. Illg. Co., Ellsworth Wtr. Co. and Ellsworth Pwr. Supply Co.) Hydro-electric plant at Ellsworth and steam station at Bar Harbor, tot. capacity 2850 kw. (Controlled by the Bangor Ry. & Elec.

Co.); cap. $300,000 (pfd.), $700,000 (com.); bds. $408,000.

Pres. E. C. Ryder..................Bangor
V. Pres. Frank Silliman Jr...Phila., Pa.
Treas. Howard Corning.........Bangor
Clerk, Henry M. Hall.............. "
Mgr. Edw. M. Graham............ "
Gen. Supt. L. A. Leach.......Bar Harbor
Ch. Engr. C. M. Tolman..........Bangor

3 a.c. G. E. tot. 600 kw. 2300-110 v. 3 ph. 60 cys; a.c. day cir. 110 v; a.c. pwr. cir. 220-110 v; 700 hp.e. Brown, H. F. & M; 1250 hp. b. Dillon & Portland.

City cont. 21 arcs 6.6 amp. $75 per yr; 223 series tung. 75 w; all nt; coal $4.50. (Serves Bar Harbor, Ellsworth, Seal Harbor, Tremont and Northeast Harbor.)

D L S 3 ★16

**BATH**, 9,396—Bath & Brunswick Lt. & Pwr. Co. (Bath Div.). (Owned by Central Maine Pwr. Co., which see for executive officers.)

Supt. J. C. Humphreys..............Bath
Engr. Pwr. Sta. Russell Knight .... "

2 a. c. G. E. tot. 400 kw. 2080 v. 3 ph. 60 cys; 1 d. c. G. E. 150 kw. 550 v; trans. 11,000 v; ; a. c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230 v; d.c. day mo. cir. 500 v; 650 hp.e. H. F. & M; 1200 hp.b. Dillon & Bath.

City cont. 35 arcs 1200 c. p. $75 per yr; 142 series incs. 100 w. $25 per yr; all nt; coal $5. (Also operates in Brunswick.)

C D L S 3 ★125

**BELFAST**, 4,618—Penobscot Bay Elec. Co. For officers, see Bucksport.

Supt. A. C. Hopkins..................Belfast

Trans. from Bucksport 19,800 v; 3 transf. Wagner tot. 450 kw.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; Auxiliary plant; 2 a. c. Ft. W, C-W. 700 kw. 2200 v. 3 ph. 60 cys; 150 hp. e. Cor; 200 hp. b. Bangor; 200 hp. turb. (wtr.) Smith.

City cont. 320 Tung. 60 c. p. 75 w. $15 per yr; all nt.

D L S W 3 ✠ 251

**BELGRADE LAKES**, 88—Belgrade Pwr. Co.

*Owner, Chas. A. Hill....Belgrade Lakes
Engr. Pwr. Sta. Ernest E. Hurd "

1 a. c. Warren 150 kw. 1100 v. s. ph. 133 cys: a.c. day & nt. ltg. cir. 106 v. 133 cys; 75 hp. e. (gas); 200 hp. turb. (wtr.) Herc, Swain.

City cont. 20 Mazdas in lieu of taxes. (Co. also lts. Rome.)

D G L W 1 ✠ 25

**BENTON**, 1,194—Central Maine Pwr. Co. See Augusta.

**BERWICK**, 2,280—Twin State Gas & Elec. Co. See Dover, N. H.

**BETHEL**, 834—Merrill-Springer Co.; cap. $38,000.

Pres. H. E. Jordan..................Bethel
V. Pres. Geo. L. Merrill.............. "
*¶ Treas. & Mgr. N. R. Springer... "
Engr. Pwr. Sta. H. R. Austin...... "

2 a.c. W. E. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys; 250 hp. b.

City cont. 90 tung. 40 w. $13 per yr; moonlt; mill refuse.

D L S 3 ✠ 125

**BIDDEFORD** 17,079—York County Pwr. Co. (Successor to York Lt. & Heat Co.) (Gen. Stas. at Biddeford. York Harbor and Sanford.) (Owns Ossipee Valley Pwr. Co. and is controlled by the Cumberland County Pwr. & Lt. Co.); cap. (pfd.) $425,000, (com.) $1,000,000; bds. $898,500.

Pres. Wm. M. Bradley.........Portland
1st V. Pres. Frank D. Marshall.. "
*2nd V. Pres. & Gen. Mgr.
Albert H. Ford................. "
Sec. Wm. Shepherd Linnell..... "
Treas. & Clerk, Chas. F. Berry.. "
Asst. Treas. C. A. Pearson, Jr..Phila., Pa.
Asst. to Gen. Mgr.
Alfred Sweeney. ...............Portland
Agt. Wm. E. Shaw .............Biddeford
¶Pur. Agt. M. A. Williams......Portland
Gen. Supt. F. R. Fowles......... "
Engr. Pwr. Sta. E. J. Sullivan..Biddeford

4 a. c. G. E, West. tot. 1860 kw. 2100-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230-115 v. 3 ph. 60 cys; 1190 hp. e. H. F. & M, Fitch; 1650 hp. stm. turb. Westg; 1200 hp. b. Stir.

City cont. 98 series arcs 6.5 amp. $82.50 per yr; 190 series Tung. 50 c.p. $25 per yr; all nt; coal $4.05. (Co. also serves Saco, Biddeford Pool, Old Orchard, Pine Point, Kennebunkport, Wells, Ogunquit, York, York Beach, York Corner, York Harbor York Village, Sanford, Springvale, Alfred and Waterboro.)

D N S 3 ✠ ★16

**BINGHAM**, 1,788—Central Maine Pwr. Co. See Augusta.

**BLAINE**, 1,013—Maine & New Brunswick Elecl. Pwr. Co. See Presque Isle.

**BLUE HILL**, 1,462—Bar Harbor & Union River Pwr. Co. See Ellsworth.

**BONNY EAGLE**—Cumberland County Pwr. & Lt. Co. See Portland.

6 a.c. G. E. tot. 7200 kw. 2300 v. 3 ph. 60 cys; 14,400 hp. wtr. wh. Smith; trans. volt. 38,000 v.

N W 3 16

**BOOTHBAY**, 1,700—Boothbay Harbor Elec. Lt. & Pwr. Co. See Boothbay Harbor.

**BOOTHBAY HARBOR**, 1,926—Boothbay Harbor Elec. Lt. & Pwr. Co.; cap. auth. $50,000.

Pres. Frank Castner........Boston, Mass.
Treas. E. W. Gross............Berlin, N. H.
*¶Mgr. & Ch. Engr.
John Auld..............Boothbay Harbor

Energy purchased from Portland Pwr. & Devel. Co., Damariscotta, 16 mi. trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 133 Mazdas G. E. $15 per yr; moonlt. (Also lts. Boothbay and Southport.)

D L 3 ★125

**BREWER**, 5,667—Bangor Ry. & Elec. Co. See Bangor.

**BRIDGEWATER CENTER**, 1,179—Bridgewater Elec. Co.; cap. $10,000; bds. $18,000.

Pres. J. H. Farley.....Bridgewater Center
Sec. E. B. Morton ..... " "
*¶Treas., Mgr. & Engr. Pwr. Sta.
A. M. Stackpole, Jr......... "

Buys current from Maine & New Brunswick Elecl. Pwr. Co.; 33,000-2200 v; 1 transf. G. E. 25 kw; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

City cont. 27 Tung. 32 c. p. $9.60 per yr; moonlt.

D L I ✠ 125

**BRIDGTON**, 2,660—Bridgton Water & Elec. Co. (Successors to Bridgton & Harrison Elec. Co.); cap. auth. $90,000; bds. $90,000.

Pres. W. E. Sanborn...........Springvale
Sec. E. C. Walker...............Bridgton
*Treas. (Mrs.) E. S. Gleason.... "
Mgr. & Cont. Agt. C. E. Gleason "

2 a. c. West. tot. 270 kw. 2200 v. 2 ph. 60 cys; a c. day (4 A. M. to 12 P. M.) & nt. ltg. cir. 110 v; a. c. day mo. cir. 110-220 v. s. & 2 ph. 60 cys; 225 hp. e. A. & S; 375 hp. wtr. wh. Platt; 150 hp. b. Portland.

City cont. 5 arcs $38 per yr; 150 incs. 32 c. p. $10.75 per yr; moonlt. midnt; coal $6.

D L S W 1 2 ★125

**BRISTOL,** 2,415—Portland Pwr. & Development Co.. See Damariscotta.

**BROWNVILLE,** 1,570 — Brownville Elec. Lt. & Pwr. Co.; cap. $5,000.
*¶Pres., Treas. & Mgr. John Lewis, Brownville
1 a. c. — 2000 lt. 106 v. 60 cys.
(Also lts. Brownville Junction.)
L X 14

**BRUNSWICK,** 6,621—Bath & Brunswick Lt. & Pwr. Co. (Brunswick Div.) See Bath.
Supt. V. Bagley..............Brunswick
2 d. c. arc G. E. tot. 240 lt; 3 a. c. West. 510 kw. 2200-104 v. 2 ph. 60 cys; a. c. day cir. 2200-104 v; pwr. cir. 2200 v; 475 hp. e. West; 500 hp. turb. (wtr.) S. & B. Smith, Hol; 376 hp. b. Stir.

City cont. 76 arcs —— c. p. $75 and $50 per yr; 28 incs. 65 & 32 c. p. $30 & $15 per yr; 33 com. arcs 1200 c. p. 8 to 10 cts. per kw; moonlt. midnt; all nt; coal. (Co. also lts. Topsham).

D L S W 2 ✠ 125

**BUCKFIELD,** 1,139—Buckfield Wtr., Pwr. & Elec. Co.
*Pres. H. A. Irish..............Buckfield
Sec. F. R. Dyer.................. "
Treas. Mgr. E.N.Taylor...Waverly, Mass.
Ch. Engr. & Elecn. A. Damon..Buckfield
2 d. c. Westg. tot. 20 kw. 120 v; — hp. turb. (wtr.) Pelton.
City cont.
C L W 125

**BUCKSPORT,** 2,793—Penobscot Bay Elec. Co. Pwr. plants in E. Orland, Searsport and Belfast (aux.). (Will be taken over by Central Maine Pwr. Co.); cap. auth. $200,000.
Pres. W. M. Shaw..............Greenville
Treas. M. H. Blackwell..............Bath
Supt. A. C. Hopkins..............Belfast
Engr. Pwr. Sta. Harold Parker..E. Orland
2 a. c. Bull. tot. 500 kw. 2200-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 1000 hp. turb. (wtr.) Allis C; trans. 19,800-6600 v. 3 ph. 60 cys.

City cont. 50 series incs. 25 and 32 c. p. $12 per yr; all nt. (Serves also Orland, East Orland, Stockton Springs, Searsport and Belfast.)

D L W 3 ✠ 16W

**BUXTON,** 1,675—Clark Pwr. Co. See Clarks Mills.

**CALAIS,** 6,116—*St. Croix Gas Lt. Co.; cap. $24,000, 5 p. c. div; no bds.
Pres. & Treas. Frank Todd, St. Stephen, N. B.
¶ Mgr. & Supt. F. N. Davis.........Calais
3 a. c. G. E. West. 2200-112 v. s. ph. 60 cys; 2 d. c. arc Brush tot. 250 lt. 90 v; 300 hp. e. A. & S; 450 hp. turb. (wtr.) Dayton; 300 hp. b. Whittier.

City cont. 102 arcs magn. 360 w. $60 per yr; 16 Tung. 60 w. $20 per yr; mdnt; coal $5. (Co. also lts. St. Stephen and Milltown, N. B.)

L S W 1 ✠ 73

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Calais St. Ry. Office 19 N. St. (Two gen. stas.); cap. outstg. $100,000; bds. $100,000.
Pres. Geo. A. Curran...............Calais
¶Treas. & Mgr. Ben. Y. Curran.... "
*Gen. Supt. Chas. F. Pray ........ "
2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 550 v; a. c. day & nt. mo. cir. 110-220 v; 175 hp. e. Ball; 200 hp. b. Cungh; 600 hp. wtr. wh. Smith. (Motor load only.)
C R S W 3 25

**CAMDEN,** 3,015—Rockland, Thomaston & Camden St. Ry. See Rockland.

**CAPE ELIZABETH,** 5,450—Cumberland County Pwr. & Lt. Co. See Portland.

**CARIBOU,** 5,377—Caribou Water, Lt. & Pwr. Co.
*Pres. Treas. & Mgr. R. C. Gary..Caribou
Sec. J. P. Donworth............. "
1 a. c. G. E. 200 kw. 2300-550 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day mo. cir. 500 v; 150 hp. e; 350 hp. turb. Holmes, Leffel.
All nt.
D L S W 3 ✠ 16

**CHERRYFIELD,** 1,859— Cherryfield Elec. Lt. Co.; cap. $7,000.
Pres. Frank C. Nash........ Cherryfield
Sec. & Treas. S. M. Campbell "
*¶Mgr. & Supt. E. S. Nash... "
1 a.c. G. E. 35 kw. 1040-104 v. s. ph. 125 cys; no day cir; 75 hp. e. Ames; 50 hp. turb. W. I. Wks; 80 hp. b. Ames.
Coal & wood. (Co. also lts. Millbridge.)
L S 1 ✠ 25

**CHESTERVILLE,** 627—Geo. A. Weymouth. See Farmington Falls.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
D L 16

**CLARKS MILL,** 115—Clark Pwr. Co.; cap. $10,000.
*Pres. Cecil F. Clark..........Clarks Mill
Sec. E. L. Morrill.....................Saco
Treas. Wm. Amory.........Boston, Mass.
Engr. Pwr. Sta. Walter Home........Saco
1 a.c. G. E. 312 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 220 v. s. & 3 ph. 60 cys; water pwr.
(Co. also lts. Buxton, Dayton and Hollis.)
D L W 1 3 122

**CLINTON,** 1,398—Central Maine Pwr. Co. (Waterville Dist.) See Augusta.

Energy from Benton Station; trans. volt. 2200 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 30 incs. 32 c. p. $13.33 per yr; all nt.

D L 2 25

**CORINNA,** 1,193—Central Maine Pwr. Co. See Augusta.
Supt. J. H. Winchester............Corinna
Trans. volt. 33,000 v.
L 25

**CUMBERLAND,** 1,404 — Cumberland County Pwr. & Lt. Co. See Portland.

**DAMARISCOTTA,** 876—Portland Pwr. & Development Co. (Controls and operates Twin Village Wtr. Co.); cap. $100,000; bds. $100,000.
Pres. Col. H. M. Castner........Portland
Sec. & Treas. K.M.Dunbar..Damariscotta
*¶Mgr. Cont. Agt. & Supt.
J. K. Waterhouse...........New Castle
Engrs. Pwr. Sta. { V. N. Batteese ....Damariscotta
A.S. Trask..Damariscotta Mills
W.A.Trask.. " " }
2 a. c. G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; trans 11,000 v; 6 transf. 115 kw; a.c. day & nt. ltg. cir. 112 v; a. c. day mo. cir. 220-550 v. 3 ph; 850 hp. wtr. wh. Hol; 75 hp. b. Hodge.

City cont. 64 Mazdas mult. 40 w. $13.50 per yr; all nt. (Co. also lts. Bristol, Newcastle, Noblesboro, and sells in bulk to Boothbay Harbor Elec. Lt. & Pwr. Co. and Wiscasset Elec. Lt. & Pwr. Co.)

D L W 1 3 ✠ 125

**DEXTER,** 3,530—Central Maine Pwr. Co. See Augusta.
Supt. C. H. Maxfield ............... Dexter
Trans. volt. 33,000 v; 3 transf. Ft. W. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 109 incs. 32 c. p. $12 per yr; all nt.
D L 3 ✢ ★95†

**DIXFIELD,** 1,052—Rumford Falls Lt. & Wtr. Co. See Rumford.

**DOVER,** 2,091—Greenville Lt. & Pwr. Co. See Foxcroft.

**DURHAM,** 1,625—Lisbon Falls Elec. Co. See Lisbon Falls.

**EASTON,** 1,215—Easton Elec. Co.; cap. $5,000.
*Pres. & Mgr. C. N. DeLaite ..... Easton
¶ Sec. & Treas. C. W. Spear ..... "
Purchases energy from Maine & New Brunswick Elecl. Pwr. Co.; 33,000-2200-104 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 108-104 v. 60 cys.
City cont. 27 tung. 40 w. tot. $300 per yr; moonlt.
D L 1 ✢ 25

**EASTPORT,** 4,961—Eastport Elec. Ltg. Co.; bds. $15,000.
*Mgr. E. B. Jonah ............... Eastport
Purchases current from Pennamaquan Pwr. Co; 7000 v. trans.
City cont. 35 arcs 450 w. and 25 incs. 16 & 25 c. p. tot. $2000 per yr; moonlt. mdnt.
L ★16

**ELLSWORTH,** 3,549—Bar Harbor & Union River Pwr. Co. For executive officers see Bar Harbor.
Supt. L. H. Cushman .......... Ellsworth
2 a. c. G. E. tot. 2250 kw. 2300-108 v. 3 ph. 60 cys; 2250 kw. turb. (wtr.) ———.
City cont. 5 arcs 7.5 amp. G. E. $65 per yr; 104 series tung. 60 w. $22 per yr; all nt; coal $6.50. (Also lts. Ellsworth Falls and Blue Hill.)
L W 3 16

**FAIRFIELD,** 4,435 — Central Maine Pwr. Co. See Augusta.

**FALMOUTH,** 1,488—Cumberland County Pwr. & Lt. Co. See Portland.

**FARMINGTON,** 1,240—Franklin Lt. & Pwr. Co.
Pres. F. J. Savage ............... Fairfield
*Treas. & Mgr. C. O. Sturtevant Farmington
1 a. c. Allis C 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; trans. volt. 22,000 v; 800 hp. wtr. wh. Smith.
City cont. — incs. 100 w. $20 per yr; all nt. (Also lts. New Vineyard, Strong, West Farmington, East Wilton and furnishes energy to the Wilton Lt. Co.)
D L W 1 3 §16

**FARMINGTON FALLS,** 288—Geo. A. Weymouth.
1 G. E. 3 ph. 60 cys; trans. volt. 2200-6600 v; a. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir 110 v. s. ph. 60 cys; 130 hp. wtr. wh. Trump.
City cont. 35 Mazdas 100 c. p. $30 per yr; all nt. (Also lts. Chesterville, Vienna and Mt. Vernon.)
D L W 1 §16

**FORT FAIRFIELD,** 4,381—Fort Fairfield Lt. & Pwr. Co.; cap. $21,000; bds. $12,000.
Pres. A. E. Stevens ........... Ft. Fairfield
*¶ Sec., Treas. & Mgr.
H. D. Stevens ............... "
Supt. & Ch. Elecn.
John P. Forrest ............ "
Pwr. from Maine & New Brunswick Elec'l Pwr. Co. Ltd; 3 transf. G. E. tot. 300 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys.
City cont. 72 series Mazdas 40 w. $13.90 per yr; all nt.
D L 3 ✢ 75

**FORT KENT,** 3,710—Ft. Kent Elec. Co.; cap. outstg. $28,000; bds. $11,000.
Pres. A. O. Robbins ............. Ft. Kent
Sec. & Treas. J. Archambault... "
*¶ Mgr. Supt. & Cont. Agt.
M. T. Billings ................. "
Engr. Pwr. Sta. John Babin...... "
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. wtr. wh. Lef.
D L W 3 ✢ 75

**FOXCROFT,** 1,867 — Greenville Lt. & Pwr. Co. For executive officers see Greenville.
Engr. Pwr. Sta. H. E. Horne .. East Dover
2 a. c. G. E. tot. 300 kw. 2300-104 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph 60 cys; 500 hp. e. Erie; 310 hp. b. Erie, Ames; 440 hp. wtr. wh. Hol. Purchases energy from Central Maine Pwr. Co.
City cont. 100 incs. 60 c. p. $15 per yr; all nt; coal $5.50. (Also lts. Dover & Sangerville.)
D L S W 3 ✢ 25

**FREEPORT,** 2,460—Lewiston, Augusta & Waterville St. Ry. (Acquired in 1913 the Freeport Elec. Lt., Ht. & Pwr. Co. and the Brunswick & Yarmouth St. Ry. Co.) (Controlled by the Cumberland County Pwr. & Lt. Co.); cap. $600,000 (pfd.). $2,400,000 (com.); bds. $4,307,000.
Pres. Wm. M Bradley ............ Bangor
1stV. Pres. Frank Silliman, Jr... Phila., Pa.
2ndV. Pres H. L. Clark ......... "
3d V. Pres. & Gen. Mgr. A. H. Ford . Portland
Treas. C. A. Pearson, Jr... ... Phila., Pa.
Asst. Treas. Grace E Fitz ...... Portland
Clerk, C. F. Berry ............... "
Asst. to Gen. Mgr. Alfred Sweeney "
¶ Pur. Agt. M. A. Williams..... "
Ch. Engr. & Elecn.
Frank W. Hulett ............. Lewiston
1 a. c. G. E 200 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-115 v; 160 hp. e. McI. & S.
D R S 3 ✢ ★16

**FRYEBURG,** 1,282—Fryeburg Elec. Lt. Co.; cap. outstg. $10,000.
Pres. D. W. True .................. Lovell
*¶ Treas. Mgr. & Ch. Engr.
Herbert Hanscom ............ Fryeburg
Energy purchased from Swans Falls Co. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 2 ph. 60 cys; G. E. transf. 100 kw.
City cont. 61 incs. T. H. 32 c. p. $12 per yr; all nt. (Also lts. Conway, Conway Center and East Conway and Redstone, N. H.)
D L 2 ★16

Swan Falls Co. Office Fryeburg. (Pwr. Sta. at Swans Falls.)
Mgr. Herbert Hanscom ......... Fryeburg
1 a. c. G E. 250 kva 2300 v. 3 ph. 60 cys; trans. volt. 11,000 & 2300 v. 2 & 3 ph. 60 cys; 340 hp. wtr. wh. Smith, Chase.
All energy sold to Fryeburg Elec. Lt. Co.
T W 2 3 §16

**GARDINER,** 5,311 — Central Maine Pwr. Co. See Augusta.

**GORHAM,** 2,822—Westbrook Elec. Co. Co. See Westbrook.

**GRAY,** 1,270—Androscoggin Elec. Co. See Lewiston.

**GREENVILLE,** 1,117—Greenville Lt. & Pwr. Co. Offices, 79 Front St. (Will be taken over by Central Maine Pwr. Co.); cap. outstg. $50,000; bds. $200,000.
Pres. A. H. Shaw..................Bath
V. Pres. Wm. M. Shaw........Greenville
Treas. M. H. Blackwell..............Bath
¶ Mgr. W. G. Parker.............Foxcroft
*Supt. Louis M. Galusha.......Greenville
Engr. Pwr. Sta. Wm. A. Wilt.. "
3 a. c. G. E. Ft. W. tot. 550 kw. 4150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 2080 & 220 v. 3 ph. 60 cys; 800 hp. wtr. wh. Holyoke; trans. 16,500 & 4150 v. 12 miles.
City cont. 41 incs. street series 6.6 amp. 32 c.p. $10 per yr; all nt. (Co. lts. Greenville, Greenville Junction, Dover, Foxcroft & Sangerville and sells energy in bulk in Monson.)
D L W 3 ✢ 16w

**GUILFORD,** 1,680—Piscataquis Woolen Co.; cap. auth. & pd. in $120,000.
Pres. M. L. Hussey...............Guilford
*¶ Sec. & Treas. C. S. Douglass.. "
Supt. John Houston............ "
1 a. c. G. E. 100 kw. 2300-115 v. 3 ph. 60 cys; 1 d. c. Mather 50 kw. 115 v; 125 hp. e. Atlas; 250 hp. turb. (wtr.) Hercules, Chase; 200 hp. b. Stewart.
City cont. 80 incs. 16 c. p. $5.45 per yr. 12 P. M; wood & coal.
C D L S W 3 ✢ ★125

**HALLOWELL,** 2,864—Central Maine Pwr. Co. See Augusta.

**HAMPDEN,** 2,380—Bangor Ry. & Lt. Co. See Bangor.

**HARRISON,** 967—*Joseph Petts Grist Mill.
L 14†

**HARTLAND,** 1,176—Hartland Elec. Lt. & Pwr. Co.; cap. outstg. $5,000; bds. $14,000; cost $20,000.
*¶Pres. & Mgr. C. A. Moulten...Hartland
V. Pres. A. W. Miller........... "
Sec. E. A. Webber............. "
Treas. Carl Randlett............ "
Audr. D. A. Packard.... ...... "
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys.
City cont. 60 incs; hrs. (Co. also lts. St. Albans.)
D L 3 125

**HIRAM,** 1,063—Cornish & Kezar Falls Lt. & Pwr. Co. See Kezar Falls.

**HOLLIS,** 1,284—Clark Pwr. Co. See Clarks Mill.

**HOULTON,** 5,845--Houlton Water Plant (Munic.) (Purchased plant of Houlton Elec. Co.); cost $45,000; bds. $35,000.
Pres. C. H. Pierce...............Houlton
Sec. & Treas. Jos. A. Browne.... "
*Supt. B. B. McIntyre............ "
Purchases energy from Maine & New Brunswick Elec'l Pwr. Co., Ltd.; 6 G. E. transf. tot. 600 kw. 33,000-2300 v; 1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. s. ph. 60 cys; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys; 125 hp. e. Greene; 125 hp. b. Bab. & W.
City cont. 9 arcs G. E. 5.5 amp. 6 cts. per kw; 200 incs. 5.5 amp; coal $5.
D L S 1 3 ✢ 25

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Houlton Mills & Lt. Co.
*Owner & Mgr. T. C. S. Berry...Houlton
Supt. & Elecn. Michael E. Murphy "
4 d. c. Mather tot. 175 kw. 125 v; d. c. day & nt. ltg. cir. 125 v; 150 hp. e. Erie; 300 hp. turb. Leffel; 200 hp. b. Erie.
C D L S W ✢ 125

**ISLAND FALLS,** 1,063—Island Ltg. Co. (Purchased the elec. lt. plant of the Emerson Lumber Co.)
*¶ Ch. Engr. Lester Perry....Island Falls
1 a. c. Stan. 60 kw. 110 v. 2 ph. 60 cys; a. c. nt. ltg. & mo. cir. 220 v; 150 hp. e. Atlas; 300 hp. b. Atlas.
City cont. 2 arcs $25 per yr; 46 incs. $15 per yr; mdnt. & 4 A. M. to 6.30 A. M.; wood.
L W 2 ✢ ★125

**JACKMAN,** 367 — Dennistown Pwr. Co. (Plant nr. Crocker Pond.)
Pres. B. W. Page.............Skowhegan
*Mgr. George Lunt.............Jackman
94 kw. wtr. wh. set. (Contemplates installation of aux. stm. plant.)
L W §16†

**JAY,** 2,987—Livermore Falls Lt. & Pwr. Co. See Livermore Falls.

**KENNEBUNK,** 3,099—*Elec. Lt. Dept. (Munic.); cost $11,500.
Board Comrs. { L. S. Edgcomb....... / Treas. F. M. Lowell... / Supt. I. H. Wells..... } Kennebunk
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s.ph. 60 cys; 180 hp. e. Harris Cor; 65 hp. wtr. wh; 250 hp. b. Scannel. Purchases energy also from York County Pwr. Co.; Ft. W. transf.
500 series st. incs. 32 c. p; coal $5.
D L S W 1 3 114

**KENNEBUNKPORT,** 2,190 — York County Pwr. Co. See Biddeford.
Local Agt. Herbert A. Hall, Kennebunkport
Energy from Biddeford; trans. 11,000 v. 3 ph. 60 cys; day cir.
City cont. 167 Mazdas 25 c.p. $10 per yr; midnt.
D L 3 16

**KEZAR FALLS,** 800—Cornish & Kezar Falls Lt. & Pwr. Co.; cap. auth. & pd. in $30,000; bds. auth. $30,000.
*¶ Pres., Mgr. & Supt.
Allen Garner................Kezar Falls
Sec. & Treas. W. A. Garner.. "
2 a. c. G. E. tot. 225 kw. 2300-104 v. 3 ph. 60 cys; a. c. day cir. 110 v; mo. cir. 115 v; 380 hp. turb. S.-V. & Co.
City cont. 40 incs. 32 c. p. $10 per yr. (Co. also lts. Porter, Hiram & Cornish.)
D L W 3 ✢ 16

**KINGFIELD,** 927 — Huse Spool & Bobbin Co.; cap. auth. $50,000, pd. in $23,600; no bds.
Pres. E. S. Larabee..............Kingfield
*Treas. & Mgr. H. S. Wing.... "
Supt. Wm. O. Foster........... "
1 a. c. G. E. 120 kw. 1100 v. s. ph. 133 cys: 150 hp. e. Nagle, Cor; 150 hp. b. Roberts; sawdust & wood. (Energy sold in bulk to Kingfield Lt. Co.)
S T 1 ✢ ★95

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Kingfield Lt. Co.
Owners { H. S. Wing..........Kingfield / Earl L. Wing.......... "
Energy purchased from Huse Spool & Bobbin Co; 24 transf. tot. 53¼ kw; a. c. nt. ltg. cir. 110 v. 133 cys.
City cont. 33 incs. series 60 c. p. $16.66 per yr; mdnt. & 4.30 A. M. to daylt.
L 3 ✢ §115

**KITTERY,** 3,533—Rockingham County Lt. & Pwr. Co. See Portsmouth, N. H.

**LEBANON,** 1,385—Twin State Gas & Elec. Co. See Dover, N. H.

**LEWISTON,** 26,247—*Munic. Elec. Lt. Plant; cost $48,000; bds. $50,000.
¶ Mgrs. Ltg. Com...............Lewiston
Supt. & Ch. Elecn. Chas. Guimond "

2 a. c. Allis C. tot. 400 kw. 2300 v. 3 ph. 60 cys; 6 transf. Ft. W, C-W. 275 tot. kw; nt. ltg. cir. 115 v. 60 cys; 500 hp. turb. Holyoke (wtr. wh.).

214 city arcs

L W 3 23

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Androscoggin Elec. Co. (Consolidation of the Lewiston & Auburn Elec. Lt. Co. and Portland-Lewiston Interurban R. R. organized as Portland, Gray & Lewiston R. R.) (Controls Mechanic Falls Lt. Co.); cap. auth. $2,000,000 ($1,500,000 com. & $500,000 prfd.).

Pres. W. T. Cobb..............Rockland
Clerk, Josiah H. Drummond....Portland
Sec. & Treas. Frank H. Bradford "
¶ Gen. Mgr.
F. D. Gordon................Lewiston

7 a. c. G. E. tot. 6300 kw. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir; 1500 kw. turb. (stm.) G. E; 1036 hp. b. Heine.

City cont. 125 arcs 6.6 amp. $55 per yr; 100 incs. 40 w. $12 per yr; moonlt; coal $3.85. (Co. also lts. Auburn and New Gloucester.)

D L S 3 ✠ 95†

**LIMESTONE,** 1,293—Maine & New Brunswick Elec'l Pwr. Co. See Presque Isle.

**LISBON,** 4,116—Lisbon Falls Elec. Co. See Lisbon Falls.

**LISBON FALLS,** 2,017—*Lisbon Falls Elec. Co. Office, 24 Milk St., Boston, Mass. (Owned by New England Securities Co.); cap. $50,000, bds. $25,000.

Pres. Daniel C. Linscott....Boston, Mass.
¶ Treas. Mgr. & Cont. Agt.
N. Curtis Fletcher........ " "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 113 v. s. & 3 ph. 60 cys; 150 hp. wtr. wh. Hol.

City cont. 158 series Tung. 40 w. $20 per yr; moonlt; all nt. (Co. also lts. Lisbon, Lisbon Centre and Durham.) (Will connect with Yarmouth Plant.)

D L W 1 3 ✠ 74

**LIVERMORE,** 1,125—Livermore Falls Lt. & Pwr. Co. See Livermore Falls.

**LIVERMORE FALLS,** 1,675 — Livermore Falls Lt. & Pwr. Co.; cap. auth. $100,000.

Pres. Edwin Riley.......Livermore Falls
*¶Treas. & Mgr.
John H. Maxwell................ "
Clerk, Della Davis Maxwell......... "
Supt. & Ch. Elecn. H.N.Genthner.. "

Buys current from International Paper Co; a. c. day cir.

City cont. 60 incs. 30 c. p. $13 per yr; 1 com. arc 2000 c. p. & 1500 com. incs. 16 c. p. 10 cts. per kw. (Also lts. Chisholm, Jay, East Dixfield, Livermore & No. Jay.)

D L X ✠ 125

**MACHIAS,** 2,089—Machias Elec. Lt. Co.; cap. auth. $9,000.

Pres. E. B. Curtis.................Machias
*Treas. R. C. Bailey............. "
Supt. C. C. Parker............... "

1 a. c. G. E. 100 kw. 2300-104 v. 3 ph. 60 cys; 150 hp. e. West; 225 hp. turb. Holyoke; 150 hp. b. Dillon.

City cont. 81 incs. 16 c. p. $10 per yr. all nt.

L S W 3 23

**MADISON,** 3,379—Madison Elec. Wks. (Munic.): pwr. plant at Norridgewock on Sandy River; cost $84,156; bds. $44,000.

Treas. Chas. Caldwell........... Madison
*¶Mgr. Cont. Agt. & Supt.
E. W. Adams................... "

2 a. c. G. E. tot. 300 kw. 6600 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 600 hp. turb. (wtr.) Hunt, Smith.

13,000 city incs. all nt. (Also lts. So. Anson.)

D L W 3 ✠ 95†

**MARS HILL,** 1,183—Maine & New Brunswick Elec'l Pwr. Co. See Presque Isle.

**MECHANIC FALLS,** 1,937—Mechanic Falls Elec. Lt. Co. (Controlled by Androscoggin Elec. Co.); cap. stk. $75,000; bds. issued $23,000, 5 p. c. int.

Pres. William T. Cobb.........Rockland
Treas. Frank H. Bradford.......Portland
Clerk, Josiah H. Drummond.... "
¶ Mgr. F. D. Gordon............Lewiston

2 a. c. West. tot. 150 kw. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 440 220-104 v. 2 ph; 150 hp. e. A. & S; 150 hp. turb. (wtr.) Hunt; 150 hp. b. Portland.

City cont. 167 series Mazdas 32 c. p. $10 per yr; moonlt. all nt; coal $5. (Co. also lts. Oxford and Hebron).

D L S W 2 ✠ 65

**MEXICO,** 2,065—Rumford Falls Lt. & Wtr. Co. See Rumford.

**MILFORD,** 200—Bangor Power Co. (Controlled by Bangor Ry. & Elec. Co.); cap. $1,750,000; bds. $1,215,000.

Pres. E. C. Ryder...................Bangor
V. Pres. & Gen. Mgr.
Edw. M. Graham................ "
Treas. & Clerk. Howard Corning.. "
Supt. & Engr. C. A. Kittredge....Milford

8 a. c. Stan, G. E. tot. 7600 kw. 2200 v. 3 ph. 25 cys; 2 d. c. St. L, West. tot. 500 kw. 125 v; trans. volt. 22,000 v. 3 ph. 25 cys; 1 rot. conv. G. E. 200 kw; 9200 hp. wtr. wh. Allis-C, S. M. Smith.

Sells energy to Bangor Ry. & Elec. Co.

C T W 3 ★125

**MILLBRIDGE,** 1,500 — Cherryfield Elec. Lt. Co. See Cherryfield.

**MILO,** 2,556—Milo Elec. Lt. & Pwr. Co.; cap. $25,000; bds. $20,000.

Pres. John N. d'Este,
Milo and 26 Canal St., Boston, Mass.
Sec. Julian d'Este " " "
*¶Mgr. & Cont. Agt. C. D. Tawne....Milo
Ch. Engr. Pwr. Sta. Wm. O'Connell. "
Asst. Engr. Basil Templeton........ "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. wtr. wh. Smith.

City cont. 75 incs. series 60 c. p. $15 per yr; all nt.

D L W 3 ✠ 125

**MONMOUTH,** 1,386—Winthrop & Wayne Lt. & Pwr. Co. See Winthrop.

**MONSON,** 1,116—Monson Lt. & Pwr. Co.; cap. $30,000.

Pres. H. W. Waite..................Monson
*¶Sec. & Supt. F. H. Crane...... "
Treas. G. F. Barnard............. "

Buys energy from Greenville Lt. & Pwr. Co.; 1 a.c. G. E. 70 kw. 2100-110 v. s. ph. 125 cys; no day cir; 45 hp. e. Nagle; 75 hp. turb. (wtr.)

City cont. 72 incs. 16 c. p. $5 per yr; all nt.

L W 1 ✠ 26

**MONTICELLO** 1,332—Monticello Elec. Co.; cap. $3,000.

*¶Pres. & Mgr. Guy C. Fletcher. Monticello
Sec. Robt. McLeod............. "
Treas. W. A. Buck............. "

Buys power from Maine & New Brunswick Elecl. Pwr. Co.; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. s. ph. 60 cys; 1 transf. Pitts. 25 kva.

City cont. 700 tung. and carbon.

D L 1 ✠ 125

**MT. VERNON,** 898 — Geo. A. Weymouth. See Farmington Falls.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
D L 1 16

**NEWCASTLE,** 1,128—Portland Pwr. & Development Co. See Damariscotta.

**NEW GLOUCESTER,** 1,228–Androscoggin Elec. Co. See Lewiston.

**NEWPORT,** 1,533 — Newport Lt. & Pwr. Co; pwr. sta. at Detroit; cap. $16,000; bds. $15,000.
Pres. W. B. Moulton..............Portland
*Sec.,Treas. & Mgr. C. E. Smith..Newport
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day mo. cir. 104 v. s. ph. 60 cys; 75 hp. b. ——; 75 hp. e. A. & S; 250 hp. turb. (wtr.) Leffel.
City cont. 95 incs. mult. 32 c. p. $12.50 per yr; all nt; coal $4.75. (Also lts. Detroit.)
D L S W 1 3 ✢ 125

**NORTH BERWICK,** 1,748 — Twin State Gas & Elec. Co. See Dover, N.H.

**NORTH CHESTERVILLE,** 350 — North Chesterville Lt. & Pwr. Co.
L 14†

**NORTH GORHAM,** 350—Cumberland County Pwr. & Lt. Co. See Portland.
4 a. c. G. E. 2000 kw. 10,000 v. 3 ph. 60 cys; 3544 hp. wtr. wh. S. & B, S.-V. & Co; trans. volt. 38,000 v.
N W 3 16

**NORTH NEW PORTLAND**—C. H. Bartlett Mfg. Co.; cap. $19,560; no bds
*¶Pres. Mgr. & Cont. Agt.
C. H. Bartlett........No. New Portland
Sec. M. W. Clark...... " " "
Treas. W. B. Clark.... " " "
1 a. c. Ft. W. — kw. 110 v. 3 ph. — cys; no day cir; 70 hp.e. C. & T; 80 hp.b. Portland Co.; 125 hp. wtr. whl. Smith.
City cont. 500 Mazdas 80 cts. per mo; all nt; waste.
L S W 3 75

**NORWAY,** 3,002 — Norway & Paris Street Ry. Co. (Owns Maine Pwr. Co. and is controlled by Maine Rys. Lt. & Pwr. Co.); cap. auth. $50,000; bds. $118,000.
Pres. William T. Cobb,
Union Mutual Bldg., Portland
Treas. F. H. Bradford,
Union Mutual Bldg., Portland
Audr. M. H. Pero,
Union Mutual Bldg., Portland
Gen. Mgr. Fred D. Gordon......Lewiston
Supt. H. B. Young................Norway
2 d. c. T-H. tot. 124 kw. 500 v; 3 a. c. G. E, West. tot. 515 kw. 2200 & 550 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-550-220 v; 500 hp. e. West, Corliss; 736 hp. turb. (wtr.) Hunt; 600 hp. b. Erie.
City cont. 26 arcs 500 watt $55 per yr; 149 incs. 40 c. p. $12 per yr; coal $4.50. (Co. also lts. So. Paris.)
C D R S W 3 ✢ 104

**OAKLAND,** 1,913—Central Maine Pwr. Co. See Augusta.

**OLD ORCHARD,** 901—York County Pwr. Co. See Biddeford.
Local Agt. R. W. Hawkes...Old Orchard
Energy from Biddeford; 5000 v. 3 ph. 60 cys.
City cont. 130 incs. 60 c. p. 32 c. p. & 200 c. p. $25, $15 & $45 per yr.
L 3 16

**OLDTOWN,** 6,317—Bangor Ry. & Elec. Co. See Bangor.

Trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys.
City cont. 14 series arcs 6.6 amp. $62.50 per yr; 267 series incs. 32 c. p. $15 per yr; moonlt.
D R 3 16

**ORLAND,** 1,251—Penobscot Bay Elec. Co. See Bucksport.

**ORONO,** 3,555—Bangor Ry. & Elec. Co. See Bangor.

**ORRINGTON,** 1,266—Bangor Ry. & Elec. Co. See Bangor.

**OXFORD,** 1,221—Mechanic Falls Elec. Lt. Co. See Mechanic Falls.

**PATTEN,** 1,172—Merrill Mill Co.
Owners & Mgrs. { *G. T. Merrill.........Patten
E. L. Merrill.......... "
1 a. c. Stan. 60 kw. 2300 v. 2 ph. 60 cys; nt. ltg. cir. 110 v. 60 cys; 210 hp. e. Woodruff; 80 hp. turb. (wtr.) Smith; 300 hp. b.
City cont. 75 incs. 16 c. p. $13.33 per yr; all nt; sawdust.
D L S W 2 ✢ 75

**PEMBROKE,** 1,652 — Pennamaquan Pwr. Co. Main office, Eastport; cap. $42,000; bds. $25,000.
*Treas. Edwin B. Jonah..........Eastport
1 a. c. West. 150 kw. 2300 v. 3 ph. 60 cys; 1 wtr. wh. 243 hp. Smith. (Co. sells current to Eastport Elec. Lt. Co.)
Moonlt.
L W 3 125

**PHILLIPS,** 1,399 - Phillips Elec. Lt. & Pwr. Co. Office, Yarmouth.
¶Pres., Treas. & Mgr.
H. H. Berry....................Yarmouth
*Supt. O. D. Fogg..................Phillips
1 a. c. West. 30 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 100 v. 60 cys; no mo. cir; 110 hp. turb. Rodney, Hunt.
City cont. 43 incs. 60 c. p. 80 w; mdnt.
L W 1 ✢ ★125

**PITTSFIELD,** 2,891—Central Maine Pwr. Co. See Augusta.
Supt. E. N. Vickery..............Pittsfield
Trans. volt. 33,000 v.
City cont. 5 arcs 1200 c. p. $50 per yr; 175 incs. 32 c.p. $10 per yr; all nt.
L 25

**PORTLAND,** 58,571 — Cumberland County Pwr. & Lt. Co. Office 451 Congress St. (Acquired the properties, etc., of the Consolidated Elec. Lt. Co. of Maine, Portland Ltg. & Pwr. Co. and Portland Elec. Co.; operates under lease the Portland R. R. Co., and controls the Lewiston, Augusta & Waterville St. Ry. and the York County Pwr. Co.) (Hydro-electric stations at Bonny Eagle, West Buxton and North Gotham and steam station at Portland); cap. (pfd.) $2,300,000, (com.) $2,700,000; bds. $4,805,000.
Pres. W. M. Bradley..............Portland
1st V.Pres. P.G.Gossler..New York, N.Y.
2d V. Pres. Frank Silliman, Jr..Phila., Pa.
*3dV.Pres.& Gen.Mgr.A.H.Ford, Portland
Treas. & Clerk C. F. Berry...... "
Asst. to Gen. Mgr. Alfred Sweeney "
Com. Mgr. Geo. T. Fisher....... "
¶Pur. Agt. M. A. Williams...... "
Supt. Pwr. & Lt. W. C. Billings.. "
2 a. c. tot. 810 kw. 2300 v. 3 ph. 60 cys; 19 d.c. tot. 6210 kw. 550 & 220-110 v; 880 hrs. stor. bat. E. S. B; a. c. day & nt. ltg. cir. 116 v; d. c. ltg. cir. 116 v; a. c. day & nt. mo. cir. 232 v. 3 ph; d. c. mo. cir. 232 v; trans. volt. 38,000 v; 8628 hp. e. Allis C; 1000 kw. stm. turb. G. E; 5070 hp. b. Bab. & W.

City cont. 113 arcs G. E. 6.6 amp. $60 per yr; 3265 tung. 250, 100 & 50 w. $40, $30 & $16 per yr; all nt. (Co. also lts. South Portland, Falmouth, Cape Elizabeth, Cumberland, Windham Centre, North Gorham, West Scarboro and Prout's Neck.)
C D N S W 3 ✠ ★16

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Maine Rys., Lt. & Pwr. Co. Office Union Mutual Bldg. (Controls Norway & Paris St. Ry., Rockland, Thomaston & Camden St. Ry., and Androscoggin Elec. Co.); cap. outstg. $250,000 (prfd.) & $250,000 (com.); bds. outstg. $170,500.
Pres. Wm. T. Cobb..............Portland
Clerk Josiah H. Drummond..... "
Treas. Frank H. Bradford....... "
25

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Peaks Island Lt. Co. Office, Portland; gen. sta., Peaks Island; cap. auth. $30,000.
Pres. E. B. Winslow..............Portland
*Treas. & Mgr. C. W. T. Goding "
1 d. c. arc G. E. 50 lt; 1 d. c. 1150 kw. 110 v; d.c. day cir. 110 v; 200 hp. e. A. & S; 200 hp. b; coal. (Lts. Peaks Island.)
C D L S 16

**PRESQUE ISLE,** 5,179—Maine & New Brunswick Elec'l Pwr. Co., Ltd. (Purchased the Presque Isle Elec. Lt. Co.) Plant located at Aroostook Falls, N. B., Can.; cap. $300,000; bds. $175,000.
Pres. N. M. Jones....... St. John, N. B.
*¶ V. Pres. L. E. Gould......Presque Isle
Sec. R. H. McDonald......... "
Treas. & Mgr. A. R. Gould.... "
Supt. C. O. Austin ............ "
Engr. Pwr. Sta. A. W. Bowden
Aroostook Falls, N. B.
3 a. c. G. E, West. tot. 2500 kw. 11,000 v. 3 ph. 60 cys; trans. volt. 11,000 & 33,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 3900 hp. turb. (wtr.) Jencks, Smith.
City cont. 93 incs. all nt. (Co. also lts. Maplegrove, Mars Hill, Washburn, Limestone and Blaine, Me. and Perth Andover and Grand Falls, N. B. and sells energy to Aroostook Valley R.R., Bridgewater Centre, Easton, Ft. Fairfield, Houlton, Monticello and Van Buren.) (Expect to erect 3 ph. 11,000 v. 60 cys. trans. line to Mapleton.)
D N W 1 3 ✠ ★125

**RANDOLPH,** 1,017 — Central Maine Pwr. Co. See Augusta.

**RANGELEY,** 1,154—Rangeley Lt. & Pwr. Co.; cap. $3,500; bds. $3.500.
Pres. Wm. Tomlinson...........Rangeley
*Sec. & Treas. F. B. Colby...... "
¶ Mgr. Supt. Cont. Agt. & Engr.
Pwr. Sta. C. S. Stansbury...... "
1 a. c. G.E. 60 kw. 2300-110 v. s. ph. 133 cys; a.c. nt. ltg. cir. 110 v. s. ph; 80 hp. e. (gas) Figure Internl.
City cont 42 incs. 32 c. p. $23.81 per yr. mdnt; gasoline 20 cts. per gal.
G L 1 ✠ 113

**READFIELD,** 994—Readfield Lt. & Pwr. Co.
Pres. Leon O. Tebbetts........Waterville
*Sec. & Treas. Chas. P. Hatch
411 Congress St., Portland
Supt. & Elecn. B. E. Leighton..Readfield
1 a. c. Ft. W. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v; 125 hp. turb. (wtr.) Hunt.
City cont. 40 tung. 120 w. $15 per yr; mdnt. & 4 A.M. to 8 A.M; coal.
D L W 3 ✠ 125†

**RICHMOND,** 1,858 — Central Maine Pwr. Co. See Augusta.

**ROCKLAND,** 8,174—Rockland, Thomaston & Camden St. Ry. Co. (Controlled by Maine Rys., Lt. & Pwr. Co.); cap. $400,000; bds. $800,000.
Pres. & Mgr. Wm. T. Cobb.....Rockland
Sec. Alan L. Bird. .. ........ "
Treas. Herbert W. Keep........ "
Supt. Ry. Dept.
Valentine Chisholm.......... "
¶Supt. Ov'h'd Distrb.
R. H. House.................. "
Engr. Pwr. Sta. Chas. E. Gregory..Glencove
Energy from Central Maine Pwr. Co., Augusta, 53 mi. trans. 33,000 v., 2250 kw; 2 d. c. G. E. tot. 800 kw. 500 v; 3 a. c. G. E. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 6600-2200-440-220 v. 3 ph. 60 cys; 1350 hp. e. Wetherell, Cor; 500 hp. b. Hodge.
City cont. 124 magn. arcs 330 w. $63.92, $66.01, $68.11 & $75 per yr; 139 series Mazdas 75 w. $22.90, $23.39 & $24.77 per yr; moonlt. all nt; coal $4. (Co. also lts. Camden, Warren, Glen Cove, Rockport and Thomaston, and sells energy to Rock land. So. Thomaston & St. George Ry.)
C D R S 3 ✠ 65

**ROCKPORT,** 2,314—Rockland, Thomaston & Camden St. Ry. See Rockland.

**RUMFORD,** 9,000—Rumford Falls Lt. & Water Co. (Purchased property of Dixfield Lt. & Improvement Co.); cap. $100,000.
Pres. Geo. D. Bisbee............Rumford
Agt. Waldo Pettingill........... "
¶Cashier Fred. O. Eaton........ "
Treas. & Clerk R. C. Bradford...Portland
*Engr. Chas. A. Mixer...........Rumford
Supt. C. P. Eaton................ "
Energy purchased from Rumford Falls Pwr. Co.; 1000 hp. 2300-550-220-110 v. 3 ph. 40 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550-220-110 v.
City cont. 430 series incs. 60-600 c. p. 5 cts. per kwh; moonlt. all nt. (Co. also lts. Mexico, (98 incs. 40-600 c. p. 5 cts. per kwh.) Dixfield (58 incs. 100 c. p. $10 per yr.) and Peru.)
D L 1 3 ✠ 94

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Rumford Falls Power Co.
Pres. Hugh J. Chisholm
120 Exchange St., Portland
Sec. & Treas. R. C. Bradford.... "
*¶ Supt. & Ch. Engr. Chas. A. Mixer
Rumford
5 a. c. West. tot. 10,000 kw. 2300 v. 3 ph. 40 cys; 15,000 hp. turb. (wtr.); 9 transf. tot. 16,000 kw. 2300-11.000-22,000 v.
Furnishes energy to Rumford Falls Lt. & Wtr. Co. and for manfg. purposes.
T W 3 125

**ST. ALBANS,** 1,027—Hartland Elec. Lt. Co. See Hartland.

**SACO,** 6,583—York County Pwr. Co. See Biddeford.
a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. 3 ph. 60 cys.
City cont. 56 arcs 1200 c.p. $82.50 per yr; 155 incs. $25 per yr; all nt.
D L 3 16

**SANFORD,** 9,049—York County Pwr. Co. Office. 17 Mechanic St. For executive officers, see Biddeford.
Local Agt. S. A. Bodwell..........Sanford
Engr. Pwr. Sta. A. Couture...... "
2 a. c. S. K. C. tot. 440 kw. 2300 v. 2 ph. 60 cys: a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys: 400 hp. e. R. & S; 130 hp. turb. (wtr.) Holyoke;

250 hp. b. Swamp; also purchases energy from Cumberland County Pwr. & Lt. Co; 2 transf. G. E. tot. 500 kw.

City cont. 309 Tung. 40 w. $10 per yr; moonlt; coal $5.00. (Also lts. Springvale, Alfred and Waterboro.)

D L S W 2 16

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Atlantic Shore Ry.—Office, Kennebunk (Absorbed Portsmouth, Dover & York St. Ry. Co. and Alfred Pwr. Co.)

Recvrs. F. O Conant..........Portland
Constant Southworth “
Asst. Treas. S. T. Dow.......Kennebunk
¶ Gen. Mgr. L. H. McCray.... “
*Audr. for Recvrs.
J. W. Leavitt............... “
Elec. Engr. F. M. Richards... “

4 d. c. G. E. tot. 800 kw. 600 v; 5 a. c. West. tot. 2100 kw 1100-440 v. 2 ph. 60 cys; 1000 hp. e. McI. & S; 1200 hp. b. Hodge; 3400 hp. turb. (wtr.) Smith, Platt; trans. 10,000 v. (Co. supplies energy to mills in Sanford.)

C R S W 2 ★125

**SANGERVILLE**, 1,294—Greenville Lt. & Pwr. Co. See Foxcroft.

**SEARSPORT**, 1,349 -- Penobscot Bay Elec. Co. (Successor to Searsport Elec. Co.) See Bucksport.
*Local Mgr. R. L. Avery........Searsport

1 a. c. Stan. 108 kw. 2300 v. 2 ph. 60 cys; a.c. nt. ltg. cir. 104 v. 60 cys; 161 hp. e. Am; 185 hp. b. Portland.

City cont. 33 incs. 32 c. p. $15 per yr; all nt; wood.

L S 2 ✠ 25

**SKOWHEGAN**, 5,341—Central Maine Pwr. Co. See Augusta.
¶ Supt. & Ch. Elecn.
C. J. Abbey.................Skowhegan

1 d. c. arc G. E. 80 lt; 4 d. c. G. E. tot. 170 kw. 104 v; 2 a. c. G. E. Westg. tot. 400 kw. 1100-106 v. 3 ph. 60 cys; a. c. day ltg. cir. 106 v; d. c. day ltg. cir. 106 v; pwr. cir. 106 v; 700 hp. e. Cor; 1200 hp. turb. (wtr.) Leffel; 600 hp. b. Whittier, Roberts.

City cont. 50 arcs 480 w. $50 per yr; 35 mult incs. 112 w. $16 per yr; 7 hrs. every nt. (Contemplates erecting trans. line to Athens.)

C D L S W 3 ✠ 115W

**SOLON**, 996—Central Maine Power Co. See Augusta

**SOUTH BERWICK**, 2,935 – Berwick & Salmon Falls Elec. Co. (Owned by Twin State Gas & Elec. Co.)
Pres. I. L. Meloon .... ....Dover, N. H.
Sec. A D. Foster........... “
Treas. W. G. Meloon........ “
Ch. Engr. & Elecn.
Chas. F. Warrens..........So. Berwick

3 a. c. G. E. tot. 600 kw. 2200 v. 3 ph. 60 cys; 1 rect.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir.; 600 hp. turb. Dayton.

City cont. 13 arcs 1200 c. p. $75 per yr; 150 incs. 32 c. p; moonlt.

D L W 3 16

**SOUTH GARDINER**, 1,000—Central Maine Pwr. Co. See Augusta.

**SOUTH PARIS**, 1,542—Norway & Paris St. Ry. Co. See Norway.

**SOUTH PORTLAND**, 7,471—Cumberland County Pwr. & Lt. Co. See Portland.

**SOUTH WINDHAM**, 1,954 — Mallison Pwr Co. Office, Westbrook.
Pres. W. K. Dana.............Westbrook
Clerk A. W. Ricker........... “
Treas. L Lane................. “
Mgr. E. J. Haskell............ “
*¶Supt. Ch. Engr. & Elecn.
B. H. Elkins.............So. Windham

3 a. c. G. E. tot. 792 kw. 10,000 v. 3 ph. 60 cys; 1 d. c. West. 200 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys; 1000 hp. turb. (wtr.) Holyoke.

City cont 6 Mazdas 40 w. $8.80 per yr.

C D N W 3 125

**STOCKHOLM**, 716—*Stockholm Lumber Co.

L 14†

**STRATTON**, 85—Stratton Elec. Lt. Co.
*Pres. E. J. Voter................Stratton
¶ Sec. & Mgr. W. A. Lee......... “

1 a. c. Warren 45 kw. 2200-104 v. s. ph. 60 cys; no day cir; 70 hp. e. Ames; (purchases stm. from Stratton Mfg. Co.)

City cont. 22 incs. 16 c. p. $150 per yr; moonlt.

L S 1 ✠ 125

**THOMASTON**, 2,688—Rockland, Thomaston & Camden St. Ry. See Rockland.

**TOPSHAM**, 2 097—Bath & Brunswick Lt. & Pwr. Co. See Brunswick.

**TOGUS**, 2900—Central Maine Pwr. Co. See Augusta.

**TREMONT**, 1.116—Bar Harbor & Union River Pwr. Co. See Bar Harbor.

**TURNER**, 1,842—Turner Lt & Pwr. Co.
*Pres. Geo. C. Webber...........Auburn
Treas. Leon A. Wardell.......... “
Clerk Alice E. Wardell........... “

1 a. c. T-H 2080-104 v. s. ph. 133 cys; 200 incs; 60 hp. turb. wtr. Camden. (Co. also lts. Turner Center; will erect trans. line to Buckfield.)

L W 1 115W

**VAN BUREN**, 3,065—Van Buren Lt. & Pwr. Co.; cap. $19,000.
Pres. L. V. Thibodeau........Van Buren
¶V. Pres. Mgr. & Cont. Agt.
J. A. Pelletier................. “
Sec. Emile Lebrun............. “
Treas. Jos. Martin............. “
*Supt. Eugene Lebrun........ “

Purchases energy from Maine & New Brunswick Elecl. Pwr. Co; 12 transf. G. E. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. 220 550 v. 3 ph. 60 cys.

City cont. 75 Mazdas 40 w. $18.40 per yr; moonlt. (Co. also lts. St. Leonards, N. B., and supplies energy to St. John Lumber Co. in Van Buren.)

D L 3 ✠ ★125

**VASSALBORO**, 2,062 Central Maine Pwr. Co. See Augusta.

**VIENNA**, 403—Geo. A. Weymouth. See Farmington Falls.

a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph 60 cys.

D L 1 16

**WALDOBORO**, 2,656 — Waldoboro Water & Elec. Lt. & Pwr. Co. (Owned by the Central Maine Pwr. Co. which see for executive officers.)
Local Mgr. F. E Sherman....Waldoboro

1 a. c. Stan. 65 kw. 110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt mo. cir; 128 hp. turb. (wtr.) Hol

City cont. 39 incs. 40 60 w. tot. $300 per yr; midnt.

L W 3 ★115†

**WARREN**, 2,069—Rockland, Thomaston & Camden St. Ry. See Rockland.

**WASHBURN,** 1,225 – Maine & New Brunswick Elecl. Pwr. Co. See Presque Isle.

**WATERVILLE,** 11,458 –Central Maine Pwr. Co. See Augusta.
Dist. Supt. R. J. Patterson....Waterville
Engr. Pwr. Sta. Fred. Fortier.. "
a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 440-220-110 v. 2 & 3 ph. 60 cys.; d. c. mo. cir. 500 v.
City cont. 89 arcs 2000 c. p. $56 per yr; 58 incs. 32 c. p. $12 per yr; 45-4 lt. posts 60 w. $39 per yr; all nt; coal $4.75. (City owns lamps and wires.)
C D L 2 3 ✠ 25

**WEBSTER,** 1,213—Bangor Ry. & Elec. Co. See Bangor.

**WELLS,** 2,007—York County Pwr. Co. See Biddeford.

**WESTBROOK,** 8,281—Westbrook Elec. Co.; cap. $200,000.
Pres. W. B. Nye..........Newton, Mass.
Treas. Herbert W. Mason..Ipswich. "
*¶Mgr. W. B. Bragdon........Westbrook
Energy purchased from Presumpscot Elec. Co.; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt mo. cir. 550 v. 3 ph. 60 cys.
City cont. 3 arcs G. E. series $85 per yr; 175 incs. 25 c. p. $8 per yr; 258 incs. 16 c. p. $16 per yr; all nt. (Co. also lts. Gorham.)
D L 3 ★16

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Presumpscot Electric Co.
Mgr. W. B. Bragdon..........Westbrook
13 a. c. G. E. West. tot. 5800 kw. 10,500 v. 3 ph. 60 cys; a. c. mo. cir. 440 v. 2 ph. 60 cys; 9,600 hp. wtr. wh. Hol. Smith.
Supplies Westbrook Elec. Co.; greater part of energy furnished to paper mills.
T W 2 3 §16

**WEST BUXTON,** 550 – Cumberland County Pwr. & Lt. Co. See Portland.
4 a. c. G. E. tot. 3000 kw. 2300 v 3 ph. 60 cys; 8040 hp. wtr. wh. Smith; trans. volt. 38,000.
N W 3 16

**WHITEFIELD,** 1,056—Central Maine Pwr. Co. See Augusta.

**WILTON,** 2,143—Wilton Lt. Co.: cap. $50,000: bds. $25,000.
Pres. F. J. Savage...............Fairfield
*Treas. & Mgr. C. O. Sturtevant "
Energy from Franklin Lt. & Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir 110 v. 3 ph. 60 cys.
City cont. 120 Mazdas 100 w. $20 per yr. all nt.
D L 3 125

**WINSLOW,** 2,709—Central Maine Pwr. Co. See Augusta.

**WINTHROP,** 2,088 — Winthrop & Wayne Lt. & Pwr. Co.; cap. $50,000; bds. $35,000
Pres. Geo. E Farnham ........Winthrop
Sec. R. Crawford McIlroy...... "
*Treas John H. McIlroy....... "
Engr. Pwr. Sta. T. J. Field........Wayne
1 a. c. Stan. 4150 v. 3 ph. 60 cys; nt. ltg cir. 110 v. 60 cys: mo. cir. 110 v. s. & 3 ph. 60 cys; 200 hp. turb.(wtr.) Hunt. Purchases energy from Central Maine Pwr.Co.
City cont. 92 incs. 100 w. $18 per yr: all nt. (Co. also lts. Winthrop Center. East Winthrop. Monmouth (16 incs. 60 c.p. $20 per yr.) & Wayne (12 incs.)
L W 1 3 ✠ 16†

**WISCASSET,** 1,287—Wiscasset Elec. Lt. & Pwr. Co.
Power transmitted from Portland Pwr. & Development Co., Damariscotta.
L 63†

**YARMOUTH,** 2,274—Yarmouth Lighting Co. Officers. Yarmouth. (Owned by New England securities Co.)
Pres. & Mgr.
N. Curtis Fletcher..... } 24 Milk St.
Treas. H. K. Blackler.... } Boston, Mass.
*Gen. Supt. Herbert H. Berry..Yarmouth
1 a.c. G.E. 150 kva. 4000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 108 v; a.c. mo. cir. 110-220-550 v. s. & 3 ph. 60 cys; 125 hp. e. Ames; 135 hp. b. Portland; 110 hp. wtr. wh. Smith.
City cont. 216 incs. 25 c.p. $12 per yr; coal. (Also lts. Yarmouthville. Will connect with Lisbon Falls plant.)
D L S 1 3 ✠ 25

**YARMOUTHVILLE,** 1,400—Yarmouth Ltg. Co. See Yarmouth.

**YORK HARBOR,** 2,802—York County Pwr. Co. For executive officers see Biddeford.
Local Agt. Fred. W. Marshall
York Harbor
Engr.Pwr.Sta. Wm.E.Barton "
2 a. c. Stan. tot. 440 kw. 2400-110 v. 2 ph. 66 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 770 hp. e. Harris, Cor: 500 hp. b. Portland; 2 transf. G. E. tot. 50 kw.
City cont. 305 Mazdas 40 w. $21.81 per yr; all nt; coal $5.
D L S 1 2 ✠ 16

## MARYLAND.

**ABERDEEN,** 616—*Munic. Elec. Lt. Plant. (Controlled by Town Commissioners).
L 22

**ANNAPOLIS,** 8,609 — Annapolis Public Utilities Co. Owned by the Washington, Baltimore & Annapolis Elec. R. R. Co.; cap $172.700; bds. $199,500.
Pres. Geo. T. Bishop...........Baltimore
*¶V. Pres. Mgr. & Cont. Agt.
J. J. Doyle.................... "
Sec. W. H. Wright............. "
Treas. Geo. A. Craig............ "
Supt. H. T. Connolly..........Annapolis
Energy purchased from Potomac Elec. Pwr. Co.; 3 freq. changers G. E. tot. 840 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 106 arcs G. E. magnetite 3.3 amp. $75 per yr; 56 Tung. 25 c. p. $24 per yr: dusk to dawn; coal. (Co. also lts. Eastport.)
D L 3 ✠ 125

**ARLINGTON,** 3,000—Mt. Washington Elec. Lt. & Pwr. Co. See Mt. Washington.

**BALTIMORE,** 558,485 — Consolidated Gas, Elec. Lt. & Pwr. Co. of Baltimore. Office, Lexington and Liberty Sts. (Consol. Wenstrom Elec. Co., United Elec. Lt. & Pwr. Co. & Consol. Gas. Co.) (Owns entire stock of the Northern Elec. Co. and Roland Park Elec. & Wtr. Co., Maryland Securities Co., (which in turn owns 96 p. c. of the com. stock of the Baltimore Elec. Co.) and Mount Washington Elec. Lt. & Pwr. Co.; leases Patapsco Elec. & Mfg. Co. of Md & Del., Baltimore Elec. Co. and Baltimore County Elec. Co.) (Co. has 2 pwr. plants located at Gould & Covington Sts. & Westport, Md. and 17 sub-stations; controls entire gas&elec. ltg. in Baltimore); cap. $15 576,088; bds. and notes $31,258,995 34.

Pres. Herbert A. Wagner......Baltimore
V. Pres. Chas. M. Cohn......... "
Sec. Wm. Schmidt, Jr.......... "
Treas. J. L. Bailey.............. "
Asst. Sec. & Asst. Treas.
Robt. F. Bonsall........... "
¶ Pur. Agt. Andrew Banks, Jr.. "
Elec. Engr. A. S. Loizeaux...... "
Mgr. Elec. Com. Dept.
Douglass Burnett.............. "
*Gen. Supt. E. D. Edmonston "

9 a.c. West, G. E. tot. 28,000 kw. 13,200-6600 v. 3 ph. 25 & 60 cys; 16 arc. Brush tot. 1805 lt; 52 rect. tot. 3610 lt.; d. c. day & nt. ltg. & mo. cir. 115 v; a. c. day & nt. ltg. cir. 120-240 v. 60 & 25 cys; a. c. mo. cir. 120-240 v. s. & 3 ph. 60 & 25 cys; 13,000 kw. e. McI. & S; 15,000 kw. turb. (stm.) West, G. E; 18,800 hp. b. Bab. & W. Stir, Edge; stor. bat. 1000 amp. hrs. E. S. B; trans. 13,000-6600 v. 3 ph. 60 & 25 cys; also buy pwr. from Penna. Wtr. & Pwr. Co; 5 transf. West. tot 50,000 kw; 14 rot. conv. West. tot. 10,900 kw; 3 mo.-gen. West. tot. 3000 kw; 8 freq changers West. G. E. tot. 13,400 kw.

City cont 3405 arcs 320 & 500 w. $60 & $74 per yr; 2686 tung. 40 w. $20 & $36 per yr; all nt; midnt; coal $3; oil. (Co. also lts. Ellicott City, Towson and other towns in Baltimore, Anne Arundel and Howard Counties and sells energy to Baltimore & Ohio R. R.)

C D L S 1 3 ✣ 65

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The Baltimore County Elec. Co. Office, 100 W. Lexington St. (On June 1, 1912, leased to the Consolidated Gas, Elec. Lt. & Pwr. Co., of Baltimore); cap. $150,000; bds. $221,000
Pres. Albert H. Wehr
100 W. Fayette St...........Baltimore
V. Pres. Thos. W. Offutt..........Towson
Sec. Wm. Schmidt, Jr.
100 W. Lexington St., Baltimore
Treas. John L. Bailey " " "

L ✣ 74

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Pennsylvania Water & Pwr. Co. See Holtwood, Pa.

Sub. sta.; West. transf. cap. 72,500 kw.

T 25

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General Utilities & Operating Co. Office, Munsey Bldg. (Controls Rockford Elec. Co., Maryville, Tenn., Logan County Lt. & Pwr. Co., Logan, W. Va., Lykens Valley Lt. & Pwr. Co., Williamstown, Pa. and St. Petersburg Fla.) Elec. Lt. & Pwr. Co.); cap. outstg. $250,000; no bds.
Pres J. C. M. Lucas..........Baltimore
*2d V. Pres. & Ch. Engr F. R. Weller
Hibbs Bldg., Washington, D.C.
Sec. & Treas. H. P. Lucas.....Baltimore

★125

**BEL-AIR**, 1,005—Bel-Air Elec. Co.; cap. $43,000; bds. $25,000.
Pres. Wm. H. Harlan..............Bel-Air
*Sec. Treas & Mgr.
H. S. O'Neill..................... "
Ch. Engr. Jno. F. Airhart......... "
Ch. Elecn. A. Zeisel.............. "

4 a. c. Westg. tot. 210 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v.; a. c. mo. cir. 110 v. s. ph. 60 cys; 315 hp. turb. (wtr.) Smith.

City cont. 81 series tung 40 c p. $18 per yr; all nt. (Co. also lts. Benson, Fallston, and Fork.)

D L W 1 3 ✣ 125

**BERLIN**, 1,317—Munic. Elec. Lt. Plant; bds. $25,000.
¶ Sec., Treas. & Mgr. J. A. Boston. Berlin
Ch. Engr. Hampton Vickla........ "

1 a. c. F. M. & Co. 50 kw. 2300 v 2 ph. 60 cys: a. c. nt. ltg. cir. 110 v. 60 cys; no mo. cir.

City cont. 165 incs. Tung. 40 w. $9 per yr: all nt; coal $2.85.

L S 2 §105

**BOONSBORO**, 759—Antietam Elec. Lt. & Pwr. Co. Office, Fair Play; pwr. plant on Antietam Creek, 4 miles from Boonsboro; cap. $18,000. bds. $9,000.
Pres. Supt. & Ch. Engr.
H. L. Moser.................Hagerstown
*¶ Sec. Treas. & Mgr. O. O. Moser..Fair Play

2 a. c. Ft. W. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo cir. 110 v.; 100 hp. e. Allis C; 100 hp. b. Randall; 224 hp. turb. (wtr.) Smith.

City cont. 140 incs. series 60 c.p. $23 per yr; all nt.; coal $2.85. (Co. also lts. Sharpsburg, St. James, Breathedsville, Kingsville and adjacent towns.)

D L S W 3 ✣ 25

**BRUNSWICK**, 2,471—Harper's Ferry Elec. Lt. & Pwr. Co. See Harper's Ferry, W. Va.

**CAMBRIDGE**, 6,407—Cambridge Gas Elec. Lt. & Pwr. Co. (All stock and bonds owned by Eastern Shore Gas & Elec. Co.); cap. outstg. $100,000; bds. $100,000.
Pres. Howard F. Hansell, Jr.
132 So. 15th St., Philadelphia, Pa.
V. Pres. Chas. Day
611 Chestnut St. " "
Sec. Jno. E. Zimmerman
611 Chestnut St., " "
Treas. B. W. Frazier
132 So. 15th St. " "
Gen. Mgrs. Day & Zimmerman " "
Cont. Agt. S. E. Matthews....Cambridge
Gen. Supt. J. H. Shearer.......Salisbury
Engr. Pwr. Sta. G Carpenter..Cambridge

3 a. c. G. E. tot. 250 kw. 2000 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys. 329 hp. e. Ball, Erie; 300 hp. b. Ames.

City cont. 14 arcs G. E. 500 w. $75 per yr; 160 Mazdas "C" 60 c. p. $20.40 per yr; all nt; coal $3.50.

D L S 2 ✣ ★26

**CATONSVILLE**, 2,115—Patapsco Elec. & Mfg. Co. See Ellicott City.

**CENTERVILLE**, 1,435 — Centerville Elec. Lt. Plant (Munic.); bds. $25,000.
Pres. Bd. A. Green..............Centerville
Sec. C. Q. Snyder.............. "
Treas. T R. L. Price.......... "
*¶ Mgr. & Cont. Agt L. D. Shank "
Engr. Pwr. Sta. F. C. Pyle.... "

2 a. c. West. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; pwr. cir. 110-220 v. s & 3 ph. 60 cys; 175 hp. e. H. M. & B; 245 hp. b. Erie.

100 city incs. 60 w. $2 per mo; all nt; coal $3.35. (Will install 175 hp. b.)

D L S 1 3 125

**CHESAPEAKE CITY**, 1,016 — The Home Mfg. Lt. & Power Co. See Elkton.

**CHESTERTOWN**, 2,735—Chestertown Elec. Lt. & Pwr. Co.; cap. auth. $25,000; bds. $15,000.
Pres. W P. Rowland,
13th & Chestnut Sts., Phila., Pa.
V. Pres. W. A. Hoffman,
Red Hill, Surry, Eng.
¶ Sec. & Treas. A. H. Tracy,
5502 Cornell Ave., Chicago, Ill.
*Mgr. F. H. Russell.........Chestertown

1 a. c. Ft. W. 50 kw. 2300 v. 2. ph. 60 cys; a. c. nt. ltg cir. 105 v; 90 hp. e. West; 180 hp. b. Keeler.

City cont. 99 st. lts. 32 c. p. $14 per yr; 1000 com. incs. 16 c. p. 15 cts. per kw; moonlt. all nt; coal.

L S 2 ✣ 125

**CRISFIELD**, 3,468—Crisfield Ice Mfg. Co; cap. $50,000.
Pres. Dr. G. T. Atkinson........Crisfield
V. Pres. W. L. Gibson........... "
*Sec., Treas. & Mgr.
Howard L. Sterling............ "

Supt. Milton Stevenson..........Crisfield

2 a. c. G. E. tot. 305 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg cir. 110 v: a.c. day & nt. mo. cir. 3 ph. 60 cys; 350 hp. e. Ames, Nagel; 450 hp. b.

City cont. 100 incs. 40 w. 32 c. p $14 per yr; moonlt; coal.

D I L S 3 ✣ 125

**CUMBERLAND,** 25,000—Edison Elec. Illg. Co.; cap. $275,000; bds. $500,000, 5 p. c. int.

Pres. G. L. Wellington......Cumberland
V. Pres. J. A. McHenry...... "
Sec. & Treas. C. G. Holzshu. "
*¶Gen.Mgr. W.M.Roberts, Jr "
Elec. Engr. Geo A. Eyler.... "
Cont. Agt & Ch.Engr. E.J.Dawson "

3 a. c. turbo-gen. G. E. tot. 5000 kw. 2200 v 3 ph 60 cys: trans. volt. 11,000 33,000 v; 2 mo. gen. tot. 750 amp. 110-220 v. d. c; a. c. day & nt. ltg. cir. 110 v a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; d c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v, 3000 hp. b. Heine; also stm. htg.

Coal $1.45. (Also serves Frostburg and Lonaconing and supplies energy to Cumberland Elec. Ry. Co.)

C D H N S 1 3 ✣ ★125

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*Munic. Elec. Lt. Plant; cost $45,000; bds $20 000.

Wtr. & Lt. Comr.
Jos. S. Scriver..............Cumberland
¶Supt. L. T. Lawler......... "
Engr. Pwr. Sta.
P Getzendanner, Jr....... "
Asst. Engr. Jas. T. Webster. "

6 d. c. arc Ft. W. tot. 250 kw; 500 hp. e. Allfree, Rus; 950 hp. b Erie City.

350 city arcs Wood, A. B., G. E. magnetite 6.6 amp. $28 50 per yr; 50 Mazdas 80 to 250 c. p. $12 per yr; all nt; nat. gas 8 cts.

C L S ✣ 74

**DELMAR**—Eastern Shore Gas & Elec. Co. See Salisbury.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 26

**DENTON,** 1,481—Peninsular Lt. & Pwr. Co.; cap. $75,000; no bds.

*Pres. & Mgr. T. Pliny Fisher....Denton
V. Pres. Thos. A. Smith.........Ridgely
Sec. & Treas. Anna S. Fisher....Denton
Supt. W. F. Wolf ................ "
Ch. Elecn. W. M. Towers......... "

3 a. c. G. E. Allis C. tot. 227½kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir 2300-220-110 v. 3 ph. 60 cys; 125 hp. e. gas S. W; 160 hp. turb. wtr. Smith.

City cont. 25 tung 40-100 w. 12 cts per kw hr; moonlt; coal (Co. also lts. Greensboro, Ridgely, Hillsboro and Queen Anne.)

G L W 3 ✣ 16

**EAST NEW MARKET,** 280—Idlewild Elec. Lt., Ht. & Pwr. Co. See Federalsburg.

a. c. nt. ltg. cir. 110 v. 60 cys.

L 26

**EASTON,** 3,083--Easton Utilities Comm. (Munic ); bds. $30,000.

Pres. Bd. H. H. Lansdale.........Easton
Sec. Jno S. McDaniel......... .... "
*Treas ,Mgr.& Engr. Edgar B Ward "
Audr. Elmer L. Hatter....Baltimore, Md.
Engr Pwr. Sta W. H. Reed......Easton

2 a. c. G. E. tot. 250 kva. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys: 350 hp e. Flemg; 300 hp. b. Gem

City cont. 100 incs. "C" 80 c. p. $18 per yr; 20 incs. "C" 250 c. p. $30 per yr; mdnt; coal $3.85.

D L S 1 3 ★125

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Easton Fuel & Lt. Co.

Pres. W. K. Norris.................Easton
Sec. & Treas. Sam Kirkpatrick.. Easton
*Mgr. & Ch. Elecn. R. B. Rhodes. "
Ch. Engr. Henry Burrows......... "

2 a. c. Warn. 120 kw. 1100-110 v: no day cir; 80 hp. e. Ball; 180 hp. b. West

L S X §105

**EASTPORT,** 1,000—Annapolis Public Utilities Co. See Annapolis.

**ELKTON,** 2,487--Elkton Elec. Lt. & Pwr. Co.; cap. $25,000.

Pres. W. T. Warburton...........Elkton
Sec. & Treas. Chas. E. Warburton "

Buys power from Gilpen Falls Elec. Co.

L 23

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Gilpen Falls Elec. Co.

*Pres. W. T. Warburton...........Elkton
¶ Sec. Treas. & Mgr.
C. E. Warburton................ "
Supt. Ch. Engr. & Elecn.
Howard Smith.................. "

1 a. c. Warren 200 kw. 6600-2200 110 v. 3 ph. 60 cys; a. c. day cir. 2200 v; pwr. cir. 2200 220 v; 300 hp. turb. wtr. Leffel.

City cont. 12 tung 2000 c. p. $75 per yr; 130 incs. 25 c. p. $15 per yr; all nt. (Co. also lts. Bayview, Childs, Leeds, Leslie, Northeast and Pleasanthill: furnishes current to Elkton Elec. Lt. & Pwr. Co.)

D L W 3 ✣ 23

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The Home Mfg. Lt. & Pwr. Co. Office, Elkton; cap. $8,60 ; bds. $37,800.

Pres. W. S. Evans.................Elkton
*V. Pres. & Gen. Mgr. J. B Jackson "
Sec W. Sterling Evans............ "
Treas. Reuben A. Deibert......... "

Energy purchased from the Wilmington & Philadelphia Trac. Co. at Maryland State Line: trans. volt. 6600 v; distr. volt. 2200 v; service volt. 220-110 v. 3 ph 60 cys. (Supplies energy also for motor purposes to a number of industries in Elkton and Chesapeake City.)

L 3 35

**ELLERSLIE,** 260—Cooks Mills Elec. Lt. & Pwr. Co.; cap. $15,000.

¶ Pres. Mgr. Cont. Agt, & Supt.
Daniel Deal.......... ....Cumberland
*Sec. R. Robinson........... "
Treas. I. Stallings.......Cooks Mills, Pa.

1 a. c. G. E. 75 kw 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir 110 v. 60 cys: 90 hp. wtr. wh. Smith. (Co. also lts.Cooks Mills,Pa )

L W 3 63

**ELLICOTT CITY,** 1,151 — Patapsco Elec. and Mfg. Cos. of Md & Del. Office, 100 W Lexington St., Baltimore; pwr. plants located in Ellicott City and Ilchester. (Operated under lease by Consolidated Gas, Elec Lt. & Pwr. Co of Baltimore); cap. auth. $200,000 (Md. Co.); $200.000 (Del. Co.); no bds.

Pres. Herbert A. Wagner ......Baltimore
V. Pres. Chas. M. Cohn........ "
Sec. Wm. Schmidt, Jr.......... "
Treas. John L. Bailey......... "

5 a.c Allis C. Stan. Ft. W. tot. 1239 kw. 11,000 & 23,000 v. 2 & 3 ph. 60 cys: a. c. ltg. & mo. cir.; 250 hp.e. B. & W: 250 hp. (gas) e. B. & Mac: 250 hp. (gas) pro. B. & Mac; 1280 hp. turb. (wtr.) Smith, Lef; 200 hp. b. Heine

G L S W 2 3 ✣ 74

**EMMITSBURG.** 1,051— Emmitsburg Elec. Co.; cap. $7,500: no bds.

¶Pres.& Mgr. Edwin F Ohler Emmitsburg
V Pres. Albert M. Patterson "
*Sec. B. M. Kershner........ "
Treas. J. Ward Kerrigan.... "
Supt. Chas Hoke............ "

Purchases power from The Hagerstown & Frederick Ry. Co.: trans. volt. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 120-240 v. 3 ph. 60 cys.

City cont. 38 series Mazdas 40 c. p. $12 per yr; moonlt. & hrs.
D L 3 ★16

**FEDERALSBURG,** 1,050 — Idlewild Elec. Lt., Ht. & Pwr. Co. (All stock and bonds owned by Eastern Shore Gas & Elec. Co.); cap. outstg. $17,000; bds. $11,000.
Pres. Howard F. Hansell, Jr.
132 So. 15th St., Phila, Pa.
V. Pres. Chas. Day
611 Chestnut St. " "
Sec. Jno. E. Zimmerman
611 Chestnut St. " "
Treas. B. W. Frazier
132 So. 15th St. " "
Cont. Agt. O. G. Martino...Federalsburg
Gen. Supt J. H. Shearer.......Salisbury
Engr.Pwr. Sta Jno. Adams Federalsburg

2 a. c. Warn. tot. 155 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt mo. cir. 110-220 v. s. ph. 60 cys: 195 hp e. Nagel; 230 hp. b. Nagel; 213 hp. turb. (wtr.) N & Burn. R sdn. Layfield.

City cont. 170 Mazdas & carbon 25 c. p. $12 per yr. all nt; coal $4.80, wood $2.50. (Co. also does ltg. in Hurlock, E. New Market, Preston, Williamsburg and Secretary.)
L S W 1 ✠ ★26

**FREDERICK,** 15,000—Munic. Elec. Lt. Plant; cost $25,000.
*¶ Mayor, Lewis H. Fraley.....Frederick
Clerk, Jacob Schmidt......... "

1 d. c. Ft. W. 175 amp. 125 v; 4 arc G. E. Brush. T. & H. tot. 275 lt; 200 hp. e. Frick; 180 hp. b. Frick.
C L S 65

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The Hagerstown & Frederick Ry. Co. See Hagerstown.
Div. Supt. J. H. Enright........Frederick

Energy from Frostburg; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c mo. cir. 220 v. 3. ph. 60 cys.

City cont. 20 tung. 60 w. $20 per yr; 22 Mazdas 100 w. $25 per yr.
D R 3 16

**FROSTBURG,** 6,028—The Hagerstown & Frederick Ry. Co. For executive officers, see Hagerstown.
Div. Supt. Chas. H. Leatham..Frostburg

2 a. c. Ft. W. tot. 400 kw. 2200 v. 2 ph. 60 cys; 2 arc Ft. W. tot. 175 lt; a. c. nt. ltg. cir. 110 v. 60 cys: 550 hp. e. Erie, Ames; 500 hp. b. Erie.

City cont. 48 arcs Ft W. series 6.5 amp. $68 per yr; 118 Mazdas 60 w. $16.80 per yr; all nt; coal $2. (Trans. to Frederick.)
R S 2 ✠ 16

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Edison Elec. Illg. Co. See Cumberland.

**HAGERSTOWN,** 25.000—The Hagerstown & Frederick Ry. Co. Office Frederick. (Gen. Stas. at Security & Frostburg. Owns and controls the Frostburg Illg. Co.); cap. $200,000; bds. $181,500.
Pres. Emory L. Coblentz.......Frederick
V. Pres. Henry Holzapfel., Jr..
Hagerstown
Sec. M. P. Moller............ "
Treas. T. H. Haller...............Frederick
*Gen. Mgr. M. A. Pooler ....... "
Gen. Audr. S. H. Bennett....... "
Supt. L. & P., J. J. Doyle......Hagerstown
Engr. Pwr. Sta. W. A. Butler . Frederick

2 a. c. turbo. gen. West. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 1 d. c. (rotary) 300 kw. 550 v; a. c. day & nt ltg cir 110 v; a. c. day & nt. mo. cir. 220 v; d. c mo. cir. 550 v; 2250 hp. b. Bab. & W; trans. 33,000 v.

Coal $3.10. (Company distributes in Hagerstown, Williamsport, Emmetsburg, Middletown, Frederick, Lewistown, Funkstown, Jefferson, Walkersville, Frostburg, Myersville, Smithburg and Thurmont.)
C D R S 3 ★16

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Munic. Elec. Lt. Plant; bds. $48,000.
*¶ Mgr. & Supt. J. O. Beard..Hagerstown

2 a. c. turbo-gen. West. tot. 2000 kw. 2200-110 v. 2 ph. 60 cys; a. c. day cir; 500 hp. e. Bckye; 1000 hp. b. Heine, Erie City.

All nt; coal $3.
D L S 2 125

**HAVRE DE GRACE,** 4,212—Havre de Grace Elec. Co; cap. auth. $50,000; no bds.
¶ Pres. & Mgr. J. Hayward Harlow
Havre de Grace
Sec. Geo. H. Harlow..........Oberlin, O.
Treas. Jas. H. Harlow.........Darlington
*Gen. Supt. H. L. Grafton..Havre de Grace

3 a. c. West. tot 285 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 430 hp. e. West, H. M. & B, Tay. & C; 400 hp. b. Coatsville, Ames.

City cont. 6 Mazdas 750 w. $70 per yr; 109 incs. 5.5 amp 60 & 40 c. p. $22 50 & $17.50 per yr; all nt; coal $3.15.
D L S 2 ✠ 125

Hurlock,--Idlewild Elec. Lt. Ht. & Pwr. Co. See Federalsburg.
a. c. nt. ltg. cir. 110 v. 60 cys.
L 26

**HYATTSVILLE,** 1,917—Potomac Elec. Pwr. Co. See Washington, D. C.

***ILCHESTER,** 3[illegible]0—Patapsco Elec. & Mfg. Cos. of Md. and Del. See Ellicott City.

**LAUREL,** 2,415—Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $15,000.
Mayor, G. W. Waters, Jr..........Laurel
*Chmn. Lt. & Wtr Committee,
A. Gosnell...................... "
Treas. James G. Boss, Jr........... "
¶ Mgr. & Ch. Engr. E. J. Rowe.... "

2 a. c. Allis C. tot. 100 kva. 1100 v. 3 ph. 60 cys; a. c. nt ltg cir. 110-115 v: a.c. nt. mo. cir. 110-220 v. s ph. 60 cys: 150 hp. e. Flemg; 300 hp b. Erie, U. I. W.

147 city Mazdas 60 w: all nt; coal $3.35. (Also lts. Maryland State Fair and Laurel Sanitarium.)
L S 1 3 74

**LONACONING,** 1,553 Home Electric Lt. Co.; cap. auth. $25,000; bds. $20,000.
Pres. A. M. Evans............Lonaconing
V. Pres. D. R. Sloan.......... "
Sec. Percy Sloan.............. "
Treas. Alex Sloan.......... "
*Mgr. J. Somerville........... "

Energy purchased from Edison Illg. Co.; 3 transf. Pitts.; a. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 125 v. s. ph. 60 cys.

City cont. 110 incs. 100 w. $12.50 per yr; 5 incs. 300 w; all nt.
D L 1 ✠ 125

**MIDLAND,** 1,173—Midland Elec. Lt. Co.; cap. $5,000; no bds.
Pres. Wm. B. Phillips ..........Midland
¶ V. Pres. & Mgr. A. A. Davis.. "
*Sec. & Treas. Lewis J. Ort...... "

Buys energy from Consolidation Coal Co.

City cont. 7 A. B. arcs $30 per yr; 15 inc. 32 c. p. $13 20 per yr; all nt.
L 74

**MOUNTAIN LAKE PARK,** 525—Mountain Lake Park Assn; cap. outstg. $27,100; bds. $27,000.
Pres. C. W. Baldwin.............Baltimore
Sec. & Mgr. W. D. Reed........Oakland
Treas. D. E. Offutt................ "

*Supt. & Engr. Pwr. Sta.
Jno. D. Hayden...Mountain Lake Park

1 a. c. Warren 120 kw. 2200-110 v. s. ph. 133 cys; a. c. nt. ltg. & mo. cir. 110 v; 150 hp. e. Erie City; 200 hp. b. Erie City.

City cont. 150 Mazdas 60 w. $8 per yr; all nt; coal $2. (Also lts Loch Lynn Heights.)

L S 1 ✠ 125

**MT. WASHINGTON,** 1,500 — Mt. Washington Elec. Lt. & Pwr. Co. Office, 100 W. Lexingotn St., Baltimore. (Controlled by Consol. Gas Elec. Lt. & Pwr. Co. of Baltimore); cap. outstg. $83,260; bds. $15,000.

Pres. Thos. W. Offutt............Towson
V. Pres. Herbert A. Wagner,
100 W. Lexington St., Baltimore
Sec. Wm. Schmidt, Jr............Towson
Treas. John L. Bailey........... "

2 a. c. G. E., West. tot. 550 kw. 2300 v. 3 ph. 60 cys; a. c. pwr. cir. 115 v: 750 hp. e. Erie, McI. & S; 650 hp. b. Bab. & W, Heine.

Energy supplied through lines of Consolidated Gas Elec. Lt. & Pwr. Co. of Baltimore.

City cont. all nt. (Co. also lts. Towson, Govanstown, Ruxton, Melvale, Lutherville, Pikesville, Roland Park, Arlington, Cockeysville and Texas.)

L S 3 ✠ 74

**NEW WINDSOR,** 446—New Windsor Elec. Lt. & Water Co.; cap. auth. $8,000; pd. in $11,400; no bds.

Pres., Sec. & Treas. Nathan H. Baile
New Windsor
V. Pres Louis H. Dielman. "
*Supt. John S. Baile........ "
Engr. Pwr. Sta.
Arthur Lambert........ "
Ch. Elecn. Chester Baukerd. New Windsor

1 d. c. Bull 50 kw. 240 v; d. c. pwr. cir. 220 v; 45 hp. gas e. B. M. A.: 45 hp. gas pro Smith; 80 kw. hr. stor. bat. E. S. B. 220 v. 15 amp.

City cont. 40 tung. 45 w. $10 per yr; moonlt: coal $200 per yr.

C G L 75

**OAKLAND,** 1,366—The Oakland Elec. Co., Inc ; cap. outstg. $5,000; cost $5,000.

Pres. Daniel E. Offutt...........Oakland
V. Pres. William R. Offutt........ "
¶ Sec. D. E. Offutt, Jr ...... "
*Treas. & Mgr. Harland L. Jones. "
Supt. & Engr. Abram L. Lawton.. "

1 a. c. G. E. 120 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. (gas) Bessemer.

City cont. 10 arcs A. B. $75 per yr; 55 incs. 60 w. $12 per yr; all nt; nat. gas 25 cts.

L S 1 ✠ 125

**OCEAN CITY,** 476—Delmarvia Utility Co. (Generating sta. at Ocean City.

Pres. Fred Blatz.......Wilmington, Del.
Sec. (Mrs ) Henry Moore. Ocean City
*Mgr. Henry Moore............. "
Engr. Pwr. Sta. Jacob Hanson "

2 a. c. West. T. H. tot. 135 kw. 1100 v. s. ph. 60 cys; 2 d. c. Diehl tot. 87½ kw. 110-115 v; 1 rect. Dolier 5 hp; a. c. & d. c. day & nt. (mdnt. winter) ltg. cir. 120 v; a. c. day & nt. (mdnt. winter) mo. cir. 120 v. s. ph. 60 cys; d. c. day & nt. (mdnt. winter) mo. cir. 120 v; 235 hp. e Ames, Bull; 205 hp. b.

City cont. 200 tung. 40-125 c. p; meter: all nt (summer) & mdnt. (winter); coal $4.

C D L S 1 ✠ §105

**PERRYVILLE,** 635—Perryville Elec. Lt. Co.

*¶Pres. & Mgr. J. Hayward Harlow
Havre de Grace
Sec. J. G. Selfe........... "
Treas. James H. Harlow.. "
Supt. F. C. Pyle........... "

1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 80 hp. e. Ames: 125 hp. b. Ames.

City cont. — tung. 40 w; all nt; coal $3.25. (Co. also lts. Principio.)

D L S 3 ✠ ★125

**POCOMOKE CITY,** 2,369—The Elec. & Ice Mfg. Co.

Pres. —— —— ...........Pocomoke City
Sec. & Treas. W. H. Schoolfield "
¶ Mgr. & Cont. Agt.
R. P. Stevenson........ "
*Engr. Pwr. Sta.
C. S. DeWitt............ "

2 d. c. West. tot. 140 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220-110 v; 200 hp. e. Allis C, Cooper, Cor; 300 hp. b. Novelty; also 10-ton ice plant (Carbondale).

City cont. 5 arcs 2000 c. p.; 140 incs. 50 w.; tot. $1600 per yr; all nt; coal $4.

C D I L S ✠ ★105†

**PORT DEPOSIT,** 1,394—Port Deposit Elec. Co.; cap. $8,125.

Pres. W. W. Hopkins.......Port Deposit
Sec. P. E. Tome...............Baltimore
*Treas. & Actg. Mgr. L. A. Kirk,
Port Deposit
Engr. Pwr. Sta.. Jno. A. Hohn "

2 a. c. Warren tot. 170 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 50 incs. 40 w. $17.50 per yr; all nt; coal $3.50.

D L S 2 ✠ 25

**PRINCESS ANNE,** 1,006—Princess Anne Elec. Plant; cost $10,000.

*Owner, E. C. Cannon.....Princess Anne

1 a. c. F. M. & Co. 40 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 50 hp. gas e. F. M. & Co.; 75 hp. gas pro. F. M. & Co.

City cont. 88 incs. Tung. 60-80 c. p. all nt. $17.05 per yr; coal $5.07.

G L 3 ✠ §105

**PRESTON,** 192—Idlewild Elec. Lt., Ht. & Pwr. Co. See Federalsburg.

a. c. nt. ltg. cir. 110 v.

L 26

**RELAY,** 1,000—Consolidated Gas, Elec. Lt. & Pwr. Co. of Baltimore. See Baltimore.

**ROCKVILLE,** 1,181 — Potomac Elec. Pwr. Co. See Washington, D. C.

**SALISBURY**, 6,690—Eastern Shore Gas & Elec. Co. Office, 107 Main St., Salisbury. Gen. Stas. at Georgetown and Laurel, Del. (Operates and owns all stocks and bonds of the Cambridge Gas, Elec. Lt. & Pwr. Co., the Idlewild Elec. Lt., Ht. & Pwr. Co. and the Salisbury Lt., Ht. & Pwr. Co.) (In Dec., 1915, the Georgetown Lt., Ht. & Pwr. Co. was merged); cap. outstg. $415,000; bds. $300,000.

Pres. M. V. Brewington ........Salisbury
V. Pres. Howard F. Hansell, Jr.,
132 So. 15th St., Phila., Pa.
Sec. Jno. E. Zimmerman,
611 Chestnut St., Phila., Pa.
Treas B. W. Frazier
132 So. 15th St., Phila., Pa
Gen. Mgrs. Day & Zimmerman,
611 Chestnut St., Phila , Pa.
Cont. Agt. J. W. Downington...Salisbury
*Gen. Supt. J. H. Shearer...... "
Engr. Pwr. Sta. H. L. Richardson,
Laurel, Del.

Lts. Laurel, Georgetown, Milton, Seaford, Bridgeville, Blades, Bethel and Delmar, Del., and Delmar and Sharptown, Md.

L —— §26

Salisbury Lt., Ht. & Pwr. Co. (All stock and bonds owned by Eastern Shore Gas & Elec. Co.); cap. $100,000; bds. $50,000.

Pres. M. V. Brewington ........Salisbury
V. Pres Howard F. Hansell, Jr.,
132 So. 15th St., Phila., Pa.
Sec. John E. Zimmerman,
611 Chestnut St., Phila., Pa.
Treas. B. W. Frazier,
132 So. 15th St., Phila., Pa.
Gen. Mgrs. Day & Zimmerman,
611 Chestnut St., Phila., Pa.
Cont. Agt. M. F. Coleman......Salisbury
Gen. Supt. J. H. Shearer........ "
Engr. Pwr. Sta. Frank H. Hynson "

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 110-220 v. 3 ph. 60 cys; 500 hp. e. Rus, Allis-C; 200 hp. wtr. wh. Alcot, Risdn; 710 hp. b. Erie City, Keeler.

City cont. 568 Madzas 100, 60 & 25 c. p. $12 & $9 per yr; all nt; coal $4.

D L S W 3 ✣ ★26

**SECRETARY,** 400—Idlewild Elec. Lt., Ht. & Pwr. Co. See Federalsburg.

a. c. nt. ltg. cir. 110 v. 60 cys.

L 26

**SHARPTOWN,** 722—Eastern Shore Gas & Elec. Co. See Salisbury.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 26

**SNOW HILL,** 1,844—The Snow Hill Elec. Lt. & Pwr. Co; cap. $12,000.

Pres. M. T. Hargis..............Snow Hill
V. Pres. Wm. F. Johnson...... "
*Sec. & Treas. T. M. Purnell... "
Supt. & Engr. Pwr. Sta.
Elmer Vickers................. "

2 d. c G. E, West. tot. 120 kw. 110 v; d. c. nt. ltg. cir. 110 v; 215 hp. e. Ball; 125 hp. b. Erie.

City cont. 63 incs. 40 w. $13 per yr. all nt: coal $4.17.

C L S ✣ ★105†

**TOWSON,** 1,000—Mount Washington Elec. Lt. & Pwr. Co. See Mt. Washington.

**UNION BRIDGE,** 804—Union Bridge Elec. Mfg. Co.

Pres. Clarence E Easterday..Hagerstown
V. Pres. E. M. Warrenfeltz...Funkstown
Sec. Leon R. Yourtee.........Hagerstown
*¶Treas. Mgr. & Ch. Engr
Orville E. Schiffier ..... Union Bridge

1 a. c. G. E. 75kw. 2300 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 75 hp. gas e. Nat'l; 100 hp. gas pro. Smith. (Also ice plant.)

City cont. 30 incs. 1000 c. p. $27 per yr; all nt. (Also lts. Linwood and Uniontown.)

D G I L 3 ✣ ★125

**WESTMINSTER,** 3,295—Consolidated Public Utilities Co. (Consol. of Citizens' Wtr. & Pwr. Co., Westminster Wtr. Co. and Carroll County Elec. Lt. & Pwr. Co.); cap. $137,540; bds. $135,000.

Pres. Dr. J. H. Billingslea...Westminster
V. Pres. Geo. M. Parke..... "
*¶ Sec. & Treas. E. Lee Erb "
Supt. & Engr. Pwr. Sta.
B. H. Sechrist.......... "

2 d. c. arc T-H 100 lt; 2 a.c. G. E. Warren tot. 150 kw. 1100-110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 120 v. s. ph. 133 cys; 400 hp. e. Cleveland; 400 hp. b. Cleveland.

City cont. 46 series open arcs 350 w. $60 per yr; 27 series incs. 32 c. p. $18 per yr; moonlt; coal.

L S 1 ✣ 73

**WILLIAMSBURG,** 1,571—Idlewild Elec. Lt., Ht. & Pwr. Co. See Federalsburg.

a. c. nt. ltg. cir. 110 v. 60 cys.

L 26

**WILLIAMSPORT,** 1,571—Munic. Elec. Lt. Plant; bds. $1,000.

*Mgr. C. D. Bell............Williamsport
Ch. Elecn. Adam Hawbaker. "

Energy purchased from The Hagerstown & Frederick Ry. Co.; 25 transf. Pittsburg 35 kw; a. c. nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 108 v. s. ph. 60 cys.

L 1 125

## MASSACHUSETTS.

**ABINGTON,** 5,455—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See No. Abington.

City cont. 257 nitro. lamps 60 c. p. $15.67 per yr; 7 nitro. lamps 100 c. p. $22.04 per yr; 16 nitro. lamps 250 c. p. $51.30 per yr; five yr. contract: moonlt 1 A. M. & 5:30 to daylt. in winter.

L 16

**ACTON,** 2,136—American Woolen Co. See Maynard.

**ACUSHNET,** 1,691—New Bedford Gas & Edison Lt. Co. See New Bedford.

**ADAMS,** 13,026—Adams Gas. Lt. Co. (Massachusetts Ltg. Cos. owns majority of capital stock.)

Pres. Alfred Clarke 77 Franklin St., Boston
Sec. & Treas. Geo. F. Howland "
Mgr. Benj. K. Cook.........North Adams
Supt. Ch. Engr. & Elecn.
Horace Kirby............. "

Power from No. Adams Gas. Lt Co: a. c. day & nt. ltg. cir. 110-220 v. 60 cys: a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.

City cont. 91 arcs lumn. 4 amp. $78 per yr: 116 tung. 60 w. $18 per yr; all nt. (Also serves Cheshire.)

D L 3 75

**AGAWAM,** 3,501—Agawam Elec. Co. (Offices, Maple St. and Springfield, (P. O. Box 1081); cap. outstg. $125 000.

Pres. Philip Cabot.....111 Devonshire St., Boston
Clerk, Fred W. Flint " "
Treas. Lester E. Flint " "
Mgr. Geo. W. Lawrence.......Greenfield
*¶Cont Agt. & Gen. Supt.
R. W Mitchell P. O. Box 1081, Springfield
Supt. Ovhd. Distrb.
Haller D. Seavey............Greenfield
Ch. Engr. F. L. Hunt......... "

Energy purchased from Turners Falls Pwr. & Elec Co.; trans. 66,000 v; transf. cap. 3000 kw; a. c. day & nt. ltg cir. 110 v.; a. c. day & nt. mo. cir. 550-220 v. s. & 3 ph. 60 cys.

City cont. 407 incs. Gem multiple 50 w.: moonlt. to 1 A. M. (Energy distributed in Agawam, Feeding Hills and Mittineague; sells in bulk in West Springfield, and to the Northern Conn. Lt. & Pwr. Co. for Suffield and Thompsonville, Conn., at 13,200 v.)

D L 1 3 ★125

**AMESBURY,** 9,894—Amesbury Elec. Lt. Co. (Owns stm. gen. sta. at Amesbury, which is operated by Merrimac Valley Bldg. & Pwr. Co.) (Controlled by C. D. Parker & Co., Inc. Boston); cap. $235,000; no bds.

Pres. J. F. Spalding..........Salisbury
V. Pres B. F. Sargent.........Amesbury
Sec. E. C. Mason..................Boston
Treas. C. R. Adams................ "
Audr. Chas. E. Stanwood........ "

*¶ Mgr. H. A. Sawyer..........Amesbury
Cont. Agt. C. P. Myrick........ "
Supt. Ovhd. W. W. Tuxbury... "
Engr. Pwr. Sta. Morris L. Jewett "

4 a. c. G. E. tot. 1255 kw. 2300-104 v. 2 ph. 60 cys: 1 d. c. G. E. 50 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 220-440 v. 2 & 3 ph. 60 cys; d. c. mo. cir. 550 v; 1150 hp. e. R. & S. Rollins; 500 hp. b. U. I. Wks.; 500 kw. stm. turbine, G. E.

City cont. 34 a. c. enc. & flame arcs 500 w. $93.37 & $72 per yr. all nt; Mazdas 50 w. $ .0.75 (all nt.). $16 (moonlt. 1 15 A M.) and $16.39 (midnt.) per yr; coal $4.55 & $2.75. (Co. also lts. Salisbury and Salisbury Beach.)

C D L S 2 3 ✣ ★125

**AMHERST**, 5,112—Amherst Gas Co.; cap. outstg. $300,000; bds. $30,000.
Pres. Philip Cabot
111 Devonshire St., Boston
Treas. L. E. Flint " " "
Gen. Mgr. G. W. Lawrence....Greenfield
¶ Pur. Agt. G. E Rogers........Amherst
*Supt. J. J. O'Connell.......... "
Ch. Engr. F. S. Hunt..........Greenfield

Energy purchased from Turners Falls Pwr. & Elec. Co. and Greenfield Elec. Lt. & Pwr. Co., 66,000 v.; 315 transf. G. E. tot. 1104 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 60 cys.

City cont. 340 series incs. 60 c. p. $14.50 per yr; 18 series incs. 200 c. p. $50 per yr. 1 A. M. (Also lts. Hatfield, Hadley and Whately; sells in bulk to Sunderland.)

D L 1 3 ★16

**ANDOVER**, 7,301—Lawrence Gas Co. See Lawrence.

City cont. 29 arcs 1200 c. p. $68 per yr; 224 tung. 40 c. p. $16 per yr.

L 25

**ARLINGTON**, 11,187—The Edison Elec. Illg. Co. of Boston. See Boston.

**ASHBURNHAM**, 2,107—Munic. Elec. Lt. Plant.
*¶ Mgr. & Cont. Agt.
M. E. Gates............So. Ashburnham

Purchases energy from Gardner Elec. Lt. Co.; 6600 v. 3 ph. 60 cys; 14 transf. G. E Pitts; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 550-220-110 v. s. & 3 ph. 60 cys.

127 city tung. 32 c. p. 10 cts. per kw; moonlt. midnt.

D L 1 3 125

**ASHBY**, 885—Fitchburg Gas & Elec. Lt. Co. See Fitchburg.

City cont. 34 tung. 40 c. p. $18 per yr; moonlt.

L 16

**ASHLAND**, 1,682—The Edison Elec. Illg. Co. of Boston. See Boston.

**ATHOL**, 8,536—Athol Gas & Elec. Co Main Office, 180 Exchange St., Boston; cap. outstg $605,000; bds. $15,000.
Pres. J. Q. Bennett............Cambridge
Sec. E. C. Mason..................Boston
Treas. P. B. Webber............... "
Audr. Chas. E. Stanwood......... "
¶ Pur. Agt. M. B. Webber ........ "
Cont. Agt. A. W. Evans..............Athol
*Local Mgr. A. A. Laughton........ "

6 a. c. G. E. West. tot. 2040 kw. 2300 v. 3 ph. 60 cys: 2 d.c. G. E. West. tot. 635 kw. 600 v; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 60 cys; 625 hp. stm. turb. G. E; 1150 hp. e. Green, Erie City, McI. & S; 2200 hp. turb. wtr. Smith, Hol; 1070 hp. b. Dillon, Stir.

City cont. 675 Mazdas 40 & 60 c. p. $18 & $20 per yr: all nt; coal. (Co. sells energy to Northern Massachusetts St. Ry. Co. and also lts. Orange, Erving & Wendell.)

C D L S W 1 3 26

**ATTLEBORO**, 18,000—Attleboro Steam & Elec. Co.; cap. $275,000; bds $30,000.
Pres. John Joyce.................Boston
Sec. & Treas. Vincent Goldthwaite "
*¶ Mgr & Cont. Agt.
Edgar Tregoning.............Attleboro
Engr. Pwr. Sta. Frank Danolds.. "

4 a.c. G E. tot. 2250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 850 hp. e. L. & B, McI. & S; 1500 kw. (stm.) turb. G. E; 1500 hp. b. Bab. & W.

City cont. 55 arcs 6.6 amp. $70 per yr; 656 incs. 40 & 80 c. p. $16 & $20 per yr; 1 A. M; coal $4.10.

D L S 3 25

**ATTLEBORO FALLS**, 1,200—See North Attleboro.

**AUBURN**, 2,420—Worcester Suburban Elec. Co. See Uxbridge.

Energy from Uxbridge via Milling substa; 4000 v. 3 ph. 60 cys; day & nt. ltg. 110 v. 60 cys.

City cont. 133 Mazdas 32 c. p. $16.50 per yr; all nt. moonlt.

D L 3 125

**AVON**, 2,050—Edison Elec Illg. Co. of Brockton. See Brockton.

City cont. 105 Mazdas 40 c. p. $16 per yr.

L 125

**AYER**, 2,797—Ayer Elec. Lt. Co. (Mass. Ltg. Cos. owns majority of capital stock); cap. $30.000; bds. $8.500.
Pres. Alfred Clarke..... .. ......Boston
Sec. & Treas. Geo. F. Howland.... "
*Gen. Mgr. Guy K. Dustin
77 Franklin St. "
Supt. L. Whitcomb.................Ayer

Power purchased from Clinton Gas Lt. Co.; 2 a. c. Bull, West. tot. 265 kw. 2200-110 v. 3 ph. 60 cys; 300 hp. e. Fitchbg; 150 hp. b. Dillon.

City cont. 5 arcs 1200 c. p. $75 per yr; 321 incs. 25 c. p. $16.50 per yr; 1 A. M. (Co. also lts. Harvard, and sells energy to Groton Munic. Plant.)

L S 3 ★85†

**BALDWINSVILLE**, 1,750—See Templeton.

**BARNSTABLE**, 4,676—Buzzards Bay Elec. Co. See Falmouth.

**BARRE**, 2,957—Gardner Elec. Lt. Co. See Gardner.

**BEDFORD**, 1,231—The Edison Elec. Illg. Co. of Boston. See Boston.

**BELCHERTOWN**, 2,054—Central Massachusetts Elec. Co. See Palmer.

**BELLINGHAM**, 1,696—Union Lt. & Pwr. Co. See Franklin.

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The Edison Elec. Illg. Co. of Boston. See Boston.

**BELMONT**, 5,542—Munic. Elec. Lt. Plant; cost $14,000.
*Mgr. E. P. Taylor ..............Waverly

Energy purchased from Cambridge Elec. Lt. Co.; a. c. day & nt. ltg. cir. 110-106 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

2500 com. incs. 4-8-16 c.p. 12½ cts. per kw; 20 p. c. disct. for prompt payment; moonlt. 1.30 A. M.

D L 1 25

**BERLIN,** 1,306—Marlboro Elec. Co. See Marlboro.

City cont. 39 Mazdas 50 w. $17.50 per yr; moonlt. 1 A. M.

L 26

**BEVERLY,** 18,650 — Beverly Gas & Elec. Co. Office, 223 Cabot St.; cap. auth. $437,500.

Pres. Sidney W. Winslow........Beverly
*¶ Sec., Treas. & Mgr.
Andrew W. Rogers "
Supt. Elec. Alexander Macauley.. "
Supt. Gas, Chas. R. Prichard ..... "

3 d.c. arc G. E. tot 350 lts. 75 v; 4 a. c. G. E. tot. 2000 kw. 2300-110 v. 3 ph. 60 cys; 1 arc 50 lts. 5 amp; a. c. day & nt. ltg. & mo. cir. 220-110 v; 1250 hp. e. Prov, R. & S: 500 kw. turb. G. E; 700 hp. b. Bab. & W.

City cont. 75 magn. arcs $97 per yr. all nt. & $69 per yr. 12 P. M; 349 arcs enc. 5 amp. $79 & $80 per yr. all nt; 375 tung 50 w. $18.50 & $20 per yr. all nt; coal $4. (Co. also serves Wenham, Topsfield and Hamilton.)

D L S 3 125

**BILLERICA,** 2,789—Lowell Elec. Lt. Corpn. See Lowell.

**BLACKSTONE,** 5 648—The Blackstone Elec. Lt. Co. (Controlled through stock ownership by the Central Mass. Lt. & Pwr. Co.); cap. $40,000.

Pres. Eugene P. Powell........Plymouth
Sec. Edward C. Mason............Boston
Treas. Chas. R. Adams,
78 Devonshire St., Boston
Mgr. P. H. Clarke..............Franklin
*Gen. Supt. Ralph O. Ditson..Blackstone

Energy purchased from Blackstone Valley Gas & Elec. Co., Woonsocket, R. I; a. c. day & nt ltg cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph. 60 cys.

(Also serves East Blackstone and Millville.)

D L 1 3 ★16

**BOLTON,** 764—Marlboro Elec. Co. See Marlboro.

City cont. 14 Mazdas 50 w. $18 per yr; moonlt. 1 A. M.

L 26

**BONDSVILLE,** 1,481—Central Mass. Elec. Co. See Palmer.

**BOSTON,** 670,585 — Block Plant Elec. Lt. Co.: cap. auth. $9,500.

Pres. S. E. Boyden...309 Washington St.
Treas. C. H. Adams... " "
*Supt. Sanford E. Boyden...28 School St.

4 d. c. tot. 250 kw. 110-220 v; d. c. day & nt. ltg. cir. 113 v; d. c. day & nt. mo. cir. 226 v; 365 hp. e; 300 hp. b. Bab. & W; also stm. htg.

C D H L S 16

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The Edison Elec. Illg. Co. of Boston. General offices, 39 Boylston St. Executive offices 70 State St. Generating stas. at "L" St. and Atlantic Avenue, Boston, and Waltham. (Consol. of Boston Elec. Lt. Co., Suburban Lt. & Pwr. Co., Natick Gas & Elec. Co., Framingham Elec. Co., Blue Hill Elec. Co.(Canton), Dedham Elec. Co., Milton Lt. & Pwr. Co., Greendale Chem. & Elec. Lt. Co. (Needham) Somerville Elec. Lt. Co., Woburn Lt., Ht. & Pwr. Co., The Medfield Elec. Lt. & Pwr. Co., The Medway Elec. Lt. & Pwr. Co. & Woodville Elec. Lt. Co. (Hopkinton); also the electric interests of the Newton & Watertown Gas Lt. Co., Chelsea Gas Lt. Co., Brookline Gas Lt. Co., Waltham Gas Lt. Co., Lexington Gas & Elec. Co., Hyde Park Elec Lt. Co. and Weston Elec. Lt. Co.); cap. auth. $22,528,000; bds. outstg. $1,407,000.

Pres. & Gen. Mgr. Chas. L. Edgar,
70 State St., Boston
V. Pres. Walter C. Baylies,
48 Franklin St., "
Treas. Thos. K. Cummins,
70 State St., "
Clerk, J. Otis Wardwell,
84 State St., "
¶ Pur. Agt. W. H. Francis
39 Boylston St., "
Gen. Supt. W. H. Atkins
39 Boylston St., "
Generating Supt., W. P. Hancock,
39 Boylston St., "
Ch. Elecn. L. L. Elden,
39 Boylston St., "

16 d. c. G. E. tot. 10,400 kw. 300 & 150 v; 16 a. c. G.E, West. tot. 106.000 kw. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. & mo. cir. 113 v; d. c. mo. cir. 500 v. for st. ry. service; 28,600 hp. e. McI. & S; 2600 hp. e. Ed. triple expansion; 139,400 hp. stm. turb. West, Curtis; 40,136 hp. b. Bab. & W, Sterling; 15,217 kw. hr. Chlo. Accr. E. S B; 37 stations and substations, with a tot. cap. 61.-395 kw. in motor-gen. and 42,775 kw. in step-down transf. & tubs and 22,200 kw. in step-up transf; 720 kw. in boosters.

City cont. 23 G E. arcs Thoran 1600 c. p. 500 w. $148.05 per yr; 4,626 G. E. arcs magn. 800 c. p. 500 w. $87.53 per yr; 3,000 G E. incs. 40 c p. 50 w. $18.33 per yr; 1182 G E. incs. 60 c p. 75 w. $21.13 per yr; 10 G. E. incs. 80 c. p. 100 w. $26.38 per yr; 4 G. E. incs. 100 c. p. 125 w. $33.43 per yr; 3 G. E. incs. 320 c. p. 400 w. $84.08 per yr; 3,828 hrs; coal $3 90 (average). (Co. lts. Arlington, Ashland, Bedford, Bellingham, Boston, Brookline, Burlington, Canton, Carlisle, Chelsea, Dedham, Dover, Framingham, Franklin, Holliston, Hopkinton, Hyde Park, Lexington, Lincoln, Medfield, Medway, Millis, Milton, Natick, Needham, Newton, Norfolk, Sharon, Sherborn, Somerville, Stoneham, Sudbury, Walpole, Waltham, Watertown, Wayland, Weston, Westwood, Winchester and Woburn and sells energy in bulk to Charleston Gas & Elec. Co., Middlesex & Boston St. Ry. and to the towns of Norwood, Wellesley and Wakefield.)

C D L S 3 16

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Central Massachusetts Lt. & Pwr. Co. Office, 78 Devonshire St. (Controls Blackstone Elec. Lt. Co., Central Mass. Elec. Co. (Palmer), North Brookfield Lt. & Pwr. Co, Union Lt. & Pwr. Co., Central Mass. Pwr. Co. and Ware Elec. Co., and is under the management of C. D. Parker & Co., Inc.)

Pres. Eugene P. Rowell... ....Plymouth
Treas. Chas. R. Adams............Boston
*Clerk, Edward C. Mason......... "

125

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Chace & Harriman, Inc. Office, 50 Congress St. Operating managers for New England Pwr. Co., Conn. River Pwr. Co., Conn. River Transmission Co., Rhode Island Pwr. Transmission Co., Bellows Falls Pwr. Co., Fall Mountain Elec. Co., Deerfield River Pwr. Co., Fifteen Mile Falls Pwr. Co., Power Construction Co. and Gardner Electric Lt. Co.

Pres. Malcolm G. Chace..........Boston
*V. Pres. H. I. Harriman.......... "
Treas. C. E. Stanwood............ "
Sec. R. Y. Fitz Gerald .... ...... "

§105

Federal Pwr. & Lt. Co. Offices, 35 Congress St. Controls the North Western Ohio Light Co., operating in Delphos, Van Wert, Urbana, Ottawa, Deshler and Leipsic, Ohio; also controls the Electric Properties Association, which in turn, controls the Grinnell (Ia.) Electric & Heating Co., Carroll (Ia.) Light & Heat

Co., Sac City (Ia.) Electric Co., and the Storm Lake (Ia.) Electric Light & Power Co.; cap. out-tg. $1,700,000; no bds.

*Pres. Lindsey Hooper,
35 Congress St., Boston
V. Pres. Samuel Orr,
26 Hanover St., Boston
Sec. & Treas. Charles A. Olson.
35 Congress St., Boston
Audr. H. B. Turner,
35 Congress St., Boston
★26

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Gas & Elec. Improvement Co. Controlled by Massachusetts Ltg. Cos. and manages the following cos: Adams Gas Lt. Co., Arlington Gas Lt. Co., Ayer Elec. Lt. Co, Harvard Gas & Elec. Co, Clinton Gas Lt. Co. Gloucester Gas Lt. Co., Leominster Elec. Lt. & Pwr. Co., Leominster Gas Lt. Co., Lexington Gas Co.. Milford Elec. Lt. & Pwr. Co., Milford Gas Lt. Co., Mill River Elec. Lt. Co., No. Adams Gas Lt. Co., Northampton Elec Ltg. Co., Northampton Gas Lt Co., Spencer Gas Co., Williamstown Gas Co. and Worcester County Gas Co., (Palmer) all in Mass; Daytona (Fla) Public Service Co. and Stamford (Vt.) Lt., Ht. & Pwr. Co.

25†

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The Light, Ht. & Pwr. Corpn. (Constructing Engrs.) Office, 77 Franklin St., Boston. (Controls Daytona (Fla.) Public Service Co. and Stamford (Vt.) Lt., Ht. & Pwr. Co. and is in turn controlled by Massachusetts Ltg. Companies); cap. $500.000; bds $100.000.

Pres. Arthur E. Childs............Boston
V.Pres. A. M. Whitney............ "
Sec. & Treas. C. N. Burnell....... "
Mgr. F. E Learned................ "
¶ Pur. Agt. H. L. Ogden.......... "
14

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Massachusetts Ltg.Cos. Office, 77 Franklin St. (This is an association governed by a board of trustees and owns a majority of the capital stock of the following companies: Adams Gas Lt. Co., Arlington Gas Lt. Co, Ayer Elec Lt. Co., Clinton Gas Lt. Co., Gloucester Gas Lt. Co., Harvard Gas & Elec. Co., Leominster Gas Lt. Co., Leominster Elec. Lt. & Pwr. Co., Lexington Gas Co., Milford Elec. Lt. & Pwr. Co, Milford Gas Lt. Co., Mill River Elec. Lt Co., Williamsburg, North Adams Gas Lt. Co., Northampton Elec. Ltg. Co., Northampton Gas Co., Spencer Gas Co., Williamstown Gas Co. and Worcester County Gas Co. Controls The Lt., Ht. & Pwr. Corpn. and Gas & Elec. Improvement Co); share capital paid in $5.055.014.35.

Board of Trustees
Pres. Arthur E. Childs......Boston
Treas. Addis M. Whitney.. "
Alfred Clarke.............. "
Wm. M. Butler.............. "
Percy Parker............... "
Bowen Tufts................ "
Chauncey D. Parker......... "
*Sec. & Asst. Treas.
Geo. F. Howland.............. "
Audr. C. N. Burnell.......... "
16

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New England Securities Co. (Voluntary organization; owns Royalton (Vt.) Pwr. Co., Lisbon Falls (Me.) Elec. Co. and Yarmouth (Me.) Ltg Co.)

*Pres. & Mgr. N. Curtis Fletcher,
24 Milk St., Boston
Treas. Daniel C. Linscott " "
Audrs. Edwin Scott Morse Co.,
73 Tremont St., "

Directors and Trustees
Marvin H. Hazen,
South Royalton, Vt.
F. E. Bacon..........Boston
H. E. Coolidge,
Lisbon Falls, Me.
Geo. D. Harrington,
So. Royalton, Vt.
Benj. F. Kimball.......Woburn
Paul J. Risska,
Lisbon Falls, Me.
Daniel C. Linscott,
24 Milk St., Boston
Arthur H. Taber,
24 Milk St., Boston
Albert H. Coombs,
Yarmouth, Me.
N. Curtis Fletcher,
24 Milk St., Boston
J. Adan Waldo.......... "
★125

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Public Service Investment Co. (Organized with authority, among other things to hold and deal in stocks, bonds and other securities Owns securities in twelve companies under management of Stone & Webster Management Ass'n; stock outstg. (pfrd.) $2,500,000, (com.) $2,500,000; no bds.

Directors
Henry G. Bradlee.....Boston
Chas A. Stone........ "
John W. Hollowell.... "
Eliot Wadsworth...... "
Russell Robb.......... "
Edwin S. Webster..... "
Dwight P. Robinson.. "
§26

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Railway & Light Securities Co. (Organized for the purpose of holding for income or for sale the securities of transportation, illuminating, power and other public service corporations. Under charter, it may issue its own Collateral Trust Bonds, secured by bonds of other companies as collateral; owns bonds and stocks of thirty-nine independent companies, twenty one of which are under management of Stone & Webster Management Ass'n; stock outstg. (pfd.) $1.500,000, (com.) $1,000.000; bds. $2.019.000.

Directors
Henry G. Bradlee.....Boston
Stedman Buttrick..... "
Chas. A. Stone........ "
Eliot Wadsworth....... "
Edwin S. Webster..... "
Robt. F. Herrick...... "
Thos. N. Perkins...... "
Robt. T. Paine, 2d.... "
Russell Robb.......... "
Jas. J. Storrow........ "
John W. Hollowell.... "
§26

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Stone & Webster Management Association, General office, 147 Milk st., Boston. (The following companies are managed: Adirondack Elec. Pwr. Corp.. Baton Rouge Elec. Co., Beaumont Trac. Co., Blackstone Valley Gas & Elec. Co., The Blue Hill St. Ry. Co., Brockton & Plymouth St. Ry. Co, Cape Breton Elec. Co., Ltd.. Central Mississippi Valley Elec. Properties, Columbus Elec. Co., Columbus Pwr. Co., Columbus Railroad Co., The Connecticut Pwr. Co., Dallas Elec. Co., Dallas City (Ill.) Lt. Co., Eastern Texas Elec. Co.. Edison Elec. Illg. Co. of Brockton, The Elec. Lt. & Pwr. Co. of Abington and Rockland, El Paso Elec. Co., Everett Ry., Lt. & Wtr. Co., Fall River Gas Wks. Co., Ft. Madison (Ia.) Elec. Co., Galveston Elec. Co., Galveston-Houston Elec. Co., Galveston-Houston Elec. Ry. Co., Haverhill Gas Lt. Co., Houghton County Elec. Lt. Co, Houghton County Trac. Co., Houston Elec. Co., Jacksonville Trac Co.. Keokuk Elec. Co., The Key West Elec. Co.. The Lowell Elec. Lt. Corpn., Mississippi River

Pwr. Co., Northern Texas Elec. Co., Northern Texas Trac. Co., Pacific Northwest Trac. Co., Paducah Trac. & Lt. Co., Pawtucket Gas Co. of N. J., Pensacola Elec. Co., Ponce Elec. Co., Public Service Investment Co., Puget Sound Elec. Ry., Puget Sound International Ry. & Pwr. Co., Puget Sound Trac., Lt. & Pwr. Co., Ry. & Lt. Securities Co., Reno Pwr., Lt. & Wtr. Co., Savannah Elec. Co., Savannah Pwr. Co., Sierra Pacific Elec. Co., Sydney & Glace Bay Ry. Co., Ltd., Tacoma Ry. & Pwr. Co., Tampa Elec. Co. and Tarrant County Trac. Co.); cap. outstanding (pref.) $38,092,100; (common) $61,911,200; bds. & notes $86,512,100.

Pres. Henry G. Bradlee............Boston
V. Prests.
Fred'k S. Pratt.......... "
Fred'k P. Royce.......... "
Chas. F. Wallace......... "
Sec. Edward F. Flynn............. "
Treas. Henry B. Sawyer........... "

Total combined power station cap. 289,640 hp. approx. (109 500 hp. generated by wtr. power.)

26

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Charles H. Tenney & Co. (Managers & Engineers of Public Utilities). Office, 201 Devonshire St., Boston. (Manages "Tenney Properties" as follows: Malden Electric Co., Malden & Melrose Gas Lt. Co., Salem Elec. Ltg. Co., Haverhill Elec. Co., Fitchburg Gas & Elec. Lt. Co., Suburban Gas & Elec. Co. (Revere and Winthrop), Springfield Gas Lt. Co., American Tar. Co. and North Boston Ltg Properties, all of Massachusetts; Exeter & Hampton Elec. Co., Exeter, Hampton & Amesbury St. Ry., Exeter Ry. & Ltg. Co. and Concord Elec. Co. all of New Hampshire: Consolidated Ltg. Co., Montpelier & Barre Lt. & Pwr. Co., and The Barre & Montpelier Trac. & Pwr. Co., of Vermont; People's Gas & Elec. Co., (Oswego), Rockland Elec. Co (Hillburn) and Rockland Lt. & Pwr. Co. (Nyack) of New York; Rockland Elec. Co. (of New Jersey) and The Bristol & Plainville Tramway Co. (of Connecticut.)

Pres. Charles H. Tenney......Springfield
1st V. Pres. Albert B. Tenney .... 201 Devonshire St., Boston
2nd V. Pres. D. E. Manson "
Gen. Mgr. H. T. Sands.... "
*Sec. H. P. Wood ........ "
Treas. E. A. Bradley...... "
Asst. Treas. & Audr. H. A. Gidney.............. "
Clerk, Allen Hollis. 77 North Main St., Concord, N. H.
Engrg. Mgr. Frank C. Sargent..... 201 Devonshire St., Boston
¶ Pur. Agt Francis P. Mooney "
Office Mgr. I. S. Hall......... "

75

**BOURNE,** 2,474—Marion Gas Co. See Marion.

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Buzzards Bay Elec. Co. See Falmouth.

**BRAINTREE,** 8,066 See East Braintree.

**BRIDGEWATER,** 8,000—Edison Elec. Illg. Co. of Brockton. See Brockton.

Energy from East Bridgewater plant; 2 transf. G. E. tot. 400 kw; a. c. day & nt. lt. cir. 115 v: a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys

City cont. 216 Mazdas 60 c. p. $16 per yr; 1 A. M. moonlt.

D L 3 ✠ 125

**BROCKTON,** 63.500 — Edison Elec. Illg. Co. of Brockton. (Pwr. station at E. Bridgewater; auxiliary stations at Brockton, Stoughton and Whitman; cap. 10 300 kw. Operates under contract No. Abington station of the Electric Lt. & Pwr. Co. of Abington and Rockland to which company energy is sold); cap. outstg. $1,265,000; bds. $200,000; notes $30,000.

Pres. F. B. Howard............Brockton
V. Pres. A. Stuart Pratt, 147 Milk St., Boston
Clerk, Wm. T. Crawford " "
Treas. Henry B. Sawyer " "
Gen. Mgrs. Stone & Webster Mgt. Assn.. " "
*Mgr. A. F. Nelson.............Brockton
Engr. Pwr. Sta. F. B. Wheaton "

Auxiliary plant; 2 a. c. G. E. tot. 650 kw. 220 v. 2 ph. 60 cys; 10 d. c. G. E, Ed. tot. 650 kw. 230 v; a. c. day & nt. ltg. cir. 119 v: a. c. mo. cir. 550-230 v. s. 2 & 3 ph. 60 cys; d. c. day & nt. ltg. cir. 114 v; d.c. mo. cir. 230 v; 2035 hp. e. McE. A. & S; 1350 hp. b. Kendall. Energy from East Bridgewater; 4 transf. G. E. tot. 1400 kw; 3 rot. conv. G. E. tot. 600 kw; 1 mo.-gen. G. E. 300 kw.

City cont. 219 arcs 6.6 amp. $85 per yr; 1618 incs. 40 c. p. $16.65 per yr; all nt; coal $5. (Serves Avon, Bridgewater, Brockton, East Bridgewater, Hanson, North Easton, Stoughton, West Bridgewater, Whitman and Pembroke.) (Will extend line to Halifax and from North Easton to Eastondale and So. Easton.)

C D L S 1 2 3 ✠ ★125

**BROOKFIELD,** 2,204—Central Mass. Elec. Co. See Palmer.

**BROOKLINE,** 27,792 — The Edison Elec. Illg. Co. of Boston. See Boston.

**BUCKLAND,** 1,573—Greenfield Elec. Lt. & Pwr. Co. See Shelbourne Falls.

**CAMBRIDGE,** 104,839 — Cambridge Elec. Lt. Co. Office, 46 Blackstone St.; cap. outstg. $900,000; no bds.

Pres. J. Q. Bennett...........Cambridge
V. Pres. J. Henry Russell.... "
*¶Treas. & Gen. Mgr. Welles E. Holmes Newton
Audr. D. A. White............... "
Sales Mgr. J. E. Spike........Cambridge
Elec Engr. W. R. Eaton...... "
Engr. Pwr. Sta. D. E. Badger.. "

2 d.c. G. E. tot. 200 kw. 500 v; 6 a.c. G. E, West. tot. 6000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir. 500 v.; d. c. mo. cir. 550 v; 5.250 hp. e. McI. & S; 3200 hp. b. Bab. & W: 2000 kw. stm. turb. Curtis. West.

City cont. 171 G. E. magnetite arcs 6.6 amp. $98 per yr. nt. & $72.50 per yr mdnt; 2080 incs. "B. & C." mdnt. all nt: coal $4.02. (Co. also sells energy in bulk to Belmont.)

C D L S 3 16

**CANTON,** 4,797—The Edison Elec. Illg. Co. of Boston. See Boston.

**CARVER,** 1,663—Plymouth Elec. Lt. Co. See Plymouth.

**CHARLEMONT,** 1,001 — Charlemont Elec. Lt. & Pwr. Co.; cap. $3,000.

*¶ Owner, Mgr. & Supt. G. H. Turner...............Charlemont
Sec. & Treas. W. S. Turner... "

1 d.c. West. 425 kw. 220 v: d. c. nt. ltg. cir. 220 v; 40 hp. e. Erie; 100 hp. b. Dillon; 100 hp. turb. Pelton.

City cont. 38 Mazdas 40 w. $10 per yr; all nt.

C L S W ✠ 125

**CHARLESTOWN,** 39,983 — Charlestown Gas & Elec. Co. Office, 27 Main St; cap. outstg. $600,000; no bds.

Pres. Frank J. Bartlett ............Boston
V. Pres. J. M. Hunnewell .......... "
*¶ Sec., Treas. & Mgr. S. J. Fowler "
Gen. Supt. Patrick Coyle.... "

Purchases energy from the Edison Elec. Illg. Co. of Boston; 2250 v. 3 ph. 60 cys; a.c.

day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 288 arcs magn. $87.52 per yr; 1 Mazda 60 w. $21 12 per yr. all nt.
D L 3 ✠ 25

**CHARLTON CITY,** 1,050—Webster & Southbridge Gas & Elec. Co. See Webster.

**CHARTLEY,** 500—Norton Elec. Lt. & Pwr. Co.; cap. $5,000.
*Pres. C. N. Makepeace............Chartley
Treas. & Mgr. W. M. Sturdy...... "

2 d. c. tot. 100 kw. 115 v; 1 a. c. 50 kw. 1100 v. s. ph; 150 hp. e; 250 hp. b; 50 hp. turb. (wtr.).
C L S W 1 73

**CHELMSFORD,** 5,010—Lowell Elec. Lt. Corpn. See Lowell.

**CHELSEA,** 32,452--Edison Elec. Illg. Co. of Boston. See Boston.

**CHESHIRE,** 1,508—Adams Gas Lt. Co. See Adams.

**CHESTER,** 1,377—Chester Elec. Lt. Co; cost $9,000.
Pres. Clara M. Gardner.... .... .Chester
*Treas. & Mgr. E. LeRoy Gardner. "

3 d. c. Elektron tot. 28 kw. 125 v; 700 d. c. incs; d.c. day & nt. ltg. cir. 110 v; 15 hp.e. Otto (gas); 52 hp. turb. Bradway; 160 amp. bat. E. S. B.

City cont. 43 mult. tung. 20-32 c. p. $12.50 per yr; moonlt; gasoline 18 cts.
C D G L W ✠ 113

**CHICOPEE,** 25,401—Munic. Elec. Lt. Plant; cost $225,215; bds. outstg. $176-000, 3 & 4 p. c. int.
Bd. *Chrmn. Chas. W. Embury Chicopee
Bd. Luke C. Meehan......... "
Bd. Ulysses H. Roe.......... "
Mgr. R. P. Benedict............ "
Engr. Pwr. Sta. E. A. Millar.... "

Energy purchased from Turners Falls Pwr. & Elec. Co.; 3 a.c. G E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 7 rect. West. G. E. tot. 300 lts; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo cir. 440-220-110 v s. & 3 ph. 60 cys; 500 kw. stm. turb. G. E; 250 hp b. Dillon.

252 city arcs flame 300 w; 101 Mazdas series 40 w; all nt; coal $4.10. (Also lts. Fairview, Aldervi!le, Chicopee Falls & Willimansett.)
D L S 1 3 ★105w

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Turners Falls Pwr. & Elec. Co. (Sub. sta.) See Greenfield.

Trans. 66,000 v. 3 ph; 6 transf. G. E. West. tot. 19,500 kw; 2 mo. gen. tot. 1000 kw; distrib. system a.c. 13,200 v. 3 ph. 60 cys; d. c. 650 v. (Energy sold in bulk to City of Chicopee, Springfield St. Ry. Co. and large manufacturers.)
N 3 125

**CHICOPEE FALLS,** 6,900—See Chicopee.

**CLARKSBURG,** 1,207—North Adams Gas Lt. Co. See North Adams.

**CLINTON,** 13,075—Clinton Gas Lt. Co., 174 Union St.; cap. auth. $123,000, 5 p.c. div; bds. $110,000, 4½ p. c. int. (Mass. Ltg. Cos. owns majority of capital stock.)
Pres. & Mgr.
Alfred Clarke, 77.. Franklin St., Boston
Sec. & Treas.
Geo. F. Howland " "
Gen. Mgr. Guy K. Dustin " "
¶ Pur. Agt. H. L. Ogden " "
Supt. R. E. Freel..................Clinton

3 a. c. Bull. Allis C. tot. 515 kw. 2200-104 v. 3 ph. 60 cys; 1 d. c. arc G. E. 100 lt; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir; 750 hp. e. B. & W, Fitch; 400 hp. b. Robinson. Robb M; (purchases current from the Leominster Elec. Lt. & Pwr. Co.; 100 kw. transf. Allis C.) (Station operated as auxilliary.)

City cont. 831 incs. 40, 50 & 100 w. $19 $20 & $28.50 per yr; all nt; coal $5. (Co. also lts. Lancaster, and sells power to Ayer Elec. Lt. Co.)
D L S 3 25

**COHASSET,** 2,585—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See No. Abington.
Local Supt Harry R. Pratt......Cohasset

Energy from Edison Elec. Illg. Co. of Brockton; trans. 13,000 v. 3 ph. 60 cys.

City cont. 12 nitro. lamps 250 w. $61.20 per yr; 341 nitro. lamps 60 c. p. $18 per yr; 10-yr. cont; all nt.
L 3 16

**COLERAIN,** 1.741—Greenfield Elec. Lt. & Pwr. Co. See Shelbourne Falls.

**COLLINSVILLE,** 1,000—Lowell Elec. Lt. Corpn. See Lowell.

**CONCORD,** 6,421—*Munic. Electric Lt. Plant; cost $165,118.13.
¶ Mgr. Supt. & Ch. Elecn.
A. W. Lee......................Concord

3 a. c. West. tot. 1100 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 106-110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. ph; 300 hp. e. West; 270 hp. b. Holyoke, Hodge; 333 kw. stm. turb. West.

952 city Mazdas 50 w. 40 c. p; mdnt. all nt; coal $4.85 & $3.42.
D L S 1 2 24

**CONWAY,** 1,230—Deerfield River Elec. Lt. Co.; cap. $4.700.
Pres. J. B. Packard............. Conway
*Sec. & Treas. F. A. Delabarre... "
¶ Mgr. J. B. Laidley.............. "
Ch. Engr. Henry Morton......... "

City cont. 35 incs. 32 c. p. $12.50 per yr.
L 127

**DALTON,** 3,568 Pittsfield Elec. Co. See Pittsfield.

**DANVERS,** 9,407—*Munic. Elec. Lt. Plant; cost $160,000; bds. auth. $95,900;
Elec. Lt. Com. W. T. Creese....Danvers
Elec. Lt. Com. O. H. Perkins.. "
Elec. Lt. Com. F. H. Caskin... "
Mgr. & Ch. Elecn. T. J. Lynch.. "
Ch. Engr. A. F. Hayward....... "

5 a. c. Westg. tot. 1005 kw. 2200-220-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. pwr. cir. 2200 v; 1285 hp. e. McI. & S, Harris, Cor; 550 hp. b. Cungh, Robb. & Mum.

68 city arcs enc. 6.6 amp. 528 kw $45 per yr; 668 tung. 50, 75 & 100 kw. 6.6 amp. $10 per yr; moonlt; all nt; coal. (Also lts. Middleton.)
D L S 1 3 123

**DARTMOUTH,** 4,378—New Bedford Gas & Edison Lt. Co. See New Bedford.

**DEDHAM,** 9,284—The Edison Elec. Illg. Co. of Boston. See Boston.

**DEERFIELD,** 2,209—Greenfield Elec. Lt. & Pwr. Co. See Greenfield.

**DIGHTON,** 2,235—Fall River Elec. Lt. Co. See Fall River.

**DOUGLAS.** 2,152—Worcester Suburban Elec. Co. See Uxbridge.

Energy from Uxbridge; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 125 Mazdas 32 c. p. $14 per yr; moonlt. 12 P. M.
D L 8 125

**DRACUT,** 3,461—Lowell Elec. Lt. Corp. See Lowell.

**DUDLEY,** 4,267—Webster & Southbridge Gas & Elec. Co. See Webster.

**DUXBURY,** 1,088—Plymouth Elec. Lt. Co. See Plymouth.

**EAST BLACKSTONE,** 200 — The Blackstone Elec. Lt. Co. See Blackstone.

Trans 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph. 60 cys.

City cont. 38 arcs 4 amp. $130 per yr; 51 incs. 40 c. p. $30 per yr; all nt.

D L 1 3 16

**EAST BRAINTREE,** 1,132 — Munic. Electric Light Plant; bds. $16.500.

Munic. Bd. C. T. Crane ..E.Braintree
Munic. Bd. A. J. Carson.... "
Munic. Bd. N. P. Potter.... "
Treas. Otis B. Oakman........ "
*¶Mgr. F. B. Lawrence....... "
Ch. Engr J. C. Stevens....... "

3 a.c. West. tot. 500 kw. 2200-220-110 v. 2 ph. 60 cys; 3 d. c. G. E. tot. 125 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-2200 v. s. & 2 ph. 60 cys; 500 hp. e. H. F. & M. Rollins, Green; 400 hp. b. Kendal.

697 city incs "C" 60 c. p. & 250 c. p. $9 per yr; all nt: coal $4.30 and $2.25. (Also lts. No. Braintree, Braintree and South Braintree.)

C D L S 1 2 ✠ ★125

**EAST BRIDGEWATER,** 3,538—Edison Elec. Illg. Co. of Brockton. See Brockton.

2 a. c. G. E. tot. 4000 kw 13.000 v. 3 ph. 60 cys; 1 turbo-gen. G. E. 5000 kw. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; 3800 hp. b. Bab. & W, Edge; 4000 hp. G. E. steam turb.

City cont. 139 Tung. 40 c. p. $15.52 per yr; moonlt: coal $4.51.

D L S 3 125

**EAST DOUGLASS,** 1,998—Worcester Suburban Elec. Co. See Uxbridge.

**EASTHAMPTON,** 8,524—Easthampton Gas Co. Two power stas. at Mt. Tom; cap. outstdg. $450,000.

Pres. Philip Cabot
111 Devonshire St., Boston
V. Pres. Jos. W. Stevens.......Greenfield
Treas. L. E. Flint
111 Devonshire St., Boston
Mgr. & Cont. Agt.
Geo. W. Lawrence...........Greenfield
*¶Supt. John N. Lyman ....Easthampton
Ch. Engr. C. F. Mosher........Greenfield
Engr. Pwr. Sta. E W. Forbush..Mt. Tom

2 a. c. West. tot. 3500 kw. 4400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys: 198 hp. e. Watertn. Harrisburg; 2085 hp. b. Heine, Allen: 3300 kw. stm. turb. West.: also purchases energy from Turners Falls Pwr. & Elec. Co.; 6 transf. G.E. tot. 6000 kw.

City cont. 341 Tung. 60 c. p. $23 per yr; all nt; coal $4.35. (Co. also lts. Southampton.)

D L S 1 3 ★125

**EAST LONG MEADOW,** 1,553—Central Mass. Elec. Co. See Palmer.

**EAST PEPPERELL**—Nashua River Paper Corp.

*Pres. G. T. Keyes............E. Pepperell

2 a. c. West. tot 70 kw. 1100-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 250 hp. e. Cpr. Cor; 1500 hp. b.

Co. sells energy to Town of E. Pepperell, which owns distributing system; also lts. Pepperell.

L S 1 74

**EAST WEYMOUTH,** 3,200 — Weymouth Lt. & Pwr. Co. Controlled by C. D. Parker & Co., Inc.

Pres. J. Q. Bennett.............Cambridge
V. Pres. A. H. Wellman...........Boston
Sec. E. C. Mason............... Bedford
Treas. C. R. Adams............Brookline
Mgr. Geo W. Perry......East Weymouth
Audr. C. S. Stanwood.............Boston
*¶Supt. A. T. Appleton..East Weymouth
Ch. Engr. H. G. Young.. "

5 a.c. G. E. tot. 750 kw. 3400 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110-125 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys: 1750 kw. stm. turb. G. E. West; 1000 hp. e. Slater, Ridg., McE: 400 hp. turb. (wtr.) Hunt: 12 0 hp. b. Bab. & W.

City cont 700 Mazdas "C" 32 c. p. $15.45 per yr: 20 Mazdas 200 c. p. $52 per yr; 3 orna 2-lt. posts 200 c. p. $75 per yr: moonlt: coal $4.80. (Energy sold in bulk to towns of Hingham and Hull; also to Randolph & Holbrook Elec. Co., the Atlantic Park Co., and the U. S. Naval Magazine.)

D L S W 1 3 ★16

**EDGARTOWN,** 1,191—Vineyard Ltg. Co. See Oak Bluffs.

City cont. 54 series incs. $16.80 per yr.; moonlt. all nt.

L 125

**ERVING,** 1,148—Athol Gas & Elec. Co. See Athol.

**ESSEX,** 1,621—Gloucester Elec. Co. See Gloucester.

**EVERETT,** 33,484 — Malden* Elec. Co. See Malden.

a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys.

City cont. 206 series Tung. 200 c. p. 5 5 amp $44.75 per yr: mdnt: 27 series Tung. 200 c. p. 5 5 amp. $61.18 per yr; all nt; 679 incs 60 c. p. $14.53 yer yr; 1.30 A. M.

D L 3 125

**FAIRHAVEN,** 5,122 — New Bedford Gas & Edison Lt. Co. See New Bedford.

**FALL RIVER,** 119,295—Fall River Elec. Lt. Co., 85 North Main St. (Consol. of Edison Elec. Illg. Co., Fall River & Fall River Elec. Lt. Co.); cap. $1,200,000; no bds.

Pres. Albert F. Dow
14 Bedford St., Fall River
V. Pres. Philip Cabot.............Boston
*Clerk & Treas. Owen Durfee..Fall River
Gen. Mgr. A. H. Kimball...... "
¶ Pur. Agt.
Herbert H. Hargreaves...... "
Cont. Agt. A. C. Gray......... "
Ch. Engr. E F. Gorham...... "
Elec. Engr. Howard A Stanley "

4 a. c G. E. tot. 13.000 kw. 4000-2300 v. 3 ph. 60 cys; 2 rect. G. E, tot. 1750 lt; 7 mo. gen sets G. E. 1050 kw. 140 v. d. c; a. c. day & nt ltg. cir. 115 v.; a. c. day & nt. mo. cir. 550-220 v. s. & 3 ph; d. c. ltg. & mo cir. 220-115 v; 13,000 kva turb. (stm.) G E. Curtis; 2800 hp. b. Bab & W.

City cont. 830 susp. magn. arcs 4 amp. $80 30 per yr. all nt; 120 orna. inv. magn. arcs 4 amp; 235 incs 60 cp. $25 per yr. all nt: 20 orna. inv magn. arcs. 6 6 amp. $109.50 per yr. all nt. and 76 orna. inv. magn arcs $87.60 per yr. midnt. (16 cts. per lamp per nt pd. by city and 8 cts. per lamp per nt. pd. by Merchants Ass'n.) Coal $3.60. (Co. also lts. Somerset, Freetown, Dighton, Westport and Swansea, and sells energy to Tiverton (R. I.) Elec. Lt. Co. Interchange of energy with the Narragansett Elec. Ltg. Co.)

C D L S 1 3 ★115

**FALMOUTH,** 3,144 — Buzzards Bay Elec. Co.

Pres. Dr. Asa I. Patten........Falmouth
Treas & Gen. Mgr.
Chas. H. Carpenter............Newton

*Supt. H. H. Taylor............Falmouth
Engrs. Pwr. Sta. { C. C. Shaw.......... "
J. W. Hanley....... "
2 a. c. Westg, G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; 680 hp. e. Am, Ball; 400 hp. b. Robb. M.
City cont. 491 incs. $16.80 per yr. (Co. also lts. Barnstable, Hyannis, Bourne and Sandwich.)
L S 3 125

**FISKDALE,** 1,029—Webster & Southbridge Gas & Elec. Co. See Webster.

**FITCHBURG,** 37,826—Fitchburg Gas & Elec. Lt. Co. Office 537 Main St.; cap. $876,700; no bds.
Pres. A. B. Tenney,
201 Devonshire St., Boston
V. Prests. { D. E. Manson " " "
H. T. Sands " " "
Clerk, Horace P. Wood " " "
Treas. E. A. Bradley... " " "
Audr. H. A. Gidney... " " "
*Local Mgr. C. R. Hayes........Fitchburg
¶ Pur. Agt. F. P. Mooney..........Boston
Supt. G. W. Stiles ..............Fitchburg
Engr. Pwr. Sta. H. L. Battles.. "
5 a. c. G. E. West. tot. 5425 kva. 2300-6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 575 v; 3100 hp. e. McI. & S; 2250 hp. b. Stir; 500 hp. wtr. wh. Pelton; 3125 kva. turb. (stm) West; interchange of energy from time to time with Conn. River Trans. Co., trans. volt. 6600 v; 3 transf. West. tot. 1500 kw.
City cont. 303 arcs G. E. 430 w. 6.6 amp. $86.40 per yr; 1033 tung. 50 w. $18.72 per yr; all nt; coal, $4.68, coke $4.48 long ton. (Also lts. Townsend and Ashby.)
D L S W 3 ✠ 16

**FLORENCE,** 2,789—Northampton Elec. Ltg. Co. See Northampton.

**FOXBORO,** 3,863—Union Lt. & Pwr. Co. See Franklin.

**FRAMINGHAM,** 12,984—The Edison Elec. Illg. Co. of Boston. See Boston.

**FRANKLIN,** 5,641—Union Lt. & Pwr. Co. (Controlled by Central Mass. Lt. & Pwr. Co.); cap. $153,800; no bds.
Pres. E. P. Rowell..............Plymouth
V. Pres. Chauncey D. Parker.....Boston
Sec. Ed. C. Mason...............Bedford
Treas. Chas. R. Adams............Boston
* Mgr. & Cont. Agt.
P. H. Clarke...................Franklin
Supt. Ovhd. Const. E. D. Metcalf, Foxboro
Energy purchased from Blackstone Valley Gas & Elec. Co.: 18 transf. Pittsburg, G. E. tot. 1530 kw; 1 a.c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,800 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550-220 v. s. & 3 ph. 60 cys; 275 hp. e. A. & S; 150 hp. b. Heine.
City cont. 615 tung. 32, 40, 50 & 75 c. p. $17 per yr; moonlt. 2 A.M. (Co. also lts. Bellingham, Wrentham, Plainville and Foxboro and sells in bulk to towns of No. Attleboro and Mansfield.)
D L S 1 3 ✠ ★16

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The Edison Elec. Illg. Co. of Boston. See Boston.

**FREETOWN,** 1,471—Fall River Elec. Lt. Co. See Fall River.

**GARDNER,** 16,600—Gardner Elec. Lt. Co. (Under management of Chace & Harriman, Inc., Boston). Office, 301 Central St.; cap. $282,600.
Pres. T. B. Dunn.................Gardner
V. Pres. M. G. Chase....Providence, R. I.
Sec. Richard Y. Fitz Gerald,
50 Congress St., Boston
Treas. F. S. Whittemore..........Gardner
*Mgr. H. F. Locke ............... "
Engrs. Pwr. Sta. { A. H. Burns.......... "
A. Thayer............ "
2 a.c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-600 v. 3 ph. 60 cys; 675 hp. e. Diesel (oil); also buys energy from Conn. River Trans. Co. 8 transf. G. E. West. tot. 2400 kw.
City cont. 565 tung. 75 w. 60 c. p. $20.50 per yr; all nt; oil 5½ cts. (Co. also lts. Westminster, Hubbardston, Barre and Rutland; sells energy in bulk to towns of Princeton, Templeton and Ashburnham).
D G L 3 ★125

**GEORGETOWN,** 1,958—Haverhill Elec. Co. See Haverhill.

**GLOUCESTER,** 24,398 — Gloucester Elec. Co. Office, 26 Vincent St.; cap. outstg. $245,000; bds. $48,000.
Pres. Wm. H. Jordan ........Gloucester
V. Pres. F. A. Barker......... "
Sec. & Treas. Robert C. Morse....Boston
¶ Mgr., Cont. Agt. & Supt.
E. L. Munger..................Gloucester
*Asst. Supt. Walter L. Brown, Jr. "
4 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 220 v; 1000 hp. e. Allis-C, Cooper; 500 kw. turb. (stm.) G. E; 1000 hp. b. Bab. & W.
City cont. 100 arcs series a. c. 400 w. $78 per yr; 800 tung. 32 c. p. $15 per yr; dark hours; coal $4. (Co. also lts. Rockport and Essex.)
D L S 3 ★115w

**GRAFTON,** 5,705—Worcester Suburban Elec. Co. See Uxbridge.
Energy from Uxbridge; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 807 Mazdas 32 c. p. $15 per yr; moonlt. 1 A.M. & 5 A.M. to daylt.
D L 3 125

**GREAT BARRINGTON,** 5,926—Great Barrington Elec. Lt. Co; cap. $125,000.
Pres. Frank Curtiss..............Sheffield
V. Pres. Treas. & Mgr. P. A. Russell
Great Barrington
Sec. F. H. Wright...... "
*¶ Supt. & Ch. Elecn.
H. Clyde Parrish..... "
Engr. Pwr. Sta. Robt. N. Parrish "
2 a.c. G. E, Stan. tot. 400 kva. 2200-110 v. 2 ph. 60 cys: a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo cir. 220-110-v. s. & 2 ph. 60 cys; 150 hp. e. St. Line: 339 hp. turb. Hol; 150 hp. b. Dillon: energy also purchased from Monument Mills Hydro Elec. Plant.
City cont. 275 Mazdas 50 w. $18.50 per yr; 6 flame carbon arcs $70 per yr; mdnt: coal $5. (Co. also lts. Housatonic, Egremont and Sheffield.)
D L S W 1 2 125

**GREENFIELD,** 10,427 — Greenfield Elec. Lt. & Pwr. Co. Office, Greenfield; gen. stas. at Greenfield (steam & hydro-elec.) and Shelburne Falls (hydro-elec.); cap. outstg $1,000,000; bds. $100,000.
Pres. J. W. Stevens............Greenfield
V. Pres. Philip Cabot
111 Devonshire St., Boston
¶ Pur. Agts. { Sec., F. Leslie Foss....Greenfield
A. R. Jones............ "
*Treas. & Gen. Mgr.
Geo. W. Lawrence........... "
Asst. Treas. & Office Mgr.
S. E. Hewitt.................. "
Asst. Mgr. & Cont. Agt.
H. S. Riddell.................. "
Ch. Engr. F. L. Hunt .......... "
Supt. Distrbn. H. D. Seavey.... "
Supt. of Sta.
Chas. F. Mosher.........Montague City
Engr. Pwr. Sta. R. B. Kinsman..Greenfield
Pwr. stas. equip: 7 a. c. G. E. tot. 5740 kw. 2300 v. 3 ph. 60 cys; 3 rect. G. E. tot.

150 lt; a. c. day & nt. ltg. cir. 112 v: a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys; 3000 kw. turb. (stm ) G. E; 2600 hp. b. Stir, Porcupine; 4100 hp. wtr. wh. Smith S. & B; physical connection with Turners Falls Pwr. & Elec. Co. for interchange of energy; 2 transf. G. E. tot. 3000 kva; 3 rot. conv. G. E. West. tot. 800 kw; 1 mo.-gen. G. E. 300 kw.

City cont. 88 lumn. d. c. arcs 320 w. $78 per yr; 200 series Mazdas 75 w. $22 per yr; all nt; coal $4.40. (Co. also lts. Shelburne, Shelburne Falls, Colerain. Buckland, Ashfield, Bernardston, Northfield, Deerfield and S. Deerfield.)

D L S W 3 ✠ ★125

**GROTON,** 2,155 — Munic. Elec. Ltg. System.

Comrs. F. F. Waters............Groton
M. P. Swallow (Mgr.) .. "
Fred Carpenter......... "
*Supt. Walter H. Dodge......... "

Energy purchased from Conn. River Transmission Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

230 city Mazdas 50 w; moonlt. midnt. (Also lts. W. Groton).

D L 1 3 25

**GROVELAND,** 2,253—Munic. Elec. Ltg. System; cost $17,000.

Chm. Ned A. Pike.............Groveland
Sec. A. G. Twombly........... "
*¶Mgr. & Supt. Chas. H. Pike "

Purchases current from Haverhill Elec. Co.; a. c. day cir.

270 city Mazda street series 60 c. p.

D L X ✠ 125

**HADLEY,** 1,999—Amherst Gas Co. See Amherst.

City cont. 98 series incs. $25 per yr. all nt.

L 16

**HAMILTON,** 1,749 — Beverly Gas & Elec Co. See Beverly.

City cont. 223 Tung. 50 w. $21.25 per yr. 1 A. M.

L 125

**HANOVER.** 2,326—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See North Abington.

City cont. 56 mult. Tung. 40 w. $16 per yr; moonlt.

L 16

**HANSON,** 1,854—Edison Elec. Illg. Co. of Brockton. See Brockton.

**HARDWICK,** 3,524—Ware Elec. Co. See Ware.

**HARVARD,** 1,034—Ayer Elec. Lt. Co. See Ayer.

**HATFIELD,** 1,986—Amherst Gas Co See Amherst.

City cont. 1 series inc. 200 c. p. $45 per yr. 1 A. M: 226 series incs. $60 c. p. $15.50 per yr. mdnt.

L 16

**HAVERHILL,** 47,000—Haverhill Elec. Co.; cap. outstg. $760,600; bds. $85,000.

Chmn. Bd. Charles H. Tenney
201 Devonshire St., Boston
Pres. A. B. Tenney...... " "
V. Prests. D. E. Manson " "
H. T. Sands. " "
Sec. H. P. Wood ........ " "
Treas. E. A. Bradley .... " "
Gen. Mgrs. C. H. Tenney & Co. " "
Audr. H. A. Gidney...... " "
Mgr. F. L. Ball....................Haverhill
Cont. Agts. T. D. Bond...... "
F. F. Hall....... "
¶ Pur. Agt. F. P. Mooney..........Boston
*Supt. J. E. Frank...............Haverhill
Engr. Pwr. Sta. Wm. O. Regan.. "
Elecl. Engr. F. C. Sargent ..........Boston

4 a. c. G. E. tot. 1950 kw 2300 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 550 v. s. & 3 ph. 60 cys; 6750 hp. turb. (stm.) West: 500 hp. e. Harris; 2575 hp. b. A. & T, Sterling, Hornsby-Bigelow.

City cont. 242 arcs a. c. lumn. 2.5 amp. & 6.6 amp. $86 40, $90 & $122 50 per yr; 312 tung. 40 c. p. $27.50 & $18.72 per yr; mdnt. all nt; coal $4.58. (Also lts. Bradford and Georgetown and sells energy to Groveland and Plaistow, N. H.)

D L S 1 3 ✠ 125

**HINGHAM,** 4,965—Munic. Elec. Lt. Plant.

Bd. of Comrs. A. M. Kimball.......Hingham
Edmund R. Grovener "
Jno. S. Bridges, Jr.... "
*¶Mgr. Fred. A. Atkins........ "
Audr. Hollis H. Sawyer............Boston

Energy purchased from Weymouth Lt. & Pwr. Co.; 117 transf. G. E. tot. 639 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-110-220 v. s. & 3 ph. 60 cys.

600 city nitrogen lamps 60 c. p. $10.85 per yr; 11 nitrogen lamps 400 c. p. $75.95 per yr; moonlt.

D L 1 3 ✠ 125

**HINSDALE,** 1,116—Pittsfield Elec. Co. See Pittsfield.

**HOLBROOK,** 2,816—Randolph & Holbrook Elec. Co. See Randolph.

**HOLDEN,** 2,147 — Connecticut River Trans. Co. See Worcester.

**HOLLISTON,** 2,711—The Edison Elec. Illg. Co. of Boston. See Boston.

**HOLYOKE,** 57,730—Munic. Gas & Elec. Lt. Plant; cost $380,469. bds. $1,061,000.

Mgr. John J. Kirkpatrick.......Holyoke
*Supt. A. W. Darby................ "
Engr. Pwr. Sta. W. H. Shaw .... "

2 a. c. G. E. tot. 700 kw. 2300 v. 3 ph. 60 cys: a.c. day & nt ltg. cir. 110 v; a.c day & nt. mo. cir. 110-220-550 v. s. & 3 ph; 1040 hp. turb. (wtr.) Hol; 10,250 hp. steam turb. G. E, West: 3200 hp. b. Bab. & W.

342 a. c. series city arcs 6.6 amp. $45 per yr; 125 lumn. arcs 6.6 amp. $75 per yr; 405 incs. "C" 100 c. p. $11 25 per yr: 75 incs. "C" 250 c. p. $22 50 per yr; all nt; coal $4.20. (Sells energy in bulk to Town of South Hadley.)

D L S W 3 125

Holyoke Water Power Co.

Pres. Chas. E. Gross....Hartford, Conn.
V. Pres. L. Clark Seelye....Northampton
Treas., Clerk & Mgr. Wallace E. Sawin
Holyoke
Asst. Treas. Albert F. Sickman "
*¶Mgr. Stm. & Elec. Dept.
B. F. Simmons.................. "

4 a. c. G. E. tot. 2700 kw. 2300 v. 3 ph. 60 cys; 18 transf. G. E. tot. 1665 kw; a. c. pwr. cir. 550 v. 3 ph. 60 cys; 1500 kw. turb. G. E: 2000 hp. wtr. whl. Jolly; 600 hp. b. Hol; trans. 6600 2300 v. 3 ph. 60 cys.

Coal $4 58.

S T W 3 125

**HOPEDALE,** 2,188—Milford Elec. Lt. & Pwr Co. See Milford.

City cont. 164 inc. 25 c. p. $22.50 per yr.

L 25

**HOPKINTON,** 2,452 — Edison Elec. Illg. Co. of Boston. See Boston.

**HOUSATONIC,** 1,200—Great Barrington Elec. Lt. Co. See Great Barrington.

Monument Mills Hydro-Electric Plant; cap. $500,000.

Pres. Chas. B. Church........Housatonic
V. Pres. F. H. Wright........ "
Sec. J. S. Fuller ............... "
Treas. J. H. C. Church....... "
Agt. T. Ellis Ramsdell........ "
*Elecl. Engr. T. S. Ramsdell.. "

5 a. c. G. E. Stan. tot. 2065 kw. 2400-120 v. 2 ph. 60 cys; a. c. day ltg. cir. 110 v. 60 cys; a. c. mo. cir. 550-440-220 v. 2 & 3 ph. 60 cys; 2240 hp. turb. (wtr.) Hol, Jolly, Smith; 500 kw. stm. turb. G. E; 500 hp. b. Big; 6 transf. 1100 kw. G. E, West.

(Co. operates 2 hydro-elec. plants and supplies energy to Great Barrington Elec. Lt. Co. and Stockbridge Ltg. Co.)

D N S W 2 3 125

**HUBBARDSTON,** 1,073—Gardner Elec. Lt. Co. See Gardner.

**HUDSON,** 6,743—Munic. Elec. Lt. & Pwr. Plant; cost $65,000; notes & bds. $27,800.
*¶Mgr. & Supt. Geo. A. Brothers..Hudson
Engr. Pwr. Sta. Chas. S. Wood... "

3 a. c. G. E. tot. 600 kw. 1100-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 550 v. s. & 3 ph. 60 cys; 620 hp. e. Brown & H. M; 600 hp. b. Dillon; 300 hp. stm. turb. G. E, Curtis.

2 city arcs flame G. E. 3500 c. p; 435 Mazdas 40-60 c. p; coal $4.90. (Also lts. Stow.)

D L S 1 3 ✠ 125

**HULL,** 2,103—Munic. Elec. Lt. Dept. Office, Nantasket Beach; cost $222,521.
*¶Supt. A. F. Pope.....Nantasket Beach
Ch. Engr. W. E. Clay... "

4 a. c. Allis-C, Ft. W, Triumph, Stanley tot. 864 kva. 2200 v. s. & 3 ph. 60 & 133 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 1000 hp. e. Fitch, Ball; 515 hp. b. Sterling, Heine. Energy purchased from Weymouth Lt. & Pwr. Co., 3 transf. West. tot. 90 kw.

654 city Mazdas 40 c. p; 13 type "C" Mazdas 400 c. p; 1 A. M; soft coal & screenings $5 & $2.50 per short ton.

D L S 1 3 ★36

**HUNTINGTON,** 1,473 — Huntington Elec. Lt. Co.; cap. $5,000; no bds.
Pres. H. E. Stanton..........Huntington
Sec. L. W. Stanton .......... "
Treas. E. A. Stanton ........ "
*Supt. E. E. Stanton......... "
Engr. Pwr. Sta. Alex. Plankey "

1 d. c. Bernard 45 kw. 250 v; 100 hp. e. Fitch; 40 hp. turb. (wtr.) Chase; 125 hp. b. Stewart.

City cont. 1 Mazda 500 w. $70 yer yr; 34 Mazdas 40 w. $15 per yr; 12 P. M. & 5 A. M. to daylt; wood, sawdust.

C L S W ✠ 125

**HYANNIS,** 1,393—Buzzards Bay Elec. Co. See Falmouth.

**HYDE PARK,** 15,507—The Edison Elec. Illg. Co. of Boston. See Boston.

**IPSWICH,** 5,777 — Munic. Elec. Lt Plant
*Mgr. Geo. A. Schofield..........Ipswich

747 incs. 12 cts. per kw. (Sell energy to Rowley Munic. Plant.)

L 29†

**KINGSTON** 2,445 –Plymouth Elec. Lt. Co. See Plymouth.

**LAKE PLEASANT,**—Franklin Elec. Lt. Co. See Franklin.

City cont. 13 incs. 48 c. p. $25 per yr.

L 16

**LANCASTER,** 2,461—Clinton Gas Lt. Co. See Clinton.

**LAWRENCE,** 85,892 — Lawrence Gas Co. Office, 370 Essex St.; cap. outstg. $1,900,000; bds. outstg. $300,000, 4 p. c. int.
Pres. N. H. Emmons.............Boston
*¶V. Pres. & Mgr.
C. J. R. Humphreys..........Lawrence
Treas. R. W. Emmons, 2nd.... "

450 arc Am; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d.c. day & nt. mo. cir. 110-220 v; 2000 hp. e. A. & S; 1700 hp. turb. (wtr.); 137 kw. stor. bat. E. S. B.

City cont. 593 arcs 1200 & 2000 c. p. $78 & $87 per yr; all nt; coal. (Co. also lts. Methuen, Andover, No. Andover and Boxford.)

C D L S W X ✠ 25

**LEE,** 4,106—Lee Elec. Co.; cap. auth. & pd. in $30,000, 5 p. c. div; bds. auth. $30,000, outstg. $30,000, 5 p. c. int.
Pres B. T. Gale....... .............Lee
¶ Sec., Treas. & Mgr. Carl Wurtzbach "
*Supt. W. F. Dillon ................ "
Ch. Engr. E. A. Houston.............. "

3 a. c. G. E, West. Ft. W. tot. 410 kw. 1100 v. s. ph. 60 cys; 325 hp. e. McI. & S, B. & W; 145 hp. turb. Trump; 350 hp. b. Dillon; 300 kw. (wtr.); also purchases power from the Stockbridge Ltg. Co.

City cont. 262 incs. 32 c. p. $18 per yr; all nt; coal $4.

L S W 1 94E

**LEEDS,** 1,464–Northampton Elec. Ltg. Co. See Northampton.

**LEICESTER,** 3,237—Worcester Elec. Lt. Co. See Worcester.
Supt. O. W. Watson............Leicester

City cont. 220 incs. 40 c. p. $16 per yr; moonlt.

L 125

**LENOX,** 3,060—Lenox Elec. Co.; cap. $40,000.
Pres. M. A. Brown.................Lenox
Sec. Wm. Clifford..................... "
*¶Treas. & Mgr. I. J. Newton..... "
Ch. Engr. B. H Rogers............ "

Purchases energy from Stockbridge Ltg. Co; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

City cont. 125 Mazdas 40 c. p. $33 per yr; all nt.

D L I 125

**LEOMINSTER,** 17,580 — Leominster Elec. Lt. & Pwr. Co.: cap. auth. & pd. in $80,000; bds. $70,000. (Mass. Ltg. Cos. owns majority of capital stock.)
Gen. Mgr. Guy K. Dustin,
77 Franklin St., Boston
Local Mgr. J. J. Matthias....Leominster
Engr. Pwr. Sta.
A. H. Harrington........... "

4 a. c. Allis C, Bull. tot. 1075 kw. 2200 v. 3 ph. 60 cys: 3 tub. transf. 90 kw; 8400 incs; a. c. day cir. 110 v; 750 hp. e. McI. & S, A. & S; 500 kw. stm. turb. Allis C; 900 hp. b Dillon.

City cont. 727 Tung. 50 w. $15 1 A. M; 94 tung. 75 w. $18; 24 & 57 Tung. 100 w. $28.50; all nt; coal.

D L S 3 ✠ 45w

**LEXINGTON,** 4,918—The Edison Elec. Illg. Co. of Boston. See Boston.

**LINCOLN,** 1,175—The Edison Elec. Illg. Co. of Boston. See Boston.

**LITTLETON,** 1,229—Lowell Elec. Lt. Corpn. See Lowell.

**LONGMEADOW,** 1,084- United Elec. Lt. Co. See Springfield.

**LOWELL,** 106,294—The Lowell Elec. Lt. Corp; cap. $1,176,400; no bds.

Pres. A. Stuart Pratt., 147 Milk St., Boston
Clerk, W. T. Crawford............ "
Treas. Henry B. Sawyer............ "
Gen. Mgrs. Stone & Webster
Mgt. Assn......................... "
Mgr. John A. Hunnewell..........Lowell

5 d. c. G. E. 550 v.; 5 a. c. G. E. tot. 4950 kw. 2200-109 v. 3 ph. 60 cys; a. c. day cir. 2200 v; d. c. pwr. cir. 550 v; 4500 hp. e. G. E; 2500 hp. b. G. E; tot. capacity of plant 4950 kw.

City cont. 535 arcs 4000 c.p. $100 per yr; 600 incs. 25 & 40 c. p. $18 to $22.50 per yr. 129 com. arcs, ——— com. incs; all nt; coal $5. (Co. serves Chelmsford, Collinsville, Littleton, Billerica, No. Chelmsford, Westford, Tewksbury, Tyngsboro and Dracut, and sells power to The Lowell & Fitchburg St. Ry. Co. (420 kw.)

C D L S 3 ★26

**LUDLOW,** 6,225—Ludlow Electric Lt. Co., Hubbard St. (Successor to Ludlow Mfg. Associates); cap. outstg. $21,000.
Pres. Philip Cabot
111 Devonshire St, Boston
Treas. Lester E. Flint............Belmont
Mgr. George W. Lawrence.....Greenfield
¶Supt. Robert W. Mitchell......Chicopee

Energy purcnased from Turners Falls Pwr. & Elec. Co; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 550 v. s. & 3 ph. 60 cys.

City cont 185 series incs. 5.5 amp. $18 per yr.

D L 1 3 ✠ ★26

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Central Mass. Elec Co. See Palmer.

**LUNENBURG,** 1,393 — Munic Elec. Lt. Plant.

L 25†

**LYNN,** 89,336—Lynn Gas & Elec. Co.; cap. outstg. $1,625,000.
Pres. John S. Bartlett...............Lynn
V. Pres. Micajah P. Clough......... "
Treas. E. B. Fraser ................. "
*Gen. Mgr. H. K. Morrison......... "

7 a. c. G. E. tot. 10,650 kw. 2300 v. 3 ph. 60 cys; 14 rect. G. E. tot. 359 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 550 v. 3 ph. 60 cys; 3700 hp. e. Allis-C: 8500 kw. stm. turb. G. E; 3900 hp. b. Bab. & W.

City cont. 327 magn. arcs 4 amp. 320 w. $82.40 per yr. all nt: 34 orna. magn. arcs 6 6 amp. 515 w. $82.40 per yr. all nt; 119 orna. magn. arcs 6.6 amp. 515 w. $70 per yr. mdnt; 1504 Mazdas 5.5 amp. 60 c. p. $15 per yr. all nt; coal $3.50. (Co. also lts. Nahant, Saugus and Swampscott).

D L S 3 ★85

**MALDEN,** 44,404—Malden Elec. Co.; cap. $732,000; bds. $100,000.
Pres. A. B. Tenney...........Springfield
1st V. Pres. D. E. Manson......Brookline
2d V. Pres. H. T. Sands............Boston
Treas. E. A. Bradley............... "
Asst. Treas & Audr.
H. A. Gidney ..................... "
Clerk H. P. Wood ................. "
Gen. Mgrs. Chas. H. Tenney & Co. "
¶Pur. Agt. F. P. Mooney.......... "
Gen. Supt. A E. Bliss.............Malden
*Mgr. J. T. Day..................... "
Engr. Pwr. Sta. A. E. Trodo....... "

4 a. c. G. E. tot. 3400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day mo. cir. 550 v. 3 ph. & 110 v. s. ph. 60 cys; 2475 hp. e. Prov; 1910 hp. b. A. & T; 1500 kw. turb.

City cont. 128 arcs 2000 c. p. $85 per yr; 1246 G. E. series tung. 40 c. p. $18 per yr; mdnt; all nt; coal $4.60. (Co. serves Malden Melrose, Medford, Linden, Maplewood, So. Medford, W. Medford, Wellington, Melrose Highlands, Everett and Wyoming.)

D L S 1 3 ✠ ★125

**MANCHAUG,** 1,550—Worcester Suburban Elec. Co. See Uxbridge.

**MANCHESTER,** 2,673 — Manchester Elec. Co.; cap. $205,800.
Pres. O. T. Roberts...........Manchester
V. Pres. C. F. Bancroft
84 State St., Boston
Sec. R. C. Allen..............Manchester
Treas. C. R. Rockwell
84 State St., Boston
*¶Mgr. & Cont. Agt.
T. A. Lees.................Manchester

Energy purchased; 3 G. E. transf. 75 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

D L 1 3 ★36

**MANSFIELD,** 5,183—Munic. Lighting Plant; cost $132,310.25; bds. $89,500.
Treas. J. A. Wheeler...........Mansfield
*¶Mgr. & Ch. Elecn. Geo. W. Wood
Mansfield
Ch. Engr. Chas. Brunell........ "

4 a. c. Ft. W, Stan. tot. 500 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 680 hp. e. (oil) Am. Diesel, Busch. Also purchases energy from Union Lt. & Pwr. Co; 2 transf. G. E. tot. 150 kw.

421 city Mazdas. 40 & 250 w. $12 & $75 per yr; all nt; oil 4.8 cts. per gal.

D G L 1 2 ✠ 125

**MARBLEHEAD,** 7,338—Munic. Elec. Lt. Plant; cost $165,000; bds. $74,000.
Chmn. J. E. Price............Marblehead
*¶Supt. Cont. Agt. & Mgr.
Robt. W. Casey.............. "
Engr. Pwr. Sta. A. B. Clapp... "

4 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 400 hp. e. R. & S; 600 hp. b. Roberts; 200 kw. stm. turb. G. E.

160 city arcs lumn. 4 amp; 266 incs. 60 c. p. 75 w; all nt; coal $4.

D L S 1 3 125

**MARION,** 1,460—Marion Gas Co.; cap. $26,000; no bds.
Pres. John C Makepeace.......Wareham
Mgr. & Ch. Engr.
Benj. E. Waters.....................Marion
*¶Sec. & Treas. Alger W. Rice.... "

1 a. c. G. E. 100 kw. 2300 110 v. 3 ph. 60 cys; 100 kw. turb. (stm.) G. E.

City cont. 206 incs. 50 & 75 w. $18 & $21 per yr; moonlt. (Co. also lts. Onset and Bourne.)

L S 3 22

**MARLBORO,** 14,579—Marlboro Elec. Co. Office, 250 Main St. (Leases Westborough Gas & Elec. Co.); cap. outstg. $327,500; notes $116,763.
Pres. Josiah Q. Bennett.......Cambridge
V. Pres. E. G. Loomis .15 State St., Boston
Sec. Edw. C. Mason
78 Devonshire St., Boston
Treas. Paul B. Webber
78 Devonshire St., Boston
Gen. Supt. Chester A. Davis....Marlboro
Audr. C. E. Stanwood
78 Devonshire St., Boston
¶ Pur. Agt. M. B. Webber
78 Devonshire St., Boston
*Cont. Agt. C. A. Davis.........Marlboro
Engr. Pwr. Sta. A. C. Jefts..... "

5 a. c. G. E. tot. 1100 kw. 2300 v. 3 ph. 60 cys: a. c. day & nt ltg. cir 112 v; a.c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 1761 hp. e. Allis C., A. & S, H. & P; 835 hp. b. Cun.h. Bab. & W; energy also purchased from Connecticut River Transmission Co.; 7 transf. West. tot. 1100 kw.

City cont. 270 Mazdas 60 c. p. $17.50 per yr; 489 Mazdas 40 c. p. $17.50 per yr; 1 A. M; coal $5. (Co. also lts. Southboro, Berlin, Bolton and Northboro, and sells

energy in bulk to town of Shrewsbury and Westboro Gas & Elec. Co.)
D L S 1 3 ✢ 26

**MARSHFIELD**, 1,738—Plymouth Elec. Lt. Co. See Plymouth.

**MATTAPOISETT**, 1,233—New Bedford Gas & Edison Lt. Co. See New Bedford.

**MAYNARD**, 6,390—American Woolen Co.
*Supt. S. R. Kitchen............Maynard
Co. also lts. Acton and So. Royalston, Mass., and Enfield, N. H.
L 63†

**MEDFIELD**, 3,466—The Edison Elec. Illg. Co. of Boston. See Boston.

**MEDFORD**, 23,300—Malden Elec. Co. See Malden.
City cont. 717 incs. 60 c. p. $15 per yr. all nt; 195½ incs. series 5.5 amp. 200 c. p. $13.80 per yr. mdnt; 17 incs. series 5.5 amp. 200 c. p. $60 per yr. all nt.
L 125

**MEDWAY**, 2,696—The Edison Elec. Illg. Co. of Boston. See Boston.

**MELROSE**, 16,000 — Malden Elec. Co. See Malden.
City cont. 708 incs. 60 c. p. $18 per yr; 52 incs. series 200 c. p. 5.5 amp. $60 per yr; 14 magn arcs 4.4 amp. $110.50 per yr; all nt; 18 magn. arcs 4.4 amp. $80.75 per yr. mdnt
L 125

**MELROSE HIGHLANDS**, 4,000—Malden Elec. Co. See Malden.

**MERRIMAC**, 2,202—Munic. Electric Lt. Plant; cost $32,111.47; bds. and notes $8,400.
*¶Mgr. & Ch. Elecn. W. A. Bailey, Merrimac
Engr. Pwr. Sta. Geo. G. Hall.... "
2 a. c. West. tot. 272 kw. 2200 v. 2 ph. 60 cys; 1522 incs; a. c. day cir. 220-110 v; 272 hp. e. Ridge; 317 hp. b. Scannell.
25 city incs. 16 c. p; 354 incs. 40 w; 4 incs. 60 w; 7 incs. 100 w; 1 A. M; coal $4 50.
D L S 2 125

**METHUEN**, 11,448—Lawrence Gas Co. See Lawrence.
City cont. 353 tung. 40 c. p. $16 per yr.
L 25

**MIDDLEBORO**, 8,214 — Munic. Gas & Elec. Plant. Address P. O. Box 202; cost $75,000; bds. $34,500.
Treas. A. A. Thomas..Box 93, Middleboro
*¶Gen. Mgr. & Supt.
George A. Philbrook.Box 202, "
Audr. W. W. Brackett.......... "
Engr. Pwr. Sta. Geo. K. Westgate "
2 a. c. G. E. tot. 350 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 104 v; a.c. day & nt. mo. cir. 220 v; 300 hp. e. (gas) West.; 300 hp. gas pro. West; 150 hp. turb. (wtr.) Hol; 25 hp. b. Erie City.
22 city arcs 550 w; 256 tung. (6-250 w, 250-50 w); mdnt. all nt; coal $5.15.
D G L W 3 25

**MIDDLETON**, 1,129—*Middleton Elec. Lt. Co.; cap. $4,500.
¶Mgr. & Cont. Agt.
Maurice E. Tyler............Middleton
Energy from munic. plant at Danvers.
L 44

**MILFORD**, 13,055—Milford Elec. Lt. & Pwr. Co. Office, 77 Franklin St., Boston; cap. $40,000; bds. $40,000. (Massachusetts Ltg. Cos. owns majority of capital stock.)
Pres. Alfred Clarke...............Boston
Sec. & Treas. Geo. F. Howland .. "
Gen. Mgr. Guy K. Dustin.. ...... "
¶ Pur. Agt. H. L. Ogden.......... "
3 a. c. Allis C, G. E. tot. 365 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; mo. cir. 110-220 v. 3 ph. 60 cys; 100 kw. G. E. stm. turb.
City cont. 17 arcs G. E. 1200 c. p. $105 per yr; 134 tung. 40 c. p. $24 per yr; all nt. (Co. also lts. Hopedale.) (Will secure energy from Conn. River Trans. Co. to be used as auxil. service.)
D L S 8 105W

**MILLBURY**, 4,740—Worcester Suburban Elec. Co. See Uxbridge.
Energy from Uxbridge; trans. 11,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 219 Mazdas 32 c. p. $13.50 per yr; 88 Mazdas 60 c. p. $16.50 per yr.
D L 3 125

**MILLERS FALLS**, 900—Franklin Elec. Lt. Co. For officers see Turners Falls.
Power from Turners Falls; trans. 13,200 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir 550 v. 3 ph. 60 cys.
City cont. 96 incs. 6.6 amp. 32 c p. $12.60 per yr; 5 incs. 6.6 amp. 60 c.p. $24 per yr; all nt.
D L 3 ✢ 16

**MILLIS**, 1,399—Edison Elec. Illg. Co. of Boston. See Boston.

**MILLVILLE**, 2,750—Blackstone Elec. Lt. Co. See Blackstone.
a c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph. 60 cys.
D L 1 3 16

**MILTON**, 7,924—The Edison Elec. Illg. Co. of Boston. See Boston.

**MITTINEAGUE**, 2,200 — Housatonic Pwr. Co. See New Haven, Conn.

**MONSON**, 4,758—Central Mass. Elec. Co. See Palmer.

**MONTAGUE**, 6,866—Franklin Elec. Lt. Co. See Turners Falls.
City cont. 36 incs 32 c p. $16.50 per yr.
L 16

**NAHANT**, 1,184—Lynn Gas & Elec. Co. See Lynn.
City cont. 56 magn. arcs 4 amp. 320 w. $72 per yr; 39 Mazdas 4 amp. 60 c. p. $17.50 per yr; dark hrs.
L 85

**NANTUCKET**, 2,962 — Citizens Gas, Elec. & Pwr. Co. of Nantucket. Office, 56 Main St.; cap. outstdg. $26,000; bds. $25,500.
Pres. John S. Granard.........Nantucket
Sec. & Treas. Albert G. Brock. "
*¶Cont. Agt. & Supt.
H. P. Halvorson............. "
Engr. Pwr. Sta. L. A. Royal.... "
4 a.c. G. E. Stan. tot. 110 kw. 1040-110 v. s. ph. 60 cys; no day cir; 114 hp. e. (gas) Westg; 85 hp. e. (stm.) McI. & S; 100 kw. stm. turb; 175 hp. b. Cungh.
City cont. 31 arcs West. 1200 c. p. $72 per yr; 128 series incs 32 c. p. $15 per yr; moonlt; coal $5.20.
G L S 1 ✢ ★125

**NATICK**, 9,866—The Edison Elec. Illg. Co. of Boston. See Boston.

**NEEDHAM**, 5,026—The Edison Elec. Illg. Co. of Boston. See Boston.

**NEW BEDFORD**, 105,000—New Bedford Gas & Edison Lt. Co., 693 Purchase St. (Consol. New Bedford Gas Co., Edison Elec. Illg. Co. and New Bedford Elec. Lt. Co.); cap. stock $1,590,000.
Pres. Oliver Prescott.......New Bedford
V. Pres. Frank H. Gifford.. "
Clerk & Treas. Chas. R. Price "
*Mgr. Wm. H. Snow......... "
Gen. Supt. & Ch. Engr.
David W. Beaman......... "

Engr.Pwr.Sta. R. H. Barber. New Bedford

3 a. c. G. E. West. tot. 9,000 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 110 v; 10 rect. G. E. tot. 725 lts; 4 arc mch. G. E. tot. 400 lts.; trans. volt 22,000 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph 60 cys; 9300 kw. turb. (stm.) G. E. West; 3400 hp. b. Bab. & W.

City cont. 454 arcs enc. 375 c. p. $80 per yr; 48 arcs magn. 450 c. p. $95 per yr; nitro. lamps 100 c.p. & 250 c.p. $44.40 & $18.24 per yr; all nt; coal $3.92. (Sells energy in bulk to Plymouth Elec. Lt. Co.; serves Fairhaven, Mattapoisett, Acushnet, Dartmouth and New Bedford; 22 000 v. trans. line to Wareham. (Contemplates erecting 11,000 v. trans. line to Lakeville.)

C D L S 1 3 ✢ 16

**NEWBURY**, 1,482— Newburyport Gas & Elec. Co. See Newburyport.

**NEWBURYPORT**, 14,949 — Newburyport Gas & Elec. Co. Office, 49 Pleasant St.; cap. auth. $285,000; no bds.

Pres. Phillip Cabot ............... Boston
Treas. L. E Flint......... ....... "
*Supt. C. S. Spaulding... Newburyport

3 d. c. arc G. E. 5 amp. tot. 225 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Rice & Sargent; 500 kw. stm. turb. G. E; 600 hp. b. Bab. & W.

City cont. 176 arcs enc. $87.50 per yr; 49 tung. 40 w. $25 per yr; 1.15 A. M; coal $4.75. (Co. also lts. Newbury; does com. business in West Newbury and will install street ltg. system.)

D L S 3 ★95l

**NEWTON**, 39,806 — The Edison Elec. Illg. Co. of Boston. See Boston.

**NORTH ABINGTON**, 2,200 — The Elec. Lt. & Pwr. Co. of Abington & Rockland. (Co. does entire elec. ltg. & pwr. business in Abington, Rockland Hanover, Norwell, Cohasset and Scituate; pwr. station in No. Abington) cap. $189,000; bds. $25,000.

Pres. A. Stuart Pratt...147 Milk St., Boston
V. Pres. Frederick S. Pratt....... "
Clerk, W. T. Crawford............. "
Treas. Henry B. Sawyer .......... "
Gen. Mgrs. Stone & Webster Mgt. Assn...... ...................... "
Local Mgr. F. N. Sanderson..No. Abington

All energy is purchased from the Edison Elec. Illuminating Co. of Brockton, which operates No. Abington sta. under contract; 3 a. c. G. E. tot. 600 kw. 2200-2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550 v. 3 ph. & 220 v. s. ph. 60 cys; 725 hp. e. Ball, McI. & S; 500 hp. b. Roberts. Kendall.

City cont. (Abington. Rockland, Hanover & Norwell, moonlt. 1 A. M. and 5:30 to daylt. in winter; Cohasset and Scituate moonlt. all nt.); total lamps, 12 arcs, 75 mult. lamps 40 w., 2 mult. lamps 60 w., 363 incs. 32 c. p., 648½ nitro. incs 60 c. p., 7 nitro. incs. 100 c. p., 28 nitro. incs. 250 c. p. and 8 incs. 80 c. p; coal $4.25.

D L S 1 3 ✢ 16

**NORTH ADAMS**, 22,019 — North Adams Gas Lt. Co.; cap. $400,000; no bds. (Mass. Ltg. Cos. owns majority of capital stock.)

Pres. Alfred Clarke.
77 Franklin St., Boston
Sec. & Treas.
Geo. F. Howland..... " "
Gen'l Mgr. Guy K. Dustin " "
¶ Pur. Agt. H. L. Ogden " "
Local Mgr. B. K. Cook.....North Adams
Engr. Pwr. Sta. A. H. Mahy "

7 arc G. E. tot. 475 lts; 3 a. c. turbogen. Allis C. tot 2000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir; 1200 hp. e. Fitch; 1560 hp. b. Haz.

City cont. 231 magn. 4 amp. $80 per yr; 60 tung. 50 w. $25 per yr; all nt; coal $4.32. (Co. also supplies energy to Adams Gas Lt. Co., Williamstown Gas Co., and does ltg. in Clarksburg and Monroe.)

D L S 3 ✢ 25

**NORTHAMPTON**, 19,431—Northampton Elec. Ltg Co. Office, 189 Main St. (Mass. Ltg. Cos. owns majority of capital stock); cap. outstg. $117,400; bds. $78,000.

Pres. Arthur E. Childs
77 Franklin St., Boston
Sec. & Treas. Geo. F. Howland "
*Gen. Mgr. Clifton B. Day "
¶Audr. Gas & Elec. Improvement Co.
77 Franklin St., Boston
Ch. Engr., J. T. Burns......Northampton

2 d. c. G. E. tot. 120 kw. 500 v; 3 a. c. Allis C. tot. 1075 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 1245 hp. e. Bckye; Allis C; 500 hp. turb. (stm.) Allis-C; 600 hp. b. Stearns, Hol.

City cont. 122 arcs 6.6 amp. $68 & $82 per yr; 375 incs. 40 c. p. $17 & $13.50 per yr; all nt. & 12 P. M; coal $4.50. (Co. also lts. Florence, Leeds and Haydenville, and sells in bulk to Mill River Elec. Lt. Co).

C D L S 3 ✢ ★125

**NORTH ANDOVER**, 5,529—Lawrence Gas Co. See Lawrence.

City cont. 268 tung. 40 c. p. $16 per yr.

L 25

**NORTH ATTLEBORO**, 10,420 — Munic. Elec. Lt & Wtr. Plant; cost $485,000 (elec. $166,675, wtr. $318,325); bds. (elec.) $40,200.

*¶ Mgr. & Supt. Wm. Plattner
No. Attleboro

4 a. c. West. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-220 v. s. & 3 ph 60 cys; 1000 hp. e. Fitch, Ham, Cor, Shep; 500 hp. b. Sterling, Heine; also purchases energy from Union Lt. & Pwr. Co; 3 transf. Pittsburg tot. 300 kw; trans 13,200-22,000 v.

675 city incs. "C" 60 c. p. $6.80 per yr; 100 incs. "C" 100 c. p. $8.40 per yr; 1 A.M. and 5.45 A.M. to daylt; 8 incs. 250 c. p. $9.60 per yr. and 1 inc. 500 c.p. $12.20 per yr. all nt; coal $4.70. (Also lts. Attleboro Falls, and Oldtown.)

D L S 1 3 125

**NORTHBORO**, 1,713—Marlboro Elec. Co. See Marlboro.

City cont. 171 Mazdas 50 w. $16 per yr; moonlt; 1 A M.

L 26

**NORTHBRIDGE**, 8,807 — Worcester Suburban Elec. Co. See Uxbridge.

**NORTH BROOKFIELD**, 3,075—Central Mass. Elec. Co. See Palmer.

**NORTH DANA**, 510—North Dana Elec. Lt. Co.

* Owner & Mgr. A. W. Mason...N. Dana
Engr. Pwr. Sta. F. W. Hamilton. "

2 a. c. West. 120 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v. 125 cys; 85 hp. e. Globe; 125 hp. b. Allen; 75 hp. turb. (wtr.) Hol, McC.

City cont. 40 tung. 40 c.p. $15 per yr; moonlt. (Co. also lts. Dana.)

L S W 1 ✢ 25

**NORTH EASTON**, 3,000—Edison Elec. Illg. Co. of Brockton. See Brockton.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-115 v. s & 2 ph. 60 cys.

City cont. 182 tung. 60 c. p. $18.90 per yr; all nt; moonlt.

D L 1 2 125

**NORTHFIELD,** 1,642—Greenfield Elec. Lt. & Pwr. Co. See Greenfield.
Local Repr. C. S. Warner......Northfield
L ★125

**NORTH READING,** 1,059—See Reading.

**NORTH UXBRIDGE,** 1,200—Worcester Suburban Elec. Co. See Uxbridge.

**NORTON,** 2,544—*Norton Elec. Lt. & Pwr. Co.
L 63†

**NORWELL,** 1,410—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See No. Abington.
City cont. 19 mult. Tung. 40 w. $16 per yr; moonlt. 1 A. M.
L 16

**NORWOOD,** 8,014—Munic. Elec. Ltg. System; cost $89.585.93; bds. $27,500.
*¶Mgr. F. S. Barton............Norwood
Purchases energy from The Edison Elec. Illg. Co. of Boston; 6 transf. G.E. tot. 825 kw; a. c. day & nt. ltg. cir. 112 v· a. c. mo. cir. 550 & 220 v. 3 ph. 60 cys.
679 city Mazdas series 60 & 250 c. p; all nt.
D L 3 ✣ 16

**OAK BLUFFS,** 1,084—Vineyard Ltg. Co.: cap. $25,000.
Pres. B. C. Cromwell..............Boston
V. Prests. { A. K. Brown.......... "
Christopher Look..... "
*¶Sec., Treas. & Mgr.
Chas. H. Carpenter.............Newton
Supt. R. D. Colburn...........Oak Bluffs
Engr. Pwr. Sta. R. Coffin...... "
4 a. c. West. G. E. tot. 615 kw. 2300 v 3 ph. 60 cys: 920 hp. e. Ball, McI. & S; 650 hp. b. Roberts, ——.
City cont. 275 incs. series mult. 25 c. p. $16.80 per yr; moonlt; all nt; coal $4.75. (Co. also lts. Vineyard Haven, Tisbury and Edgartown.)
L S 3 ✣ ★125

**ONSET,** 1,200—Marion Gas Co. See Marion.

**ORANGE,** 5,282—Athol Gas & Elec. Co. See Athol.

**OXFORD,** 3,361—Webster & Southbridge Gas & Elec. Co. See Webster.

**PALMER,** 8,610—Central Mass. Pwr. Co. (Voluntary Ass'n. and owns plants of Central Mass. Elec. Co.) (Controlled by Central Mass. Lt. & Pwr. Co.)
Pres. E. P. Rowell...............Plymouth
Sec. E C. Mason, 78 Devonshire St., Boston
Treas. Chas. R. Adams " "
Mgr. H. M. Parsons...............Palmer
Audr. Chas. E. Stanwood
78 Devonshire St................Boston
§35

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Central Mass. Elec. Co. (Operates in connection with No. Brookfield Lt & Pwr. Co.) (Plants owned by Central Mass. Pwr. Co., a voluntary organization.) (Controlled by Central Mass. Lt. & Pwr. Co); cap. auth & pd. in $150,000; bds. auth. & outstg. $150,000. 6 p.c int· corporation notes outstg. $48,000, 5 p. c. int.
Pres. E. P. Rowell.............Plymouth
V. Pres. C. D. Parker
78 Devonshire St., Boston
Sec. E. C. Mason " "
Treas. C. R. Adams............... "
Gen. Mgr. H. M. Parsons.........Palmer
Ch. Engr. C. S. Talmadge........ "
2 a. c. G. E. tot. 300 kw. 2000-104 v. 3 ph. 60 cys: a.c day & nt. ltg. cir. 110-108 v: a.c. day & nt pwr. cir. 550-220 v: 1300 hp. e Slater, Bass, H. O. & R: 1000 kw. turb. West; 814 hp. b Heine —hp. wtr. wheels Hol. Also purchases energy from Conn. River Trans. Co.: 3 transf. G. E. tot. 1500 kw: 2 mo. gen. West. 500 kw.
City cont. 1096 incs. 32-60 c.p. $19 per yr; all nt; coal $4.60. (Co. also lts. East Long Meadow, Warren, Brookfield, West Brookfield, North Brookfield, Wilbraham, Monson, Bondsville, Enfield, Thorndike, Three Rivers, Granby and part of Ludlow, Belchertown and supplies energy to Ware Elec. Co.)
D L S W 3 115†

**PEABODY,** 15,721—Munic. Elec. Lt. Plant; bds. $86,000.
*¶ Mgr. W. D. King..............Peabody
Ch. Engr. C. W. Enos.......... "
3 a. c. G. E. tot. 925 kw. 2300 v 3 ph. 60 cys: 2 rect. G. E. 50 lamps; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v 3 ph. 60 cys; 1200 hp. e Prov: 660 hp. b. Robb Eng. Co. (equipped with Foster super-heaters); also stm. htg.
77 city arcs magn. 4 amp; 760 series tung. 40-250 w; all nt; coal $4.59. (Also lts. Lynnfield).
D H L S 3 125

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Salem Elec. Ltg. Co. See Salem.

**PEMBROKE,** 1,336—Edison Elec. Illg. Co. of Brockton. See Brockton.

**PEPPERELL,** 2,953—Nashua River Paper Corpn. See East Pepperell.

**PITTSFIELD,** 32,121—Pittsfield Elec. Co.; cap auth. $375,000; bds. auth. $150,000, 4½ p. c. int.
Pres. & Treas. A. Kennedy.....Pittsfield
Clerk, W. L. Adam.............. "
*Supt. W. A. Whittlesey.......... "
Cont. Agt. H. W. Derry.......... "
Ch. Engr. Fred Treat............ "
5 a. c. G. E. West. tot. 2710 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt mo. cir. 110-220 v. s. & 2 ph. 60 cys; 1750 kw. stm. turb. G. E; 445 hp. e. (gas) Diesel; 1000 kw. e. Rice & Sargent; 1750 hp. b. Bigelow, Bab. & W; also stm. htg.
City cont. 150 arcs 1200 c. p. $75 per yr; 51 lumn. arcs $101 per yr; 1250 incs. 60 c. p. $16.40 per yr; all nt; coal $4. (Co. also lts. Dalton, Hinsdale and Lanesboro.)
D G H L S 1 2 ✣ 25

**PLAINVILLE,** 1,385—Union Lt. & Pwr. Co. See Franklin.

**PLYMOUTH,** 12,141—Plymouth Elec. Lt. Co.; cap. outstg. $270,000; bds. $60.000.
Pres. A. C. Bent.................Taunton
*Treas. & Mgr. E. P. Rowell...Plymouth
¶ Pur. Agt. Geo. H. Williams.. "
Audr. C. E. Stanwood.............Boston
Engr. Pwr. Sta. E. N. Holmes. Plymouth
2 a. c G. E. tot. 1720 kw. 2300 v. 3 ph. 60 cys: 1 rect. G. E. 150 lts; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220-500 v. 3 ph. 60 cys: 500 hp. e. Harris, Cor; 1000 hp. b. Bab. & W, Robb-M; 1000 kw steam turb. Curtis; also purchases energy from New Bedford Gas & Edison Lt. Co; 3 transf. G. E. tot. 1000 kw.
City cont. 32 arcs magn. $110 per yr: 520 incs. 50 c. p. $20 per yr; moonlt all nt; coal $4.10. (Co. also lts. Carver, Duxbury, Kingston and Marshfield.)
D L S 3 ✣ ★16

**PRINCETON,** 818—Munic. Elec. Ltg. System.
*Mgr. Wentworth P Doolittle
P O. Box 66. Princeton
Pwr. purchased from the Gardner Elec. Lt. Co.: —transf. W. E. 40 kw; trans. volt. 2300 v; a. c. day & nt. ltg cir. 110 v: a c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
125 city Mazdas 60 c. p. 5.5 amp: moonlt. (Also lts. East Princeton.)
D L 1 ★125

**PROVINCETOWN,** 4,369—Provincetown Lt. & Pwr. Associates. (Controlled by C. D Parker & Co., Inc.); cap. $35,000; bds. $14,000.
*Pres. & Mgr. E. P. Rowell....Plymouth
Treas. E. G. Bennett..............Boston
Cont. Agt. M. A. Carter.....Provincetown
Supt. H. F. McDonald...... "
Ch. Engr. Jas. C. Moriarty.. "

2 a. c. Stan, Ft. W. tot. 170 kw. 2300 110 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v. 60 cys; 240 hp. e. (oil) Deisel.

City cont. 120 incs. Tung. 32 c. p; 17 incs. Tung. 60 c. p. $15 per yr; all nt; oil 3 cts. per gal.

D G L 3 ✠ 113

**QUINCY,** 32,642—Quincy Elec. Lt. & Pwr. Co.; cap. auth. $250,000; bds. $100,000.
Pres. John Cashman..............Quincy
V. Pres. Thos. Fanno............. "
Sec. Alva Morrison............... "
*Treas. & Mgr. Henry M. Faxon . "
¶ Supt. & Elecn. Fred W Austin. "

3 a. c. G. E. tot. 2050 kw. 2080 v. 3 ph. 60 cys; a. c. day cir. 110 v: a. c. pwr. cir. 550 v; 1800 hp. e. Prov, C. & G, Cooper; 1000 hp. b. B. & W.

City cont. 943 incs. 32 c.p. $18 per yr; 188 Mazdas clusters, $75 per yr; all nt: coal $4.80.

D L S 3 23

**RANDOLPH.** 4,301—Randolph & Holbrook Lt. & Pwr. Associates. Office, Randolph. (Voluntary Association).

Energy furnished by Weymouth Lt. & Pwr. Co.

L §35

**RAYNHAM,** 1,725—See Taunton.

**READING,** 5,818 — Munic. Elec. Lt. Plant; cost $138,126; bds. $48,000
Sec. Geo. L. Flint..179 Main St., Reading
Treas. Ward C. Mansfield
45 Prospect St., "
*¶ Mgr. & Supt. Arthur G. Sias,
179 Main St., "
Engr. Pwr. Sta. Geo. M. Davis,
179 Main St., "

4 a. c. G. E. tot. 1125 kva. tot. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 2 ph. 60 cys; 630 hp. e. McE, Cor; 375 hp. b. Hodge, Kendall; 500 kw. turb. (stm.) G. E. .

992 city tung. 32. 60 & 80 c. p. $13.50 per yr; moonlt; coal $4.11. (Also lts. North Reading, Lynnfield Center and Wilmington.)

D L S 1 2 ✠ 125

**REVERE,** 18,500—Suburban Gas & Elec. Co.: cap. outstg. $743,500: no bds.
Chmn. Bd. Charles H. Tenney, Springfield
Pres. A. B. Tenney.................Boston
V. Prests. D. E. Manson......... "
H. T. Sands........... "
Treas. E. A Bradley.............. "
Gen. Mgrs. Charles H. Tenney & Co. "
*Local Mgr. C. F. Chisholm.......Revere
Audr. H. A. Gidney...............Boston
¶ Pur. Agt. F. P. Mooney......... "
Engr. Pwr. Sta. R. J. Smith......Revere

3 a. c. G. E. tot. 1400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys: a. c. mo. cir 220 v. 3 ph. 60 cys: 900 hp. stm. turb. West, Parsons; 1650 hp. e. Rice & Sargent; 1120 hp. b. Stir.

City cont. 128 arcs G. E. 430 w. $73.35 per yr; 428 tung. 50 w. $16.54 per yr; moonlt; coal $4.20. (Co. also lts. Winthrop.)

D L S 3 ✠ 25

**RIVERSIDE,** 300—Franklin Elec. Lt. Co. See Turners Falls.

City cont. 12 incs. 60 c p. $25 per yr.

L 16

**ROCKLAND,** 6,928—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See North Abington.

City cont. 12 arcs enc. 450 w. $69 per yr; 363 incs. 32 c. p. $14 per yr; 8 incs. 80 c.p. $23.20 per yr; moonlt. 1 A. M.

L 16

**ROCKPORT,** 4,211 — Gloucester Elec. Co. See Gloucester.

**ROWLEY,** 1,368 — Munic. Elec. Ltg. System; cost $20,000.
*Mgr. S. O. Kent.................Rowley

Buys energy from Ipswich Munic. Plant; 15 transf. Pittsburg, Ft. W. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

250 city Mazdas 40 w. $11 per yr; moonlt. 12 P. M.

D L 1 125

**RUTLAND,** 1,743—Gardner Elec. Lt. Co. See Gardner.

**SALEM,** 43,697—Salem Elec. Ltg. Co. Office, 72 Washington St.; cap. $495,000; no bds.
Chmn. Bd. Chas. H. Tenney . Springfield
Pres. A. B. Tenney................Boston
V. Prests. D. E. Manson......... "
H. T. Sands........... "
Treas. E. A. Bradley.............. "
Gen. Mgrs. Charles H. Tenney & Co. "
¶ Pur. Agt. F. P. Mooney......... "
Local Mgr. S. Fred Smith ..........Salem
*Supt. Harry Kingsley............. "
Ch. Engr. W. H. Barnard ......... "

4 a. c. G. E. tot. 4500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v; 3035 hp. e. McI. & S; 3750 kw. stm. turb. G. E; 1750 hp. b. Bab. & W.

City cont. 225 a. c. arcs 6.6 amp. 385 w. $91.20 per yr; 813 tung. 60 c. p $22.11 per yr; all nt; coal $4.25. (Co also lts. restricted area in Peabody.)

D L S 3 ✠ 25

**SALISBURY,** 1,658 — Amesbury Elec. Lt. Co. See Amesbury.

City cont. 57 incs.

L 125

**SANDWICH,** 1,688 — Buzzards Bay Elec. Co. See Falmouth.

**SAUGUS,** 8,047—Lynn Gas & Elec. Co. See Lynn.

City cont. 10 a. c. enc arcs 6.6 amp. 495 w. $67 per yr. moonlt; 438 Mazdas 6.6 amp. 32 c.p. $16 per yr. dark hrs. to 4 A.M.

L 85

**SCITUATE,** 2,482—The Elec. Lt. & Pwr. Co. of Abington & Rockland. See No. Abington.
Local Supt. Harry R. Pratt......Scituate

City cont 50½ nitro. incs. 60 c. p. $20 per yr; 2 mult. lamps 60 w. $20 yer yr; all nt.

L 16

**SEEKONK,** 2,397—Seekonk Elec. Co.; cap. $5,000.
Pres. Arthur L. Kelley,
80 Westminster St., Providence, R. I.
*Clerk, Jesse E Gray............Seekonk
Treas. Edwin A. Barrows,
Providence, R. I.
Gen. Mgr. Arthur B. Lisle " "

Energy purchased from Narragansett Elec. Ltg. Co at the state line between Rhode Island and Massachusetts; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 104-550 v. s. & 3 ph. 60 cys.

D L 1 3 74

**SHARON,** 2,310—The Edison Elec. Illg. Co. of Boston. See Boston.

**SHEFFIELD,** 1,817—Great Barrington Elec. Lt. Co. See Great Barrington.

**SHELBURNE FALLS,** 1,498—New England Pwr. Co. Office, 801 Osgood-Bradley Bldg., Worcester. (Four gen. stas. on Deerfield River leased to Conn. River Trans. Co.) (Controlled by the New England Co., a voluntary association, through ownership of stock.) (Under management of Chase & Harriman, Inc.); cap. outstg. $5,000,000; bds. $3,500,000.
Pres. George S. Smith............Boston
V. Prests. G. B. Baker.......... "
V. Prests. M.G. Chace. Providence, R. I.
Sec. Richard Y. Fitz Gerald ......Boston
Treas. Wm. W. Brooks.......... "
Gen. Mgr. S. C. Moore..........Worcester
Compt. D. E. Fogerty.......... "
¶Pur. Agt. M. S. Allen ....... "
Supt. J. B. Mahoney.....Shelburne Falls
14 a. c. G. E. tot. 35.000 kw. 11,000-2300 v. 3 ph. 25 & 60 cys; 49,800 hp. turb. (wtr.) Allis-C, Smith; trans. volt. 120,000 v. 3 ph. 60 cys.
T W 3 ★16

Shelburne Falls & Colerain St. Ry. Co.
Pres. F. L. Davenport.....Shelburne Falls
V. Pres. C. W. Hawks.... " "
Sec. & Treas.
Deane R. Ainsworth " "
Audr. Frank L. Reed......Monroe Bridge
*Gen. Supt.
Ralph W. Purrington..Shelburne Falls
Ch. Engr. G. W. Smead.. " "
3 d. c. G. E. Westg. tot. 250 kw. 500 v; 150 hp. e. Fitch; 150 hp. b. Dillon; 200 hp. turb. (wtr.) Hol. (Co. sells energy.)
C R S W 125

Greenfield Elec. Lt. & Pwr. Co. See Greenfield.
Local Repr. G. H. Jenkins
Shelburne Falls
4 a. c. G. E. tot. 2700 kw. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c day & nt. mo. cir. 220-550 v; 4000 hp. wtr. wh. S. & B. Smith. (Trans. to Ashfield, Buckland and Colerain).
D L W 3 ✠ ★125

**SHERBORN,** 1,428—The Edison Elec. Illg. Co. of Boston. See Boston.

**SHIRLEY,** 2,139—Shirley Electric Co.; cap. outstg. $12,700; bds. $10,300.
Pres. Daniel C. Parsons............Shirley
Sec. Alfred L. Shearer............ "
*Treas. & Mgr.
Thomas E. Whitaker "
Energy purchased from Connecticut River Transmission Co; trans. volt. 13,200 v. 3 ph; 18 transf. Ft. W. Allis-C. tot. 94½ kw; a. c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 175 incs. 40 w. $12 per yr; moonlt. mdnt.
D L 3 ✠ 86E

**SHREWSBURY,** 1,946—*Munic. Elec. Lt. Plant; bds. $21,800.
Munic. Lt. Bd. Ed. L. Knowlton...Shrewsbury
Munic. Lt. Bd. Frank A. Bancroft.. "
Munic. Lt. Bd. Maurice E. Cook.... "
¶ Mgr. Cont. Agt. & Supt.
Edward A. Logan................ "
Energy from Marlboro Elec. Co; 6600 v. 3 ph. 60 cys; 3 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys.
420 city incs; moonlt. mdnt.
D L 1 3 ✠ 14

**SOMERSET,** 2,798—Fall River Elec. Lt. Co. See Fall River.
a. c. day & nt. ltg. cir. 115 v. 60 cys.; a. c. day & nt. mo. cir. 230 v 3 ph. 60 cys;
City cont. 251 tung. 50 w. $20 per yr. all nt.
D L 3 85

**SOMERVILLE,** 77,326—The Edison Elec. Illg. Co. of Boston. See Boston.

**SOUTHBORO,** 2,336—Marlboro Elec. Co. See Marlboro.
City cont. 160 Mazdas 50 w. $18 per yr; moonlt. 1 A. M.
L 26

**SOUTH BRAINTREE,** 2,500—See E. Braintree.

**SOUTHBRIDGE,** 12,592—Webster & Southbridge Gas & Elec. Co. See Webster.

**SOUTH DEERFIELD,** 1,500—Greenfield Elec. Lt. & Pwr. Co. See Greenfield.
Local Repr. S. H. Richards..So. Deerfield
L ★125

**SOUTH HADLEY** 5,164—Munic. Ltg. Dept.
Comn. F. A. Brainerd.........So. Hadley
Comn. T. O. Cunningham.. " "
Comn. A. R. Wilson........ " "
*Mgr. W. W. Scott.......So. Hadley Falls
Purchases energy from City of Holyoke; 108 transf. G. E. Stan. Wag. tot. 268 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys.
255 city incs. series 5.5 amp. 60-80 c. p. and 6 incs. mult. 60 c. p. $25 per yr; moonlt. mdnt.
D L 1 3 125

**SPENCER,** 6,740—Spencer Gas Co. (Massachusetts Ltg. Cos. owns majority of capital stock); cap. auth. & pd. in $97,500; bds. auth. & issued $85,000, 5 p.c. int.
Pres. Arthur E. Childs,
77 Franklin St., Boston
*Sec. & Treas. Geo. F. Howland.. "
Gen. Mgr. Guy K. Dustin......... "
¶Pur. Agt. H. L. Ogden .......... "
Local Mgr. C. M. Durell...........Spencer
1 a. c. G. E. 50 kw. 1100 v. s. ph. 60 cys; also purchases energy from the Central Mass. Elec. Co.; 2 transf. G. E. tot. 200 kva: a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 220 v; 100 hp. e; 100 hp. b.
City cont. 270 nitrogen lamps 60 & 80 c. p. 14 cts. per kw. hr. for first 108 kw. hr. per lamp per yr. and 6 cts per kw. hr. for all in excess.
D L S 1 ★125

**SPRINGFIELD,** 110,000—United Elec. Lt. Co., 73 State St.; (3 pwr. plants located in Springfield); cap. outstg. $2,000,000; bds. $200,000, 5 p. c. int.
Pres. Robert W. Day............Springfield
V. Pres. Henry J. Beebe....... "
Sec. & Treas.
William A. Lincoln "
*¶Mgr. W. L. Mulligan......... "
Asst. Mgr. L. J. Scott.......... "
Supt. of Gen. Walter H. Damon. "
Ch. Engr. W. D. Packard..... "
18 arc G. E. tot. 1020 kw; 6 a. c. West. tot. 10,000 kw. 5500 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440 v. 2 ph. 60 cys; d.c. mo. cir. 500 v; 15,000 hp stm. turb. West 3000 hp. turb. (wtr.) West; 9600 hp. b. Porcupine; also stm. htg.
City cont. 1500 arcs d. c. enc. 350 w. $70 per yr; 1700 magn. arcs 400 w; 500 incs. d. c. series 80 w. $15 per yr; all nt; coal $4.50 (Also lts. West Springfield and Longmeadow.)
C D H L S W 2 125

**STERLING,** 1,359—Munic. Elec. Ltg. System.
*¶ Mgr. Cont. Agt. & Supt.
Harrison W. Rugg............ Sterling
Purchases energy from Conn. River Trans. Co.; 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v.
64 city incs. series 75 w.
D L 3 125

**STOCKBRIDGE**, 1,933 — Stockbridge Ltg. Co.; cap. $40,000.
Pres. D. B. Fenn..............Stockbridge
*Sec. Treas. & Mgr.
Chas. E. Hull................ "
Supt. Joseph Franz........... "

Purchases energy from Monument Mills Hydro-Elec. Plant, Glendale Sta. 2400-120 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240-120 v. s. & 2 ph. 60 cys.

City cont. 174 series tung. 40 & 75 w. $15, $27 and $27.25 per yr; moonlt. (Sells energy to the Lee Elec. Co., Lenox Ltg. Co. and James F. Bossidy, West Stockbridge.)

D L 1 2 125

**STONEHAM**, 7,090—The Edison Elec. Illg. Co. of Boston. See Boston.

**STOUGHTON**, 7,100 — Edison Elec. Illg. Co. of Brockton. See Brockton.
Agt. Ed. C. Motteau............Stoughton

Auxiliary plant; 3 a.c. West., Stan. tot. 205 kw. 2200 v. 2 ph. 60 cys: a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 230 v; 450 hp. e. Fitch, Sims; 300 hp. b. Stir; Current from East Bridgwater; 2 transf. G. E. tot. 600 kw

City cont. 417 Mazdas 40 & 80 c.p. $15.67 & $20.08 per yr; moonlt. and morning hrs.

D L S 2 ✠ 125

**STOW**, 1,115—See Hudson.

City cont. 39 Mazdas 40 c. p. $17.50 per yr.

L 125

**STURBRIDGE**, 1,957 — Webster & Southbridge Gas & Elec. Co. See Webster.

**SUDBURY**, 1,120—The Edison Elec. Illg. Co. of Boston. See Boston.

**SUNDERLAND**, 1,047 — Sunderland Elec. Lt. & Pwr. Co.; cap. outstg. $11,000; no bds.
Pres. Philip Cabot...................Boston
Treas. L. E. Flint................... "
Mgr. G. W. Lawrence...........Greenfield
*¶Pur. Agt. G. E. Rogers.........Amherst
Supt. J. J. O'Connell............. "
Ch. Engr. F. L. Hunt............Greenfield

Energy from Amherst Gas Co; 32 transf. G. E. tot. 88 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 21 incs. series 60 c. p. $25 per yr; all nt.

D L 1 3 ★16

**SUTTON**, 3,078—Worcester Suburban Elec. Co. See Uxbridge.

Energy from Millberg sub-station; 2300 v. s. ph. 60 cys; day & nt. ltg. cir. 110 v. 60 cys.

City cont. 142 Mazdas 32 c. p. $14 per yr.

D L 1 125

**SWAMPSCOTT**, 6,204 — Lynn Gas & Elec. Co. See Lynn.

City cont. 90 magn. arcs 4 amp. 320 w. $72 per yr; 260 Mazdas 4 amp. 60 c. p. $17.50 per yr. dark hrs.

L 85

**SWANSEA**, 1,978—Fall River Elec. Lt. Co. See Fall River.

a.c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v.

City cont. 144 tung. 75 w. $25 per yr; all nt.

D L X 85

**TAUNTON**, 34,259—Munic. Ltg. Plant. Office, 26 Main St.; cost $125,000; bds. $414,000
*¶Mgr. Leland D. Wood
Drawer 870, Taunton
Gen. Supt. G. H. Inman
12 Mechanics Lane............... "
Engr. Pwr. Sta.
Thomas E. Smith, W. Water St., Taunton

4 a.c. G. E., Allis-C. tot. 3800 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 162 kw. 600 v; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 1350 hp. e. McI. & S; 1950 hp. b. Heine; 3000 kw. turb. (stm.) Allis-C. G. E; 500 kva. synchronous condensor.

1750 incs. 60, 250, 600 and 1000 c. p.; 4000 hrs.; coal $4. (Also lts. Raynham.)

C D L S 3 ✠ ★125

**TEMPLETON**, 3,756 — Munic. Elec. Ltg. System: cost $32,149.70.
*Mgr. & Supt. Ed. B. Waite, Baldwinsville

Purchases energy from Gardner Elec. Lt. Co.; a. c. day & nt. ltg. cir. 115 v. 60 cys; a.c. day & nt. mo. cir. 230-115 v. s.ph. 60 cys.

225 city tung. 50 w; midnt. moonlt. (Also lts. Baldwinsville.)

D L 1 25

**TEWKSBURY**, 3,750—The Lowell Elec. Lt. Corp. See Lowell.

**THORNDIKE**, 1,571 — Central Mass. Elec. Co. See Palmer

**THREE RIVERS**, 1,749—Central Mass. Elec. Co. See Palmer.

**TISBURY**, 1.196—Vineyard Ltg. Co. See Oak Bluffs.

**TOPSFIELD**, 1,174 — Beverly Gas & Elec. Co. See Beverly.

City cont. 52 Tung. 50 w. $25.30 per yr. 1 A. M.

L 125

**TOWNSEND**, 1,761 — Fitchburg Gas & Elec. Co. See Fitchburg.

City cont. 70 incs. 25 c. p. $12.50 per yr; moonlt.

L 16

**TURNERS FALLS**, 5,000—Franklin Elec. Lt. Co. Address, Box 154. (Purchased property of Montague Elec. Lt. & Pwr. Co.); cap. outstg. $40,000; no bds.
Pres. J. F. Bartlett.........Turners Falls
Treas. F. C. Abercrombie... "
* Supt. M. H. Mahoney.... "

Energy purchased from Turners Falls Pwr. & Elec. Co.; 2200-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v.; a.c day & nt. mo. cir. 220-550 v. 3 ph. 60 cys.

City cont. 129 tung. 60 c.p. $23 per yr; 29 tung. 200 w. $48 per yr; all nt. (Co. also lts. Riverside, Montague, Lake Pleasant and Millers Falls.)

D L 3 ✠ 16

Turners Falls Pwr. & Elec. Co. Office and gen. stas (2) at Turners Falls. (In April, 1915, the Turners Falls Co. was consolidated): cap. outstg. $2,950,000; mtge. notes $250,000.
Pres. Philip Cabot
111 Devonshire St., Boston
V. Pres. Alvah Crocker.........Fitchburg
Sec. Asst. Treas. & Local Repr.
F. C. Abercrombie, Turners Falls
Treas. Lester E. Flint
11 Devonshire St., Boston
*Gen. Mgr. & Cont. Agt.
Geo. W. Lawrence...........Greenfield
¶Pur. Agt. A. I. Potter.....Turners Falls
Ch. Engr. F. L. Hunt...........Greenfield

10 a. c. G. E. tot. 29,050 kw. 2300-6600 v. 3 ph. 60 cys; trans. volt 13,200, 66,000 v; 46,300 hp. wtr. wh. Morris-Jolly; interchange of energy with Greenfield Elec. & Pwr Co., Easthampton Gas Co., Conn. River Trans. Co. and United Elec. Lt. Co; 13 transf. G.E. tot. 66,050 kva; 2 mo.-gen. (ry. service only) tot. 1000 kw. operates a 66,000 v. transmission system passing through various towns and cities between Turners Falls and Springfield.)

T W 3 ★125

**TYNGSBORO,** 829—Tyngsboro Elec. Lt. Co.; cap. $7,500.
Pres. L. A. Derby..................Lowell
V. Pres. P. A. Flint............Tyngsboro
Sec. C. P. Littlehale........... "
*¶Treas. & Mgr. A. A. Flint... "
1 a.c. Westg. 50 kva. 2400 v. 3 ph. 60 cys. City cont. (Co. also lts. Dunstable.)
L 3 125

**UPTON,** 2,071 — Worcester Suburban Elec. Co. See Uxbridge.
Energy from Uxbridge; trans. 11,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 100 tung. 75 w. $16.50 per yr; moonlt. mdnt.
D L 3 125

**UXBRIDGE,** 4,671—Worcester Suburban Elec. Co. (Controlled by C. D. Parker & Co., Inc.) Cap. $600,000.
Pres. C. D Parker................Boston
Treas. C. R. Adams ............... "
*¶Mgr. O. E. Wolcott ..........Uxbridge
Cont. Agt. P. H. Clarke........ "
4 a. c. G. E, Allis-C. tot. 2050 kw. 2300 v. 3 ph 60 cys; 4 d. c. G. E. tot. 550 kw. 550 v; trans. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110-220 550 v. s. & 3 ph 60 cys; d. c. pwr. cir. (st. ry.) 550 v; 2287 hp. b. Stewart, Cunghm. Edgemoor; 1700 kw. stm. turb. G. E, Allis C; also purchases energy from Conn. River Trans Co.
City cont. 1300 tung. 32 & 60 c. p. $13.50 to $18.25 per yr; moonlt. 1 A. M; coal $2.90 & $4.20. (Co. also lts. Auburn, Grafton, Linwood, Millbury, Sutton, Upton, Douglass, East Douglass, Manchaug, Whitinsville, North Uxbridge and Northbridge and sells energy for ry. service.)
C D L S 1 3 ✠ 125

**VINEYARD HAVEN,** 1,120 — Vineyard Ltg. Co. See Oak Bluffs.
City cont. 35 series incs. $16.80 per yr. moonlt. all nt.
L 125

**WAKEFIELD,** 11,404 — Munic. Ltg. System; purchase bds. $96,000.
*Mgr. S. L. Cole................Wakefield
Ch. Elecn. Frank A. Nelson.... "
Purchases energy from The Edison Elec. Illg. Co. of Boston; a. c. day & nt. ltg. cir. 115 v: a. c. day & nt. mo. cir. 220-110 v. 3. ph. 60 cys.
576 city incs. 6.6 amp. 60-1000 c. p. moonlt: coal $4.60.
D L 3 125

**WALPOLE,** 4,892—The Edison Elec. Illg. Co. of Boston. See Boston.

**WALTHAM,** 27,834—The Edison Elec Illg. Co of Boston. See Boston.

**WARE,** 8,774 — Ware Elec. Co. (Controlled by Central Mass. Lt. & Pwr. Co.) Cap. auth. & pd. in $57,000, 6 p. c. div; no bds.
Pres. E. P. Rowell..............Plymouth
Clerk, E. C. Mason...............Bedford
¶ Mgr. H. M Parsons..............Palmer
3 a. c. G. E. tot. 265 kw. 220 v. 3 ph. 60 cys; a. c. day cir; 350 hp. e. McI. & S; 220 hp. b. Bigelow, Dillon; also purchases energy from Central Mass. Elec. Co.; sub-sta. 4500 kw. cap.
City cont. 72 arcs enc. 6.6 amp. 475 w; 67 tung. 75-50 w; all nt; coal. (Co. also lts Hardwick.)
D L S 3 115†

**WAREHAM,** 4,102—New Bedford Gas & Edison Lt. Co. See New Bedford.

**WARREN,** 4,188—Central Mass. Elec. Co. See Palmer.

**WATERTOWN,** 12,875 — The Edison Elec. Illg. Co. of Boston. See Boston.

**WAYLAND,** 2,206—The Edison Elec. Illg. Co. of Boston. See Boston.

**WEBSTER,** 11,509—Webster & Southbridge Gas & Elec. Co. (Consol. of Webster Elec. Co. and Southbridge Gas & Elec. Co.); cap. $170,000; bds. $60,000.
Pres. N. T. Hurlbut..............Webster
V. Pres. J. W. Dobbie.......... "
*Sec. F. W. Johnson........... "
¶ Treas. & Mgr. H. S. Shaw "
Engr. Pwr. Sta John F. Davis.. "
4 a. c. G. E, Allis C. tot. 1080 kw. 2300 v. 3 ph. 60 cys; a. c. day ltg. & pwr. cir. 2300 v; 800 hp. e. Allis C. A. & S; 675 hp. b. Stewart; 500 kw. stm. turb. Allis-C.
City cont. 150 arcs 6.6 amp. $100, $76 & $70 per yr; 460 incs. 25 c. p. $19, $15 & $13.50 per yr. (Co. also lts. Southbridge, Charlton City, Sturbridge, Dudley, Fiskdale and Oxford.)
D L S 3 ✠ 23

**WELLESLEY,** 7,500—Munic. Elec. Lt. Plant; cost $102,813.
*Mgr. C. E. Fuller.............Wellesley
Purchases energy from The Edison Elec. Illg. Co. of Boston; 4000-2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v; 5 c. c. transf. G. E. tot. 88 kw.
1005 city incs. 16 to 100 c. p; all nt.
D L 3 25

**WENHAM,** 1,010—Beverly Gas & Elec. Co. See Beverly.
City cont. 147 Tung. 50 w. $21.25 per yr. 1 A. M.
L 125

**WESTBORO,** 5,446—Westborough Gas & Elec. Co. Office, East Main St. (Leased by Marlboro Elec. Co.); cap. $25,000; bds. $18,000.
Pres. Jos. Q. Bennett ........ Cambridge
V. Pres. E. G. Loomis..15 State St., Boston
Sec. E. C. Mason.78 Devonshire St.,Boston
Treas. Paul B. Webber
78 Devonshire St., Boston
Local Mgr. C. A. Davis......... Marlboro
¶Pur. Agt. M B. Webber
78 Devonshire St , Boston
*Supt. H. F. Hemenway........Westboro
Energy from Marlboro Elec. Co; 3 transf. G. E. tot. 155 kva; 2 a. c. G. E. tot. 118 kw. 1040 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys
City cont. 60 Mazdas 75 w. $20 per yr; 176 Mazdas 50 w. $17.50 per yr; 1 A. M.
D L 1 3 ✠ 125

**WEST BOYLSTON,** 1,270 — Munic. Elec. Ltg. System; cost $15,000; bds. $14,000.
*Mgr. Arthur I. Hunting....W. Boylston
Buys energy from Conn. River Trans. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys.
280 city Mazdas 40 w. 5.5 amp; mdnt.
D L 75

**WEST BRIDGEWATER,** 2 231—Edison Elec. Illg. Co. of Brockton. See Brockton.

**WEST BROOKFIELD,** 1,327 — Central Mass. Elec. Co. See Palmer.

**WESTFIELD,** 16,044—Westfield Gas & Elec. Lt. Wks. (Munic.): bds. $141,000.
Comm. { C. K. Prince...........Westfield
E. L. Gillette.......... "
E. E. Mayor........... "
Treas. Geo. W. Searle............ "
*Mgr. G. E. Mitchell............ "
Supt. W. T. Lincoln............ "
Engr. Pwr. Sta. Albert Smith... "
3 a. c. G. E, West. tot. 1500 kw. 2300 v. 2 ph. 60 cys; G. E. rect. 50 lt; a. c.

day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 150 kw. e. Ideal; 1008 hp. b. Heine, Bigelow; 1350 kw. turb. (stm.) G. E, West.

147 city arcs $105 per yr; com. arcs $60 & $93 per yr; incs. $7.20 & $15 per yr; all nt; coal $3.85.

D L S 2 ★*5†

**WESTFORD,** 2,851—The Lowell Elec. Lt. Corpn. See Lowell.

**WEST MEDFORD,** 5,627 — Malden Elec. Co. See Malden.

**WESTMINSTER,** 1,353—Gardner Elec. Lt. Co. See Gardner

**WEST NEWBURY,** 1,473—Newburyport Gas & Elec. Co. See Newburyport.

**WESTON,** 2,106—The Edison Elec. Illg. Co. of Boston. See Boston.

**WESTPORT,** 2,928 — Fall River Elec. Lt. Co. See Fall River.

**WEST SPRINGFIELD,** 9,244—United Elec. Lt. Co. See Springfield.

City cont. 35 arcs $70 per yr; 200 incs. $15 per yr.

L ★125

Agawam Elec. Co. See Agawam.

**WEST STOCKBRIDGE,** 1,271—J. F. Boss dy.

*Mgr. Wm. M. Bossidy..West Stockbridge

Energy purchased from Stockbridge Ltg. Co.; trans. volt. 2400 v. s ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo cir. 110-220 v. s. ph. 60 cys.

City cont. 49 incs. $12.18 per yr; mdnt.

D L 1 ✠ *125

**WESTWOOD,** 1,266—The Edison Elec. Illg. Co. of Boston. See Boston.

**WEYMOUTH,** 12,895 — Weymouth Lt. & Pwr. Co. See East Weymouth.

**WHATELY,** 846—Amherst Gas Co. See Amherst.

City cont. 41 series incs. $20 per yr; mdnt.

L 16

**WHITINSVILLE,** 4,557 — Worcester Suburban Elec. Co. See Uxbridge.

**WHITMAN,** 7,292—Edison Elec. Illg. Co. of Brockton (Whitman Div.). See Brockton.

Agt. C. R. Redding..............Whitman

Auxiliary plant; 1 a. c. West. 180 kw. 2200-115 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 550-230 v; 250 hp. e. Rol; 250 hp. b. Kendall. Energy from East Bridgewater; 4 transf. West. tot. 300 kw.

City cont. 337 Mazdas 80-40 c. p. $23.20-$16.65 per yr; moonlt. & morning hours

D L S 2 125

**WILBRAHAM,** 2,332—Central Mass. Elec. Co. See Palmer.

**WILLIAMSBURG,** 2,132—Mill River Elec. Lt. Co. (Massachusetts Ltg. Cos. owns majority of capital stock); cap. auth. & pd. in $15,000; bds. auth. & issued $12,000, 6 p. c. int.

Pres.
Alfred Clarke...77 Franklin St., Boston
Sec. & Treas.
Geo. F. Howland " "
Gen. Mgr.
Guy K. Dustin... " "
¶ Supt C. B. Day..........Northampton
*Asst. Supt. A. T. Peterson, Williamsburg

Purchases energy from Northampton Elec. Ltg. Co. 2200 v. 3 ph. 60 cys; a. c. day cir 2200-110 v.

City cont. 109 tung. 32 c. p. 6.6 amp. $15 per yr; moonlt. mdnt.

D L 3 16

**WILLIAMSTOWN,** 3,708—Williamstown Gas Co. (Massachusetts Ltg. Cos. owns majority of capital stock); cap. $40,000.

Pres. Alfred Clarke...............Boston
Sec. & Treas. Geo. F. Howland.... "
Gen. Mgr. Guy K. Dustin.......... "
Local Mgr. B. K. Cook........No. Adams

Energy supplied by North Adams Gas Lt. Co.; a. c. day & nt. ltg. cir. v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph.

City cont. 35 arcs magn. 4 amp. $65.70 per yr; 75 tung. 50 w. $18 per yr; 2 A. M.

D L 1 3 25

**WILLIMANSETT,** 3,050—See Chicopee.

**WILMINGTON,** 1,858—See Reading.

**WINCHENDON,** 5,678—Winchendon Elec. Lt. & Pwr. Co.; cap. $12,000; bds. $5,000.

Pres. W. M. Whitney.......Winchendon
Sec. J. M. Joseph............ "
*¶Treas & Mgr. F. W. Nourse "
Audr. Horace T. Bosset......... Boston
Engr. Pwr. Sta. H. F. Flagg, Winchendon

1 a. c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440-600 v. 3 ph. 60 cys; 350 hp. turb. (wtr.) Hunt; purchases energy in dry season from Connecticut River Trans. Co.; 3 transf. West. tot. 600 kw.

City cont. 9 series arcs 1200 c. p. $75 per yr; 261 series Mazdas 40 & 100 c. p. $15 per yr; mdnt. moonlt.

D L W 1 3 ✠ ★125

**WINCHESTER,** 9,309 — The Edison Elec. Illg. Co. of Boston. See Boston.

**WINTHROP,** 10,132—Suburban Gas & Elec. Co. See Revere.

City cont. 65 G. E. arcs 2000 c. p. $86.40 per yr; 371 tung. 15 c. p. $18.72 per yr; all nt.

L 25

**WOBURN,** 14,432—The Edison Elec. Illg. Co. of Boston. See Boston.

**WORCESTER,** 145,986—New England Co. (Voluntary association and controls through stock ownership. New England Pwr. Co., Conn. River Trans. Co. and Conn. River Power Co. of N. H.) (Controlled by New England Pwr. Co. (of Maine.)

§16

Worcester Elec. Lt. Co., office, 375 Main St. (Pwr. plants at Worcester and Leicester.) (Owns Rawson Lt. & Pwr. Co.); cap. outstg. $1,400,000.

Pres. R. W. Rollins............Worcester
Treas. H. H. Fairbanks....... "
*¶Asst. Mgr. & Cont. Agt.
F. H. Smith................. "
Engr. Pwr. Sta. C. R. Seed.... "

Pwr. stas. equip: 40 G.E. rectifiers 50 & 75 lt; 5 a. c. West. tot. 18,000 kw. 2300-13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 220 v; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys; d. c. mo. cir. 500 v; 16,000 kw. turb. (stm.) West; 7600 hp. b. Sterling, Edge, Big, Hornsby.

City cont. —— arcs magn. 4 & 6.6 amp. $76 & $90 per yr;——incs. "C" 100 c. p. $21 per yr; all nt; coal $4.20. (Co. also lts. Paxton and Leicester; sells energy to Conn. River Trans. Co.)

C D L S 3 ✠ 125

Connecticut River Transmission Co. Offices, 801 Osgood Bradley Bldg. (Leases gen. stations of New England Pwr Co.) (Controlled by New England Co., a voluntary association, through ownership of stock.) (Under management of Chase & Harriman, Inc.); cap. outstdg. $1,195,000.
Pres. Henry I. Harriman..........Boston
V. Pres. M. G. Chace...Providence, R. I.
Sec. Richard Y. Fitz Gerald ......Boston
Treas. Wm. W. Brooks........... "
Gen. Mgr. S. C. Moore.........Worcester
Compt. D. E. Fogerty.......... "
¶ Pur. Agt. M. S. Allen......... "
Asst. Gen. Mgr. A. E. Pope.... "
Cont. Agt. W. C. Durant....... "
Ch. Load Dispr. W. B. Bill......Millbury
Supt. Hydro Power
J. B. Mahoney.........Shelburne Falls
Supt. Ovhd. Distrbn.
F. J. Sill.......................Worcester

Distributes all energy generated on the Deerfield River (plants leased from New England Pwr. Co.) and on the Connecticut River by the Connecticut River Pwr. Co. of N. H., at 66,000 and 13,200 v. 3 ph. 60 cys. Energy sold in bulk in the following cities and towns: Holden, Boylston, West Boylston, Sterling, Marlboro, Groton, Palmer, Shirley, Uxbridge, Winchenden and Gardner, Mass. (Energy also from Worcester Elec. Lt. Co.)
T 3 ★16

**WORONOCO,** 275—Strathmore Paper Co.
* Pres. H. A. Moses ...........Woronoco
V. Pres B. A. Franklin ......Springfield
Ch. Engr. G. E. Williamson...Woronoco
Engrs. } F. H. Miller ..... "
Pwr. Sta. } W. A Cuseck.... "

5 a. c. West. G. E. tot. 6402 kw. 600 v. 3 ph. 60 & 40 cys; 5 d.c G. E. tot. 130 kw. 125 v; a. c day & nt. ltg. cir 115 v. 40 cys: 500 hp. e; 2525 kw. stm. turb West; 6 boilers; 3000 hp. wtr. wh. Smith Hol.
City cont. 45 incs. 40 w. mdnt; coal.
C D L S W 3 §105

**WRENTHAM,** 1,743—Union Lt. & Pwr. Co. See Franklin.

## MICHIGAN.

**ADDISON,** 474—*Munic. Elec. Lt. Plant.
Pres. of Com. J. F. Steward......Addison
¶ Pur. Agt. Lt. Com............. "

Leases power of Addison Milling Co. for $1,500 per yr; 110 v. s. ph. 60 cys; 60 hp.e. Erie; 65 hp. b. A. & R; 95 hp. turb. (wtr.) Lef.
14 city arcs; 3 incs; 11.30 P. M.
L S W 1 23

**ADRIAN,** 10,763—Citizens Lt. & Pwr. Co.; cap. $100,000; bds. $76,500.
*Pres. Mgr. & Cont. Agt. H.A, Fee, Adrian
V. Pres. Geo. A. Wilcox.......... "
¶ Sec. & Ch. Elecn. H. A. Wing.... "
Treas. C. E. Baldwin.............. "
Ch. Engr. C. E. Simmons.......... "

4 a. c. G. E, Westg. tot. 1900 kw. 2080 v. s. & 3 ph. 60 cys: a.c. day & nt. ltg. cir. 100 v; a. c. mo. cir. 200 v; 850 hp. e. Rus, Lansing; 750 hp. turb. Westg; 1500 hp. b. Stir; 1000 kw. G. E. turb; also stm. htg.
City cont. 268 incs. series 400, 250 and 60 c. p. $5, $3.50 & $1.30 per mo; all nt; coal $2.35.
D H L S W 1 3 ✠ 125

**AHMEEK,** 766—Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**ALBION,** 5,833—*Consumers Power Co. For executive officers, see Jackson.
Dist. Mgr. B. S. Eppes...........Albion
L ★85

**ALGONAC,** 1,204—Munic. Elec. Lt. & Wtr. Works Plant; cost $35,000.
Vil. Pres. H. B. Gunniss........Algonac
*Sec. J. H. Ihnken................ "
Treas. D. A. Pontius............. "
¶ Mgr. & Ch. Elecn. Geo. O. Dennis "
Engr. Pwr. Sta. W. Mudge........ "

1 a. c. Westg. 75 kw. 2300-110 v. 2 ph. 60 cys; no day cir; 125 hp.e. Rus; 250 hp. b. Penn, Central.
85 city arcs 1200 c. p. $60 per yr; 12 incs. 32 c. p. $250 per yr; all nt; coal $2.60.
L S 2 11

***ALLEGAN,** 3,419—Consumers Power Co. See Jackson.

**ALLOUEZ,** 2,548—Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**ALMA,** 2,757—Alma Grain & Lumber Co. (Elec. Dept.); cap. $100,000; no bds.
Pres. Jotham Allen..................Alma
* V. Pres. Wm. T. Waldrett......... "
Sec. Henry McCormack...........Ithaca
Treas. L. A. Sharp...................Alma
¶ Mgr. & Cont. Agt A. J. Goulet... "
Supt. Ch. Engr. & Elecn.
Wm. W. Medler.................. "

2 d. c. arc T-H. tot. 85 lt; 2 a. c. G. E. T-H. tot. 200 kw. 1100-110 v. s. ph. 133 cys: a.c. day cir. 104 v; pwr cir. 104 v; 350 hp. e. Allis; 250 hp turb. (wtr.) Temple, Smith; 200 hp. b. Wickes.
City cont. 38 arcs 1200 c. p. $53.50 per yr; moonlt. mdnt; coal $3.
D L S W 1 ✠ 23

Consolidated Lt. & Pwr. Co. See Mt. Pleasant.

**ALPENA,** 12,706—Alpena Power Co., Ltd. (Owns stock of Alpena Elec. Lt. Co.); cap. stk. $99,000.
Chmn. Frank W. Fletcher........Alpena
*Treas. A. M. Fletcher........... "
16

Alpena Elec. Lt. Co. (Stock owned by Alpena Pwr. Co., Ltd.); cap. stk. $75,000; no bds.
Treas. & Mgr. F. W. Fletcher....Alpena
Gen. Supt. Wm. C. McLain
216 McKinley Ave. "

3 a. c. G. E. tot. 1080 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 440-220-110 v; 1355 hp. turb. Leffel, Trump.
D L W 3 ✠ ★16

Munic. Wtr. & Lt. Plant; cost $100,000; bds. $100,000.
Sec. Geo. Mosette..................Alpena
Treas. Julius F. Hiser............. "
*¶ Supt. & Ch. Engr.
Alvin C. Calkins................. "

1 a. c. Bull. 150 kw. 2300 v. 3 ph. 60 cys: 4 arc Westg. tot. 200 lt; no day cir; 225 hp. e. Allis-C; 710 hp. b. McN., Stir.
136 city arcs metallic flame Westg. 4 amp. $50 per yr; moonlt; coal $2.10.
L S 3 125

**ANN ARBOR,** 14,817—Eastern Michigan Edison Co. For executive officers, see Detroit.
Div. Mgr. R. W. Hemphill, Jr..Ann Arbor
Div. Supt. G. E. Lewis........ "
Local Supt. H. B. Hayes...... "

5 a. c. G. E. tot 3600 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 1500 kw. turb. (stm.) G. E; 4800 hp. turb. Lef, Samson; 1200 hp. b. Bab. & W.
City cont. 200 arcs 450 w. $60 per yr; 200 tung. 60 c. p. $18 per yr; all nt; coal

$2.55. (Also lts. Ypsilanti, Saline, Wayne, Trenton, Dearborn, Oakwood, Milan and New Boston.)
D L S W 3 ✠ 85

**ATHENS,** 631—Athens Mill & Pwr. Co.; cost $25,000.
Pres. & Treas. J. E. Mason.......Athens
*Sec. & Mgr. E. K. Mason......... "
Supt. Chas H. Waterman......... "
1 a. c. West. 90 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 100 v. 60 cys; 50 hp. e. (kerosene) International Harvester Co; 105 hp. wtr. wheel Globe Iron Works.
City cont. 58 Mazdas 40-60-100 w. $10, $12.50 and $16.50 per yr; mdnt., moonlt; kerosene 8 cts.
G L W 1 ✠ 16

**ATLANTIC MINE,** 1,600—Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**BAD AXE,** 1,559—Munic. Lt., Pwr. & Wtr. Plant; cost $24,000; bds. $7,850. 4 & 6 p. c. int.
Pres. Bd. Geo. F. Whitney.......Bad Axe
V. Pres. C. Munroe.............. "
Sec. Jas. Burgess................ "
Treas. Septimus Irwin.......... "
*¶ Mgr. W. H. Niswanger....... "
Engr. Pwr. Sta. Robt. Lindsey.. "
2 a. c. Warren G. E. tot. 250 kw. 1040 v. s. ph. 125 cys; a. c. day & nt. ltg. cir. 208-104 v. 125 cys; a. c. mo. cir. 1040 208-104 v. s. ph. 125 cys; 225 hp. e. Rus, Bates, Cor; 250 hp. b. Erie.
21 city arcs G. E. 2000 c. p. $50 per yr; moonlt., mdnt; coal $3.00.
D L S 1 ✠ 25

**BANGOR,** 1,158—Munic. Lt. & Wtr. Plant; cost $40,000; bds. $25,000.
Pres. Vil. Frank Overton.........Bangor
V. Pres. M. F. Russell............ "
Clerk, Walter Wilcox............ "
*¶ Supt. & Ch. Engr. P. M Gross.. "
Engr. Pwr. Sta. M. V. Hurlbut.... "
1 a. c. Warren 60 kw. 2280 v. s. ph. 60 cys; a.c. nt. ltg. cir. 110 v.; 102 hp. e. McE; 160 hp. b. Brnl.
65 city series incs. 100 w. 6.6 amp. $5 per yr; moonlt; coal $3.35.
L S 1 ✠ ★125

**BARAGA,** 1,070 -- Munic. Wtr. & Lt. Plant; bonds $33,000.
Pres. Vil. Albert E. Funke........Baraga
Treas. Wm. Graham................ "
*¶ Mgr. Robt. E. Martin........... "
Engr. Pwr. Sta. Thos. Perry....... "
1 a. c. Elec. Mch. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 250 hp. gas pro. Smith; 175 hp. e. (gas) Nash.
80 city tung. st. series 100 c. p. $25 per yr; coal $5.80
G L 3 ✠ 25

**BATTLE CREEK,** 25,267—The Citizens' Elec. Co.; cap. auth. $150,000; bds. $24,000.
Pres. Chas. C. Green.........Battle Creek.
V. Pres. M. Maas............. "
*Sec. & Treas. F. A. Allwardt "
¶ Mgr. & Cont. Agt.
D. H. Beardsley............ "
Engr. Pwr. Sta. P. McCormick "
4 a. c. Stan. Allis-C. tot. 1500 kw. 2400 v. 2 ph. 60 cys; 2 rect. G. E. tot. 150 lt; a. c. day & nt. ltg. cir 108 v. 60 cys; a. c. day & nt. mo. cir. 440-220 110 v. s. & 2 ph. 60 cys; 650 hp. e. B. & W. Ham, Cor; 350 hp. turb. (wtr.) Leffel; 700 hp. b. Wickes; 750 kva. turb. (stm.) Allis-C.
City cont. 130 arcs magnetite 4 amp. $80 per yr; 300 Mazdas 60 w. $9.60 per yr; all nt; coal $2.90.
D L S W 1 2 ✠ 74

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*Consumers Pwr. Co. For executive officers, see Jackson.
Dist. Mgr. B. S. Eppes.......Battle Creek
L ★85

**BAY CITY,** 45,166 --Munic. Elec. Lt. Plant; cost $300,000; no bds.
Chrmn. F. P. S. Kelton..........Bay City
*Sec. & Mgr. Wm. H. Fitzhugh. "
Treas. R. C. Wands............... "
¶ Compt. E. E. Prohazka........ "
Supt. of Ovhd. Distrbn.
J. C. Crampton................ "
Ch. Engr. W. O. Robinson...... "
2 a. c. turbo-gen. Allis-C. West. tot. 2700 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 110 220-440 v. s. & 3 ph. 60 cys; 1400 hp. b. Wick. Bab. & W.
660 city arcs M. F., West, G. E. 4 amp. $55 per yr; all nt: coal $1.87.
D L S 1 3 ★125

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*Consumers Pwr. Co. For executive officers, see Jackson.
Dist. Mgr. D. A. Furlong........Saginaw
L ✠ ★85

**BAY VIEW**—Bay View Camp Ground Assn.
Pres. Treas. Mgr. & Cont. Agt.
Thos. Gordon, Jr...................Howell
V. Pres. Clement Smith..........Hastings
*¶ Supt. L. C. Mason............Bay View
Engr. Pwr. Sta.
Henry E. Balcom............ "
Buys energy from Petroskey Munic. Plant; 25 transf. Kuhlman, Packard tot. 100 kw 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100 v. 60 cys.
(In operation during summer months only.)
D L 3 ✠ 25

**BEAVERTON,** 418—Beaverton Lt. & Pwr. Co.
*¶ Mgr. & Cont. Agt.
Ronald Ross.................Beaverton
Engr. Pwr. Sta. A. Bolin....... "
2 a. c. Stan. tot. 215 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 100 hp e; 300 hp. turb. Leffel; 150 hp. b.
City cont. 50 incs. $15 per yr; all nt.
D L S W 2 ✠ 16

**BELDING,** 4,119—Spencer Elec. Lt. & Pwr. Co. Pwr. plant in Smyrna; cap. $50,000.
*Pres. F. L. Spencer..............Belding
V. Pres. O. F. Webster........... "
Sec., Treas. & Mgr.
W. P. Hetherington............ "
¶ Supt. & Ch. Elecn. J. E. Stanton "
Engr. Pwr. Sta. R. F. Barry......Smyrna
1 a.c. G. E. 200 kw. 3450 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 230 v s. & 3 ph. 60 cys; 50 hp. e. (gas) Olds; 310 hp. turb. Leffel, Globe Iron Wks; 38 transf. G. E 313 kw.
City cont. 35 arcs enc. 6.6 amps. $55 per yr; 6 series incs. 6.6 amp. 75 w. $12 per yr; 109 series incs. 40 w. $5 per yr; 1 A. M, (Also lts. Smyrna.)
D G L W 1 3 ✠ 23

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Citizens' Lt. Co. Pwr. plant on Flat Riv, 8 mi. from Belding; cap. $25,000; no bds
Pres. F. R. Chase.................Smyrna
V. Pres. Frank Moon............Belding
*¶ Sec. & Mgr. M. A. Reed....... "
Ch. Elecn. Leo Benson.......... "
1 a. c. West. 200 kw. 6600-2200 v. 3 ph. 60 cys; a. c. day & nt. cir. 110 v; mo. cir. 220 v; 1350 hp. turb. Leffel; purchases water power from Munic. Plant at Lowell.
City cont. 1 A. M.
D L W 3 ✠ 16

**BELLAIRE,** 1,050—Munic. Elec. Lt. Plant; cost $35,000; bds. $5,000.
Clerk, C. W. Putt................Bellaire
*Supt. Chas. J. Evans............ "
1 a.c. West. 200 kw. 2400 v. s. ph 60 cys; a.c. nt. ltg. cir. 104 v. 60 cys; a.c. mo. cir. 104 v. s. ph. 60 cys; 366 hp. turb. Leffel.
17 city arcs 7 amp; 1 series inc. 100 c. p; 190 incs. 8 c. p; all nt.
L W 1 ✠ 125

Hydraulic Pwr. & Lt. Co.; cap. auth. $100,000; bds. $27,500.
¶ Pres. & Treas. Henry Richardi. Bellaire
Sec Mary Adamson.............. "
*Mgr. E. M. Mayne............... "
1 a. c. Bull. 375 kw. 22.000-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo; 350 hp. e. Sknr; 400 hp. b. Stir; 700 hp. turb. Sampson. (Co. furnishes pwr. to Charlevoix.)
D L S W 3 ✠ 75

**BENTON HARBOR,** 9,185—Benton Harbor-St. Joe Ry & Lt. Co.
Pres. & Treas. C. K. Minary
Benton Harbor
V. Pres. Henning Chambers
Louisville, Ky.
Sec. L. W. Botts.......... " "
Audr. Oren A. Small......Benton Harbor
*Supt. Lt. & Pwr.
John Cavanaugh.. ..... "
Ch. Engr. Pwr. Sta.
Geo. J. Spaulding....... "
Purchases energy from Indiana & Mich. Elec. Co.; 464 transf. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 205 series a. c. arcs 6.6 amp. $45 per yr; 27 series Mazdas 4 amp. $15 per yr; moonlt. (Co. also lts Eau Claire, Millburg, Coloma, Watervliet, Stevensville and Berrien Center, and does com. ltg. and pwr. business in St. Joseph.)
D R 3 ✠ ★125

Indiana & Michigan Elec. Co. See South Bend, Ind.

**BERRIEN SPRINGS,** 1,200—Indiana & Michigan Elec. Co. See So. Bend. Ind.
3 a. c. West. tot. 5400 kw. 2300 v. 3 ph. 60 cys; trans. volt. 25,000 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v: a. c. day & nt mo. cir. 440 v. 3 ph. 60 cys; 24 Leffel wtr. wheels.
D L W 3 125

**BESSEMER,** 4,583—Ironwood & Bessemer Ry. & Lt. Co. See Ashland, Wis.
Supt. Jas. H. Kevern.. ..........Bessemer
Steam pwr. plant; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 1100-2200 v. 60 cys.
City cont. moonlt.
D L S X 16

**BIG RAPIDS,** 4.519—Big Rapids Elec. Co.; cap. $38,500; no bds.
Pres. E. C. Newcombe........Big Rapids
V. Pres. V. H. Hanchett...... "
Sec. W. A. Stillwell.......... "
Treas. A. V. Young...... "
*¶Supt. Cont. Agt. & Ch. Engr.
J. R. Bennett................. "
Engr. Pwr. Sta. Elzie Atchison "
2 a. c. West. T-H. tot. 240 kw. 1100 v. s. ph. 133 cys; 1 d. c. W. E. 75 kw. 550 v; a. c. day & nt. ltg. cir. 120 v. 133 cys; mo. cir. 120 v. s. ph. 133 cys: d. c. pwr. cir. 550 v; 320 hp. turb. wtr. Lef.
C D L W 1 ✠ ★125

*Consumers Power Co. See Jackson.

**BIRMINGHAM,** 1,607—Eastern Michigan Edison Co. Power from Mt. Clemens. See Detroit.

**BLISSFIELD,** 1,474—Munic. Elec. Lt. Plant; cost $15,000; bds. $500.
Chmn. Comm.
Fred Josenhaus..............Blissfield
*¶Supt. Ray H. Ellis. .... ..... "
2 a. c. G. E. tot. 250 kw. 2200 v. 3 ph. 60 60 cys: a. c. day & nt. ltg. cir. 110 v; 490 hp. e. Ball; 160 hp. b. Ricker.
38 city arcs a. c. series: 91 city incs. 4 cts. per kw; moonlt; coal $2.25.
D L S 3 ✠ ★125

**BOYNE CITY,** 5,218—Boyne City Elec. Co.; cap. $100,000; bds. $100,000.
Pres. E. A. Stowe..........Grand Rapids
V. Pres. Amos Musselman.. " "
Sec & Treas. C. C. Folmer. " "
*¶ Gen. Supt. & Cont. Agt.
Chas. T. McCutcheon.......Boyne City
Engr. Pwr. Sta. E W. Davis.. "
3 a. c. G. E. tot. 375 kw. 6600-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 240 v. 3 ph. 60 cys: 100 hp. e. West; 500 hp. turb. (wtr.) Lef; 100 hp. b. Atlas.
City cont. 50 lumn. arcs West. 300 c. p. 4 amp. $50 per yr; 111 incs. "C" 60 c. p. $12 per yr; all nt: coal $3.80 & $4.10.
D L S W 3 ✠ 125

**BRIGHTON,** 767—Brighton Lt. & Pwr. Co; cap. $16,000.
*¶ Mgr. Carl C. Conrad.........Brighton
Engr. Pwr. Sta. Stewart O. Dill. "
1 d. c. Ft. W. 50 kw. 220 v; d c. nt ltg. cir. 220 v; 80 hp.e. Westg; 80 hp.b. Pratt.
City cont. 164 carbon 16 c. p. $5.20 per yr; moonlt. mdnt; coal $2.75.
C L S ✠ 34w

**BRONSON,** 1,020—*Munic. Elec. Lt. Plant: bds. $19.000.
Supt. C. J. Scribner..............Bronson
Engr. Pwr Sta. L. Fordham.... "
2 a.c. G. E. tot. 180 kw. 1100-110 v. s. ph. 125 cys; a c. nt. ltg. cir. 110 v; 170 hp. e. Murray, Cor; 160 hp. b. Murray, Gem.
25 city arcs 2000 c.p. $75 per yr; moonlt; coal $2.50.
L S 1 ✠ 23

**BROOKLYN,** 602—Electric Lt. Plant.
*Owner. Geo. E Greene........Brooklyn
2 d. c. West. tot. 75 kw. 220 v; 110 hp. e. H. O. & R; 100 hp. b. Aurora
City cont. 30 incs. 32 c. p. $30 per yr. moonlt; coal $2.50.
C L S ✠ 23

**BROWN CITY,** 690—Munic. Lt. & Wtr. Wks; bds. $500; cost $10,000.
Mayor, E. W. Beckett....... Brown City
*Sec. & Cont. Agt. Hugh McNair "
Treas. D. A. McKeath......... "
¶ Mgr. M. Burkholder......... "
Ch. Engr. James Honey...... "
1 a. c. Ft. W. 100 kw. 2250 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir; 100 hp. e. Mur; 200 hp. b. Wick, Gem.
5 city arcs 420 w: 40 incs. 100 w; moonlt; coal $3.10.
D L S 3 ✠ ★16

**BUCHANAN,** 1,181—Indiana & Mich. Elec. Co. For executive officers, see South Bend. Ind.
Optg. Engr. C E. Babcock ....Buchanan
1 a. c. G. E. 1500 kw. 2300 v. 3 ph. 60 cys; trans. volt. 25.000 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 440 v. 3 ph. 60 cys; — hp. turb. Leffel.
City cont 33 arcs 6.6 amp. $50 & $90 per yr. all nt; 94 Mazdas 40 w. $6 per yr. moonlt.
D L W 3 ✠ 125

**BURR OAK,** 752—United Elec. Co. (Power plants at Burr Oak. Colon, Mendon and Parkville.) Stock $100 000.
Pres & Mgr. Edgar Seaver......Burr Oak
*Sec. Herbert Seaver............. "
Treas. B. E. Seaver.............. "

Equip. of all plants: 3 a c. Ft. W. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v; 200 hp. e. C. & T; 220 hp. b. Erie; 300 hp. e. (gas) Columbus; 300 hp. wtr. wh. Lef.
Coal $5.
D G L S W 3 103

**CADILLAC,** 8,375—Cadillac Wtr. & Lt. Co. (Controlled by the Commonwealth Pwr.. Ry. & Lt Co.); cap. $200,000: bds. $132,000.
Pres. B. C. Cobb.........New York, N.Y.
V. Pres. ——— ———
Sec. Wm. J. McCloy.............Cadillac
¶ Treas. Mgr. Ch. Engr. & Elecn.
Geo. D. Westover.............. "
2 a. c. Wood tot. 300 kw. 1100-208-104 v. s. ph. 133 cys; 2 d c. Wood tot. 150 kw. 550 v; a. c. day cir. 104 v; d. c. mo. cir. 500 v; 550 hp. e. Allis-C, Ball, Erie; 700 hp. b. Wood.
City cont. 66 arcs 1200 c. p. $60 per yr. all nt: wood; shavings.
C D L S 1 ✣ 45j

**CALEDONIA,** 610—Thornapple Gas & Elec. Co. See Hastings.
Engr. Pwr. Sta., LeRoy Cain..Caledonia
Hydro-electric plant.
L W 125

**CALUMET,** 20,931—Houghton County Elec. Lt. Co. See Houghton.
Asst Supt. B. Robinson.........Calumet.
a. c. dav & nt. ltg. cir 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
City cont. all nt.
D L 1 2 ★26

**CAMDEN,** 392—Camden Elec. Lt. Plant.
*Prop. Walter Griggs............Camden
1 d. c. G E 88 kw. 220 v: d. c. nt. ltg. & mo cir. 220 v; J. & J. Loomis oil engine.
City cont. 20 incs. $36 per yr; dark hrs; fuel oil 7 cts.
C G L ✣ 125

**CAPAC,** 761—*Munic. Elec. Lt. Plant.
Vil. Pres. A. C. Downey...........Capac
Clerk, R. C. Zike................ "
Treas. P. T. Willoughby.......... "
Engr. Pwr. Sta. ——— ———
L 34†

**CARO,** 2,272—Caro Lt. & Pwr. Co. (2 gen. stas.); cap $25 000; bds. $50,000.
*Pres. & Mgr. N. B. Atwood ........Caro
V. Pres. & Sec M. G. Atwood...... "
Treas. T. W. Atwood............... "
Supt. Chas. J. Arnold........... "
4 a. c. Warren, Wagner tot. 310 kw. 2300 v. s. ph 60 cys; 2 arc Ft. W. Std: a. c. nt ltg. cir. 110 v; 340 hp. e. Ball. N.Y. S, A. & S: 300 hp. turb. Trump; 250 hp. b. Lansing.
City cont. 28 arcs Warner $60 per yr; 150 Tung. 5 cts. per kw; moonlt; coal $2.95.
L S W 1 ✣ 25

**CARSON CITY,** 808—Rockafellow Grain Co. Cap. auth. & pd. in $40,000.
Pres. C. M. Carron...............Detroit
V. Pres F. T. Caughey.......... "
*¶ Sec. Treas. Mgr. & Cont. Agt.
L. W. Murray..............Carson City
Supt. Carl Smith............ "
Engr. Pwr. Sta. Bert Neal.... "
1 a. c. Ft. W. 90 kw. 1100-110 v. s. ph. 60 cys; no day cir; 100 hp. e. Ball; 200 hp. b. Lansing.
City cont. 17 arcs. 2000 c. p. $70 per yr: moonlt: coal $2.95.
L S 1 125

**CASS CITY,** 1,126—Munic. Elec. Lt. & Water Plant; cost $29,000.
*¶ Mgr. & Ch. Engr.
W. N. Straube................Cass City
1 a. c. Ft. W. 175 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. e. McE, Skinr; 240 hp. b. McKinnon Wick.
28 city tung. 400 c. p; coal $3.50.
D L S 3 ✣ 16

**CASSOPOLIS,** 1,358—Milling & Pwr. Co. (A subsidiary of the Middle West Utilities Co.); cap. outs'g. $18,000; no bds.
Pres Jno. F. Gilchrist.......Chicago, Ill.
Sec. & Treas. R. W. Waite... "
*¶ Mgr. & Cont. Agt.
W. D. Hopkins...............Cassopolis
Engr. Pwr. Sta. Frank Avery... "
Energy from Constantine Hydraulic Co.; 6 transf. G. E. tot. 450 kw; trans. volt. 11,000 v. 3 ph. 60 cys; 1 a. c. Westg. 125 kw. 2300 v. 3 ph. 60 cys; a.c.day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 110 v. 3 ph. 60 cys; 150 hp. e. Murray; 200 hp. b. Mc Aleenan. (Stm. plant held in reserve.)
City cont. 57 series tung. 350, 60 & 80 w. $50 $9 & $11.80 per yr; moonlt. mdnt; coal $2 75.
D L S 3 ✣ ★16

**CENTERVILLE,** 613—Centerville Wtr. & Elec.Co; cap. $75,000.
Pres. Frank Wolf.............Centerville
V. Pres. H. P. Stewart........ "
*¶ Sec. & Treas. W. S. Herron "
Mgr. F. W. Thomas...........Toledo, O.
Supt. W. P. Close ... .......Centerville
2 a. c. E. M. Co. tot. 135 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 180 hp. turb; purchases energy from Munic Plant at Sturgis.
City cont. 106 Mazdas 50 w; all nt. moonlt. mdnt.
D L W 1 3 ✣ 16

**CENTRAL LAKE,** 813—Central Lake Elec. Lt. Co; cap. $9,000, 20 p. c. div.
*¶ Owner & Mgr. A. F. Wallbrecht,
Central Lake
Ch. Engr. Wm. Anderson.. "
2 d. c. Northern tot. 80 kw. 250 v; d. c. ltg. cir. 215-230 v; 125 hp. e. Atlas; 150 hp. b. Atlas.
City cont. 15 arcs 1600 c. p. $50 per yr; 27 incs. 60 w. $10 per yr; moonlt; wood $1.35.
C L S ✣ 125

* **CERESCO,** 350—Consumers Power Co. See Jackson.

**CHARLEVOIX,** 2,420—Munic Elec. Lt. & Wtr. Wks; cost $36,000; bds. $16,000.
City Treas. John Cook........Charlevoix
*¶ Supt. Ch. Engr. & Elecn.
A. J. Hamilton.............. "
Engr Pwr. Sta. Gunson Dixon "
Buys power from Hydraulic Pwr. & Lt. Co. at Bellaire: 2 transf. West. tot. 400 kw; 1 a. c. West. tot. 90 kw. 2200 v. 2 ph. 60 cys; a. c day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. & 2 ph. 60 cys; 150 hp. e. Ball; 100 hp. e. (gas) Frick; 200 hp. b. Stir; stm. plant in reserve.
48 city arcs West. 6.6 amp. $45 per yr; 4 ornamental posts 5-lts; moonlt; coal $4 to $4.05.
D G L S 1 2 125

**CHARLOTTE,** 4,886--Consumers Power Co. See Jackson.
Dist. Mgr. R R Thomson..Battle Creek
a. c. day & nt. ltg. cir. 115 v 60 cys; a. c. day & nt. mo. cir 440 v. 3 ph. 60 cys.
City cont. 48 G. E. magn. arcs 6 amp. $65 per yr; 66 tung. 250 & 50 w. $48 & $13 per yr; moonlt. all nt.
D L 1 3 ✣ 85

**CHASSELL,** 1,287—Worcester Lumber Co., Ltd.
Pres. & Treas. C. H. Worcester..Chassell
Sec. & Mgr. Edw. A. Hamar..... "
*¶ Supt. & Elecn. W. H. Madden. "
1 a. c. Ft. W. 70 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 80 hp. e. Erie.
City cont. 7 arcs Ft. W. $50 per yr; 10 Mazdas 60 w. $6 per yr; moonlt. 12.30 P.M; wood (saw-mill waste.)
L S 1 ✠ 16

**CHEBOYGAN,** 6.589—Cheboygan Elec. Lt. & Pwr. Co. Pwr. plants on Black Riv., 9 miles from Cheboygan and in Pellston; cap. $200,000; bds. $150,000.
Pres. Herbert E. Reagan.....Chicago, Ill.
V. Pres. John R. McArthur
New York, N. Y.
*Sec & Mgr. F. B. Spencer...Cheboygan
Treas. N. D. Freeman............Chicago
2 a. c. G. E. tot. 1000 kw. 12,000-2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 2300-220 v. s. & 2 ph. 60 cys; 1320 hp. turb. Leffel.
City cont. 75 arcs 1200 c. p. $60 per yr: moonlt; all nt. (Co. serves Cheboygan, Alanson, Brutus, Carp Lake, Conway, Levering, Mackinaw, Oden, Pellston and Indian River.)
D L W 1 2 3 ✠ 125

**CHELSEA,** 1,764—*Munic. Elec. Lt. & Wtr. Wks.; cost $65,000; bds. $65,000.
Treas. H. E. Cooper..............Chelsea
¶ Pur. Agt. R. E. Jones.... . .... "
Engr. Pwr. Sta. M. Lowery....... "
1 d. c. arc T-H. 50 lt; 1 d. c. Ft. W. 100 kw. 220 v; d. c. day & mo. cir. 220 v; 200 hp. e. Allis; 350 hp. b. Stir.
Mdnt; coal $2.55.
C D L S ✠ 34†

**CHESANING,** 1,363—Munic. Elec. Lt. & Wtr. Wks.
Sec. F. J. Stevens..............Chesaning
*¶ Mgr. & Supt.
R. L. Blackmore............. "
1 a.c. Ridgeway 100 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110 220 440 v. s. & 3 ph. 60 cys; 140 hp. e. Ridgeway; 340 hp. b. Erie, Bab. & W.
125 city Mazdas 100-200 c. p. 5 cts. per kw; 12 P. M; coal $2.85.
D L S 1 3 16

**CLARE,** 1,350—Consolidated Lt. & Pwr. Co. See Mt. Pleasant.
City cont. 11 Mazdas "C" 400 c. p. $60 per yr. and 45 Mazdas "C" 100 c. p. $25 per yr. all nt.
L ✠ 125

**CLINTON,** 1,011 — Munic. Elec. Lt. Plant; cost $15,000.
¶ Pur. Agt. C. L. Kimball........Clinton
*Supt. Fred Ellis................. "
1 a. c. G. E. 75 kw. 2200 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e F. & S: 120 hp. e. (direct connected) Ball; 300 hp b. Bab. & W.
30 city arcs 6.6 amp; 90 series tung. 100 w: moonlt; coal $2.15.
D L S 3 ✠ 125

**CLIO,** 810—Consumers Power Co. See Jackson.
Engr. Pwr. Sta. F. F. Secor .........Clio
3 d. c. F. M. & Co., C. W. Tri. tot. 68 kw. 230 v; d. c. day & nt. ltg. & mo. cir. 125 v; 130 hp. e. Rus. H. &. B., Cor; 200 hp. b. Wickes. Nagel.
City cont. 28 Mazdas 100 w. $28.80 per yr; 11 P. M; coal $2 50.
C D L S ✠ ★125

**COLDWATER,** 5,945—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $235,000 (elec. lt. $93,000.)
Pres. Bd. G. H. Phinney.......Coldwater
*¶ Mgr. & Cont. Agt.
K. E. Norton................. "
Engr. Pwr. Sta. Geo. Moag..... "
2 a. c. Stan, G. E. tot. 350 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 115 v; 475 hp. e. Erie, Rus; 600 hp b. Mur, Erie.
184 city incs. "C" 600, 250 & 100 c. p; 88 orna. 5 lt. posts and 35 orna. 3-lt. posts; moonlt. all nt; coal $2.05.
D L S 2 ✠ 16

***COLON,** 853—United Elec. Co. See Burr Oak.

**COLUMBIAVILLE,** 369—Wm. Peter Estate.
*Mgr. R. S. Spencer........Columbiaville
Engr. E. D. Seeley.......... "
1 a. c. West. 50 kw. 1100 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 160 hp. b. McKinnon.
City cont. 10 arcs Adams-B. 500 w. $50 per yr. moonlt; coal $3.
L S 2 ★125

**CONSTANTINE,** 1.244 — Constantine Hydraulic Co. See Three Rivers.

**CORUNNA,** 1,384—Consumers Power Co. See Jackson.

**CROSWELL,** 1,380—Munic. Elec. Lt. & Wtr. Plant.
Mayor. F. J. Ballentine.........Croswell
Sec. Fred. Ker lake............. "
Treas. A. F. Fishbun........... "
*¶ Mgr. G. C. Hanson .......... "
Ch. Engr. Walter Tucker....... "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Rus; 200 hp. b. Penn.
55 city tung. 300 c. p. $35 per yr; moonlt; coal $3.
D L S 3 ✠ 75

***CROTON,** 55—Consumers Power Co. See Jackson.

**CRYSTAL,** 150—Crystal Elec. Lt. Plant.
*Owner & Mgr. Otis A. Sanford...Crystal
Ch. Engr. J. F. Shively ........... "
Engr. Pwr. Sta. E. Neuman ....... "
1 d. c. Eddy 15 kw. 250 v; d. c. day & nt. ltg. cir. 110 v; d.c. day & nt. mo. cir. 220 v; 60 hp. e. Russell; 125 hp. b. Leffel; 16 amp. hr. stor. bat. E. S. B. 250 v. 20 amp.
Coal $4.
C L S ✠ ★125

**CRYSTAL FALLS,** 3,775—Munic. Lt. & Wtr. Plant; cost $75,000; bds. $20,000.
Mayor. Robert Munns.......Crystal Falls
Clerk, Wm. Gribble........ "
Treas. Adolph Miller....... "
*¶ Supt. Ch. Engr. & Elecn.
J. H. Sanders............. "
3 a. c. Ft. W. G. E., West. tot. 750 kw. 2200 v. 3 ph. 60 cys; 1 rect. G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 800 hp. turb. (wtr.) Leffel, Smith.
62 city arcs G. E. 7.5 & 4 amp. $60 per yr; 100 Mazdas 60 w. $3 per yr; all nt
D L W 1 3 ✠ ★125

**DAVISON,** 673 — Davison Lighting Comn.
Pres. P. H. Peters ...............Davison
V. Pres. L. G. Gifford........... "
Sec. I. J. Perry.................. "
*Mgr. & Engr. Pwr. Sta.
E. J. McBratney .............. "
4 d. c. F. M. & Co. tot. 46 kw. 125 & 550 v; d. c. day (2 half days each week) & nt. ltg. & mo. cir. 125 v; 67 hp. e. (gas & oil) F. M. & Co.
48 city incs. series 60 w. 11 P.M; gasoline & kerosene.
C D G L ★16

**DECATUR**, 1,500 — Munic. Elec. Lt. & Wtr. Plant; bds. $15,000.
Vil. Pres. Dr. J. M. Easton ......Decatur
Clerk M. Hinkley.................. "
Treas. C. L. Ball .................. "
*¶ Mgr. & Cont. Agt.
A V. Morlan..................... "
Engr. Pwr. Sta. J. Hallock...... "

2 a. c. Ft. W. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v: a. c. day & nt. mo. cir. 220 v; 360 hp. e. Skinr, Ball; 400 hp. b. Wick; stm. htg.

89 city lamps 10 P.M; coal $3.00 (approx.)
D H L S 3 ★125

**DECKERVILLE**, 628—Munic. Elec. Lt. & Pwr. Plant.
Vil. Pres. E. M. Paige........Deckerville
Treas. C. E. McClusky....... "
*¶ Supt C. Adiel Sink....... "

2 a. c. Ft. W., G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v: 210 hp. e. Mur. Skinr; 160 hp. H. S. & G.

50 city incs. "C" 200 w. $20 per yr. moonlt 12 P.M; coal $3.60 (approx.)
D L S 3 ✠ ★125

**DEERFIELD**, 443—*C. P. Schroeder & Co.; cap. auth. & pd. in $9,000, 15 p. c. div.
Pres. & Mgr. Wilhelm Schroeder, Deerfield

1 d. c. G. E. 50 kw. 220 v: 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day mo. cir. 112 v. s. ph. 60 cys; d. c. ltg. & mo. cir. 220 v: 80 hp. e. Wodbari & B; 80 hp e. (oil) F. M. & Co.; 100 hp. turb. Leffel; 80 hp. b. Wodbari & B.

City cont. 200 incs. 40 w. $7 per yr. moonlt. mdnt; coal $3. (Co. also lts. Petersburg.)
C D G L S W 1 3 ✠ 23

**DETROIT**, 465,766—The Detroit Edison Co. Office, 18 Washington Ave; New York office. 30 Broad St. (Owns capital stock of The Peninsular Elec. Lt. Co., The Edison Illg. Co. of Detroit, Eastern Michigan Edison Co., Delray Terminal R. R., St Clair Construction Co., Murphy Pwr. Co. and Central Htg. Co. of Detroit).
Pres. & Gen. Mgr. Alex. Dow....Detroit
V. Prests. Alfred Jaretzki...... "
Alfred C. Marhsall... "
Treas. Geo. R. Sheldon.......... "
Sec. & Asst. Treas.
Jas. F. Fogarty...............New York
Asst. Sec. & Asst. Treas.
Sam'l C. Mumford..............Detroit
25

The Edison Illuminating Co. of Detroit. Washington Ave. and State St. (Operates Peninsular Elec. Lt. Co and Central Htg. Co. of Detroit. Controlled by The Detroit Edison Co., which see for executive officers.)
Sales Mgr. S. M. Sheridan.........Detroit
¶Pur. Agt. J. W. Brennan ........ "
Gen. Supt. Geo. W. Cato.......... "
Ch. Engr. Pwr. Plants J. R. Wilde "

8 a. c. G. E. tot. 93,000 kw. 4600 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 1000 kw. 150 v; trans. 22.000-4400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 120-110 v. 60 cys: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. ltg. cir. 220 110 v; d. c. mo. cir. 240 v· 93.000 kw. turb (stm.) G. E; 1400 kw. e. U. & S; also stm. htg. through Central Htg. Co. of Detroit.

Co. does ltg. in Detroit, Highland Park. Hamtramck. Grosse Pointe Farms, Almont, St. Clair Heights, Almont and Marine City.
C D H L S 3 25

Eastern Michigan Edison Co. (Absorbed Washtenaw Lt. & Pwr. Co., St. Clair Edison Co. and Rochester Lt. & Pwr. Co.) (Controlled by the Detroit Edison Co.) (Power plants in Ann Arbor, Mt. Clemens and Northville (leased); serves Ann Arbor, Armada, Birmingham, Dearborn, Memphis, Milan, New Boston, New Haven, Oakwood, Richmond, Rochester, Romeo, Royal Oak, Saline, So. Lyon, Trenton, Wayne and other towns in surrounding counties.)
Pres. Alex Dow,
18 Washington Ave., Detroit
*V. Pres. A. C. Marshall
18 Washington Ave., Detroit
Sec. J. F. Fogarty......New York, N. Y.
Treas. G. R. Sheldon.... " "
¶ Pur. Agt. J. W. Brennan,
18 Washington Ave., Detroit
L 85

Public Ltg. Com. (Munic.), 56 Atwater St. E.; cost $2.847,567.80; bds. $799,000.
Pres. Chas. H. Bryan...56 Atwater St., E.
V. Pres. James T. Lynn. " "
Sec. Frank T. Bowler. " "
Treas. Max C. Koch.............City Hall
Supt. Frank R. Mistersky,
40 Atwater St., E.
*Asst. Supt. L. J. Schrenk
40 Atwater St., E.
Ch. Engr. Edward Kahl "

5 a. c. Stan. West. tot. 11.450 kw. 2200 v. 2 ph. 60 cys: trans. volt. 5500 & 6600 v. s. & 3 ph. 60 cys; 105 rect. G. E. tot. 2512 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 1200 kw e. Hodge, Wms; 10,250 kw. turb. (stm.) West; 3500 hp. b. Peck, Wick, Sterling.

8690 city arcs lumn. & a. c. 320 & 450 w. $24.28 per yr; 37,642 Gem & Tung. 50 w. all nt; coal $2.15 & $2.40. (Installing 2 685 hp. boilers.)
D L S 1 2 3 ★125

National Gas, Elec. Lt. & Pwr. Co. Office, 1714 Ford Bldg. (This is a holding company and controls the Goshen (Ind.) Gas Co., Joplin (Mo.) Gas Co., Portsmouth (Ohio) Gas Co., Niles (Mich.) Gas Lt. Co., Warsaw (Ind.) Gas Co., Rome (N. Y.) Gas Elec. Lt. & Pwr. Co., Quincy (Ill.) Gas & Elec. Htg. Co., Cape May (N. J.) Illg. Co., Carbondale (Pa.) Gas Co., and Port Huron (Mich.) Gas & Elec. Co.; cap auth. $10,000,000; issued, prfd. $2 089,300 & common $1,403,800; bds. $1.295,000, 6 p. c.
Pres. Jas. T. Lynn...................Detroit
V. Prests. M. B. Daly.....Cleveland. O.
R. T. Gray.............Detroit
*Sec. V. N. Gurney................ "
¶ Treas. A. L. Wilkinson ......... "
Gen. Supt. D. F. Burritt........... "
125

Murphy Power Co. (Controlled by The Detroit Edison Co.)

4 a. c. G. E. tot. 4500 kw. 4600 v. 3 ph. 60 cys: 3 mo. gen. G. E. tot. 3000 kw; d. c. day & nt ltg. cir. 123 v: d. c. mo. cir. 240 v: 1000 kw. turb. (stm.) G. E; 2400 hp. b; 1200 amp. hr. elec. stor. bat. Phila. Stor. 250 v; also ice plant and stm. htg.

Coal $2.75.
C D H I L S 65

**DEXTER**, 726—Munic. Elec. Lt. Plant; cost $12,000.
*Pres. P. Rieder...................Dexter
Mgr. C. H. Tuffs................... "

1 a. c. Warren 60 kw. 2200-110 v. 2 ph. 60 cys: no day cir; 80 hp. e. Sknr; 100 hp. b. Union.

22 city arcs a. c. series $25 per yr; 650 com. incs. 16 c. p. 8 cts. per kw; 1 A. M. coal $3.
L S 2 ✠ 23

**DOLLAR BAY**, 1.545 — Houghton County Elec Lt. Co. See Houghton.

a. c. day & nt. ltg. cir. 120 v. 60 cys: a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys.
D L 1 2 26

**DOWAGIAC,** 5,088—Munic. Lt. & Wtr. Plant; bds. $24,000.
Pres. Bd. Pub. Wks. F. J. Dunnington, Dowagiac
*¶ Cont. Agt. & Supt.
W. E. Reynolds........ "
Ch. Engr. M. Abbott ........... "
Asst. Engr. A. Rogers........... "

1 a. c. turbo-gen. West. 187 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 242 hp. b. Lyons, Bab. & W; 20 hp. e. Engberg.

300 city incs. "C" series 100, 250, 500, 750 & 1000 c. p. $25, $40, $60 & $50 per yr; moonlt. 2 A. M; coal $3.

D L S 3 ✢ 125

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Beckwith Estate Electric Lt. Dept; cap. $150,000; no bds.
Pres. Fred. E. Lee............ Dowagiac
*¶ Mgr. & Cont. Agt. G. M. White "
Engr. Pwr. Sta Elmer Neff..... "
Asst. Engr. Pwr. Sta. Chas Cooper "

4 a.c. G. E. tot. 1000 kw. 3450-600 v. s. & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 550 v. 3 ph. 60 cys: 1200 hp. e. Allis-C; 110 hp. turb. Risd; 1200 hp. b. Bab. & W.

Coal.

D L S W 1 3 ✢ 125

**DUNDEE,** 1,070 — Dundee Pwr. Co. Gen. office, 80 Griswold St., Detroit. (1 hydro elec. and 1 steam gen. sta. in Dundee); cap. outstdg. $30,000; bds. outstdg. $30,000.
Pres. E. P. Decker. 80 Griswold St., Detroit
V. Pres. N. D. Carpenter. Ford Bldg. "
Sec. & Treas. Phil. C. Decker, 30 Griswold St., "
*Mgr. H. G. Grey.......................Dundee

3 a. c. G. E. tot. 200 kw. 250 v. 3 ph. 60 cys; 1 rect. G. E. 50 lts; a. c. day & nt. cir. 115 v; a. c. day & nt. mo. cir. 250 v; 120 hp. e. —; 160 hp. b. —; 210 hp. wtr. wh. Trump.

City cont. 38 G. E. arcs 4 amp $65 per yr. and 8 Mazdas 100 w. $22 per yr. all nt; coal $2.75.

D L S W 3 125

**DURAND,** 2,500—Munic Lt. & Wtr. Plant; cost $50,000; bds. $9,000 (Lt.) & $32,000 (Wtr.)
Pres. Vil. V. W. Tourge..........Durand
Chmn. Wtr. & Lt. Com.
T. Henry........................ "
Sec. D. M. Trimble............ "
Treas. Fay Wenzel................ "
*¶ Mgr., Supt., Cont. Agt. & Engr.
H. F. Rosencrans................ "

2 a. c. Ridg. tot. 265 kw. 1100 v. 3 ph. 60 cys; 1 rect. 25 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 325 hp. e. Ridg, Rus; 400 hp. b. Wick.

54 city Mazdas 200 c. p. $30 per yr; 24 boulevard 5-lt. posts 260 c. p. $30 per yr; moonlt; coal $2.70.

D L S 3 ✢ ★125

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*Consumers Power Co. See Jackson.

**EAST JORDAN,** 2,516 — East Jordan Elec. Lt. & Pwr. Co.; cap. $18,000; bds. $50,000.
Pres. Chas. S. Abbott 823-5 Majestic Bldg., Detroit
Sec. & Treas. M. H. Abbott " "
*¶ Supt. L. G. Balch.............E. Jordan
Ch. Engr. Pwr. Sta., M. Hart... "

3 a. c. E. M, G. E, Bull. tot. 465 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 100 v; a. c. day & nt. mo. cir. 2200-440-220 v. 3 ph. 60 cys: 525 hp. e. Strait, Ideal; 300 hp b. Musk.

City cont. 42 arcs G. E. 600 w. $51 per yr; mdnt; coal $3 30.

D L S 3 ✢ 75

**EASTLAKE,** 1,858—R. G. Peters Salt & Lumber Co.: cap. $1,000,000
Receivers, The Michigan Trust Co.
Pres. R. G. Peters................Manistee
V. Pres. Wm. H. Anderson, Grand Rapids
*Sec. A. W. Farr.....................Eastlake
Asst. Treas. J. R. Peters........Manistee
¶ Gen. Mgr. R. A. Nickerson.... "
M. M. Chas. Gratemate........... "

2 d. c. W. E. tot. 125 kw. 110 v; d. c. day & nt ltg. & mo. cir. 110 v; 1500 hp e; 50 hp. e. (gas) F. M. & Co.; 75 hp. gas pro. F. M. & Co.; 2000 hp. b

C D G L S ✢ 104E

**EAST TAWAS,** 1,452—Munic. Elec. Lt. & Wtr Plant; cost $20,000; bds auth. & outstg. $30,000.
Mayor R. D. Culter...........East Tawas
Clerk, A. J. Noel............ "
Sec. Jno. W. Tait. ........... "
Treas. Chan Deace ........... "
*Mgr. & Ch. Engr. Frank Black "

1 a. c. G. E. 150 kw. 1150 v. 3 ph. 60 cys. a. c. nt. ltg. cir. 110 v; 250 hp. e. Cor; 100 hp. b. McKinnon.

20 city arcs 200 c. p; 2000 incs. 16 c. p. 10 cts. per kw; all nt; coal $3.10. (Also lts. Tawas City.)

L S 3 75

**EATON RAPIDS.** 2,094—Munic. Elec. Lt. Plant: cost $28,000; bds. $12,000, 4½ p. c. int.
Mayor, J. S. Hamlin........Eaton Rapids
Comr. B. H. Custer......... " "
City Clerk, Harry Degolia.. " "
*¶ Cont. Agt. & Supt.
J. R. Ellison............... " "
Ch. Engr. Pwr. Sta.
D. H. Crandall............ " "

3 a. c. G. E. Allis-C, tot. 287 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.: 200 hp. e. Sknr; 330 hp. b. McLaughlin, Erie.

48 city series tung. 200 w. and 100 tung. 60 w; moonlt; coal $2.70.

D L S 1 3 ✢ ★125

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Consumers Power Co. See Jackson.

**EDMORE,** 752—J. H. Gibbs & Son.
*¶ Mgr. J. H. Gibbs Jr. ..........Edmore
Ch. Engr. J. Lewis................ "
Elecn. A. L. Schwemer............ "

3 d. c. C.-W. Ft. W. tot. 85 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v d. c. day & nt. mo. cir. 220 v; 160 hp. e. A. B C, Bates; 180 hp. b. Wickes, Prob-t.

City cont. 30 Mazdas 60 w. $12 per yr; 7 Mazdas 100 w. $14.40 per yr; moonlt; coal $2.40.

C D L S ✢ ★16

**ELK RAPIDS,** 1,673—Elk Elec. Co.; cap. outstg. $25,000; no bds.
Pres. & Mgr. J. B. Griffin.....Elk Rapids
V. Pres. Lincoln Brown.... Chicago Ill.
Sec. & Treas. C D. Towne....Elk Rapids
* Supt. J. E. Schmaltz........ "

2 a. c G. E. tot. 210 kw 2300 v. s. ph. 60 cys; 1 arc W. E. 35 lt; a. c. day & nt. ltg. cir. 110 v: a. c. day mo. cir; 350 hp. wtr. wh. Sampson.

City cont. 31 arcs 6.6 amp. $75 per yr; 2 incs. 100 c. p. 6.6 amp. $15 per yr; moonlt. (Also lts. Williamsburg, Bates and Acme.)

D L W 1 ✢ 75

**ESCANABA,** 13,194—* Munic. Electric Lt. Plant; cost $80,000; bds. $17,500.
Pres. Bd. of Public Wks.
L. J. McMartin.................Escanaba
¶ Supt. John Roemer............ "

Purchases energy from Escanaba Pwr. Co; 6600 v. 3 ph. 60 cys; 2 transf. G. E. a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 3 ph. 60 cys; 450 hp. e. H. & B, Allis; 700 hp. b. Stir. Fernstrom

146 city Mazdas $55 per yr; all nt.

D L S 1 3 ✢ 125

**ESSEXVILLE,** 1,477 — Consumers Power Co. See Jackson.

**EVART,** 1,386—Munic. Elec. Lt. Plant; cost $20,000; bds. $5,500.
Vil. Pres George B. Wilson ......Evart
V. Pres. Irwin Chase...... .. ..... "
*Clerk. C. V. Priest.................. "
Treas. Harry Day..................... "
¶ Pur. Agt. Finance Com........... "
Supt. Ch. Engr. & Elecn. Thos. Seath........................... "

2 d. c. W. E, Stand, tot. 121 kw. 250-220 v; no day cir; 80 hp. e. Erie, Rus: 120 hp. b. Wickes.

24 city arcs $40 per yr; 4000 com. incs. 16 c.p. 6 cts. per kw; moonlt. mdnt; wood, $1.40; coal $3.50.

C L S 72

**FENNVILLE,** 533 — Fennville Milling Co.; cap. auth. & issued $ 0.000.
*Mgr. M. C Hutchinson.. ...Fennville

1 d. c. G. E. 40 kw. 125-110 v; d. c. ltg. cir. 110 v; 85 hp. e. Lycoming; 100 hp. b. Musk.

City cont. 50 tung. 60 w. $9.60 per yr.

C L S ✠ 25

**FENTON,** 2,331—Consumers Power Co. See Jackson.

Energy from Flint; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 440 v. 3 ph. 60 cys.

City cont. 67 Mazdas, 250 w. $38 per yr. 1 A. M.

D L 3 115

* **FLINT,** 38.550—Consumers Power Co. For executive officers, see Jackson
Dist. Mgr. F. A. Beard.............Flint

3 transf. G. E. tot. 9000 kw; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph 60 cys.

City cont. 250 arcs G. E. 2000 c. p. $60 per yr; all nt.

D L 3 ★85

**FLUSHING** ,938—Hart Milling & Pwr. Co., Inc.; cap. $100,000; bds. $17,000.
Pres. Ira T. Sayre................Flushing
V. Pres L. E. Hart............. "
* ¶ Sec., Treas. & Mgr. R. O Hart.................... "
Engr. Pwr. Sta. E. O. Eckhardt "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Sprague 75 kw. 240 v; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v; d. c. ltg. cir. 110 v; d. c mo. cir. 220 v; 150 hp. b. Mur; 135 hp. e. Mur; 450 hp. wtr. wheel Trump.

110 incs. 70 c. p. $10 per yr; moonlt; coal $2 90.

C D L S W 3 ✠ 25

**FOWLER,** 476—Sturgis & Sons.
*Mgr. L. Sturgis...................Fowler

2 d. c. tot. 50 kw. 220 v; d. c. day & nt ltg. cir; 80 hp. e. Atlas; 100 hp. b. Atlas; 15 hp. e. (gas) F. M. & Co.

City cont. Mazda lamps 8 hrs; coal.

C D G L S ✠ 125

**FOWLERVILLE,** 905—Fowlerville Ltg. Co.
*¶ Mgr. & Cont. Agt. Geo. T. Greenaway.........Fowlerville
Engr. Pwr. Sta. Walter Glover "

2 arc W. E. 55 lt; 4 d. c. Bull. tot. 70 kw. 120 v; d. c. day & nt. cir; 220 hp. e. Bckye; 200 hp. b. Bckye; 80 kw. hrs. stor. bat

City cont. 26 arcs $50 per yr; moonlt; coal.

C D L S ✠ 16

**FRANKFORT,** 1.555—Benzie County Pwr. Co.; cost $150.000; cap. $75.000 no bds.
Pres. E. Zimmerman. .........Frankfort
V. Pres. John E. Bruce.....Cincinnati, O.
*¶Sec. & Treas. E. L. Johnson, Frankfort
Ch. Engr. S. B. Wiggins...... "

2 a c. Ft. W, West. tot. 500 kw. 2300 v. 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; 3 tranf. Ft. W. tot. 375 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Allis C; 300 hp. b. Muskegon.

City cont. 24 arcs 1200 c. p $70 per yr; all nt; coal $3. (Co. also lts. South Frankfort, Bulah, Crystalia, Benzonia and Elberta.)

D L S 3 ✠ 94

**FREMONT,** 2,009—Consumers Power Co. See Jackson.

**GAYLORD,** 1,800—*Munic. Elec. Lt. & Water Works; cost $25 000.
¶ Supt. Wm. Sivier..............Gaylord
Engr. Pwr. Sta. C. Mohn......... "

2 a. c. Warren, Ft. W. tot. 140 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 325 hp. e. Nagle, Cor; 225 hp. b. Wickes, Erie City.

30 city arcs a. c. series 6.6 amp. $70 per yr; moonlt; shavings $700 per yr. and coal $2.25 per ton.

D L S 1 74

**GLADSTONE,** 4.211—Munic. Elec. Lt. Plant; cost $52,000; bds. $17,000.
Pres. Bd. Comrs. A. E. Neff...Gladstone
Sec. & Treas. A. L. Williamson "
*¶ Gen Supt. G. A. Frogner... "

Purchases energy from Escanaba Trac. Co; 1 arc West. 17 kva; 2 transf. West. tot. 250 kva; a. c. day & nt. ltg. cir. 114-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

52 city Mazdas "C" 600. 400 & 250 c. p., $60. $50 & $35 per yr; moonlt. (Also lts. Kipling and sells energy in bulk to Rapid River Elec. Lt. Co.)

D L 1 3 ✠ ★125

**GLADWIN,** 988—Gladwin Lt. & Pwr. Co.; cap. $50,000.
Pres. Chas. W. Kuehl............Saginaw
V. Pres. Wm. Fitzpatrick........Detroit
Sec. Wm. Croll................ Beaverton
Treas. E. L. Beach................Saginaw
*Mgr. Wm. Maes.................Gladwin

2 a. c. Westg. tot. 250 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 220-110 v 3 ph. 60 cys; 400 hp. turb. Lef.

City cont 47 incs. 75 w.

D L W 3 ✠ 25

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Consolidated Lt. & Pwr. Co. See Mt. Pleasant.

**GRAND HAVEN,** 5,856—Munic. Elec. Lt. Plant; cost $25,000.
*City Clerk, William Wilds
308 So. Third St., Grand Haven
Engr. Pwr. Sta. Robt. Moore
Franklin St.. "

3 a. c. Ft. W, W. E. tot 470 kw. 2300 v. s. & 2 ph. 60 cys; a.c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 220 v; 700 hp. e. Erie, Ball, Rus; 400 hp. b. Stir.

108 city arcs Ft. W; all nt; coal $3.10.

D L S 2 14

**GRAND LEDGE,** 2,893—Consumers Power Co. See Jackson.

**GRAND MARAIS,** 900—Grand Marais Lt. & Wtr. Plant.
*Mgr. J. S. Chisholm.......Grand Marais

2 a. c. G. E. tot. 179 kw. 1000-100 v. s. ph. 60 cys; no day cir; 200 hp. e. Green; 205 hp. b Wickes.

City cont. 8 arcs 2000 c. p. $60 per yr; 25 incs. 32 c.p. $7.80 per yr; all nt.

L S 1 ✠ 44†

**GRAND RAPIDS,** 112 571 — Munic. Elec. Lt. Plant; cost $125,000; bds. $125,000. 4 p. c. int.
Mayor. Geo. E. Ellis........Grand Rapids
Pres Bd Henry J. Klevorn "
*Sec. & Mgr. Lewis D. Cutcheon "
Treas. Jas. S. Hawkins.... "
¶ Pur. Agt. Jas. A. Kinney. "
Engr. Pwr. Sta. Chas. W Merritt "

1 a. c. Ft. Wayne 105 kw. 2300 v. 2 ph. 60 cys; 10 arc G. E. tot. 1500 lt; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. mo. cir. 240 120 v. 2 ph. 60 cys; 600 hp e. Rus; 1470 hp. b. Bab. & W; 600 kw. stm. turb. Allis-C.

1234 city arcs 2000 c. p. $56.90 per yr; 1880 carbon & Mazdas 25 to 100 w. 3 cts. per kw; 320 5-lt. Boulevard posts 60 & 100 w. Mazdas; all nt; coal $2 64.

D L S 2 ★125

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*Consumers Power Co. For executive officers, see Jackson.

Dist. Mgr.
Samuel A. Freshney......Grand Rapids

a. c. & d. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240 v. 3 ph. 30 cys; d. c. day & nt. mo. cir. 240 v; stm. htg.

C D H L 3 ✠ ★85

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American Public Utilities Co. (Controls, through stock ownership, the following properties operated under the management of Kelsey, Brewer & Co.: Albion (Mich.) Gas Lt. Co., Boise (Idaho) Gas Lt. & Coke Co., Elkhart (Ind.) Gas & Fuel Co., Holland (Mich.) City Gas Co., Jackson (Miss.) Lt. & Trac. Co., Wisconsin-Minnesota Lt. & Pwr. Co. (Eau Claire, Wis.), Merchants' Ht. & Lt. Co., Indianapolis, Ind., Utah Gas & Coke Co., Salt Lake City, Utah, Valparaiso (Ind.) Ltg. Co. and Winona (Minn.) Gas Lt. & Coke Co.)

Chmn. of Bd.
Chas B. Kelsey..........Grand Rapids
Pres. & Gen. Mgr.
Jos. H. Brewer........... "
V. Pres. Joseph S. Hart..... "
Sec. Blaine Gavett.......... "
Treas. Willis J. Ripley...... "
Ch. Engr. Byron T. Gifford "
Asst. Engr. Seymour W. Cheney "

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United Light & Railways Co. Offices, 823 Michigan Trust Bldg., Grand Rapids, Davenport, Ia., and 836 Commonwealth-Edison Bldg., Chicago, Ill. Controls through ownership of all, or a large majority of the stock, the following cos: Cadillac (Mich.) Gas. Lt. Co., Cedar Rapids (Ia.) Gas Co., Cedar Rapids & Marion City Ry., Chattanooga (Tenn.) Gas Co., Ft. Dodge (Ia.) Gas & Elec Co., Grand Rapids, (Mich.) Grand Haven & Muskegon Ry. Co., Iowa & Illinois Ry. Co. (Clinton & Davenport, Ia.), La Porte (Ind.) Gas & Elec. Co, Mason City (Ia.) & Clear Lake R. R. Co., Ottumwa (Ia.) Gas Co., Peoples' Gas & Elec. Co. (Mason City, Ia.) and the Tri-City Ry. & Lt. Co., which serves Davenport, Muscatine, Iowa City and suburban towns in Iowa and Rock Island, Moline, East Moline and suburban towns in Illinois: cap. outstg. $6.899.568 com. & $9,481,400 pfd.: bds. $7,211,000.

Pres. Frank T. Hulswit......Grand Rapids
V. Prests. Gen. Mgr.
Richard Schaddelee "
Chmn. Ex. Com.
Joseph F. Porter, Davenport, Ia.
Sec., Asst. Treas. & Audr.
L. H. Heinke.............Grand Rapids
Treas. & Asst. Sec.
C. M. Hurd.............. "
Asst. Gen. Mgr.
B. J. Denman...........Davenport, Ia.
¶Pur. Agt. H. E. Green....Grand Rapids
Consult. Engr. T. J. Weber "

★16

**GRASS LAKE,** 760—*Munic. Elec. Lt. Plant.
Supt. John Rohrer............Grass Lake

L 34†

**GRAYLING,** 1,775—Grayling Elec. Co.; cap. auth. & pd. in $20,000.
Pres. Geo. L. Alexander........Grayling
*¶ Treas. & Mgr. Marius Hanson. "
Ch. Engr. Chas. Turner......... "
Ch. Elecn. C. C. Fehr........... "

1 a. c. G. E. 90 kw. 2200 v. 2 ph. 60 cys; a. c. ltg. cir. 110 v; 136 hp. turb. Dowling.

City cont. 51 tung. 100 w. moonlt.

L W 2 16

**GREENVILLE,** 4,045—The R. J. Tower Elec. Co.
Owners R. J. Tower.........Greenville
*¶ Mgr. S. L. Tower. "

2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 250 hp. e. Murray; 250 hp. b. Erie; 480 hp. turb. (wtr.) Leffel.

City cont. 55 a. c. series arcs G. E. 6.6 amp. $55 per yr. and 30 incs; 1 A.M. & 5 A.M. to dawn; coal $2.80.

D L S W 3 ✠ 125

**HAMTRAMCK,** 3,559 — The Edison Illuminating Co. of Detroit. See Detroit.

**HANCOCK,** 8,981 — Houghton County Elec. Lt. Co. See Houghton.

a. c. day & nt ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.

D L 1 2 26

**HARBOR BEACH,** 1,556—The Harbor Elec. Co.: cap. $10,000.
Pres. J. G. Kiah...........Harbor Beach
V. Pres. C. H. Frame...... "
*¶Sec. Treas. Mgr. & Cont. Agt.
B. F. Huestis............. "
Supt. & Engr. Pwr. Sta.
J. I. Bennett............. "

2 a.c. Ft. W, G. E. tot. 650 kw. 440 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440 v. 3 ph. 60 cys; 150 kw. e. Chuse; 500 kw. stm. turb. G. E.

D L S 3 ✠ 16

**HARBOR SPRINGS,** 1,805 — Munic. Elec. Lt. Plant; cost $53,184.45.
¶ Mgr. & Cont. Agt.
J. L. Connell...........Harbor Springs
Clerk, W. D. Wright...... "
Engr. Pwr. Sta.
Ed. G. Bradfield ....... "

3 a. c. Westg, Allis-C, tot. 260 kw. 2200 v. s. ph. 60 cys; a.c. day & nt. ltg. & mo. cir. 110 v. 580 hp. e. Allis-C, Ham; 450 hp. b. Erie City, Wickes.

18 city arcs Westg. 1500 c. p. $50 per yr: 125 series incs. 100 w. $7 per yr; moonlt: wood $2.25, coal $3.50 (Also lts. following summer resorts: Wequetonsing, Forest Beach, Roaring Brook, Harbor Point, Ramona Pk. and Mononaqua Beach.)

D L S 1 ✠ 25

**HARRISVILLE,** 444—Munic Elec. Lt. Plant; cost $7,000; bds. $4,500, 5 p. c. int.
*Vil. Pres. Geo. Rutson .......Harrisville
¶ Mgr. & Engr. Pwr. Sta.
D. E. Storms............... "

1 d. c. Bull 60 kw. 220 v; d. c. nt. ltg. cir. 220 v; 40 hp. e. Rus; 40 hp. b. Erie.

12 city arcs 4 amp. $40 per yr; com. incs. 10 cts. per kw; moonlt. mdnt; wood $1.25.

C L S ✠ 23

**HART,** 1,555—Stearns Ltg. & Pwr. Co. See Ludington.

**HARTFORD,** 1,268—Anderson Bros.
*Mgr. M. J. Anderson..........Hartford
Engr. Pwr. Sta. W. S. Hartman.. "

2 a. c. West. tot 175 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys: 175 hp. turb. Leff.

City cont. 90 Mazdas 60 w. $12 per yr; moonlt.

D L W 1 3 ✠ 25

**HASTINGS,** 4,383—Thornapple Gas & Elec. Co. (Wtr. pwr. sta. 3 miles northeast of Caledonia, Kent Co.; steam plant at Hastings); cap. outstg. $400,000; no bds.

Pres. J. T. Pratt.........New York, N.Y.
V. Pres. Edward Harding "
Sec. & Treas. Fred. G. Kaye "
Oper. Mgrs. J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N. Y.
*¶ Mgr. & Cont. Agt.
L. W. Heath.....................Hastings
Gen. Supt. G. H. Briggs......... "
Engrs. Pwr. Sta. } (Stm.) Frank Kelley.. "
(Wtr.) Leroy Cain...Caledonia

Pwr. stas. equipt; 3 a. c. G. E. Stan, tot. 660 kw. 2300-2400 v. 3 ph. 66 cys; a. c. day & nt. ltg. cir. 120 v. 66 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 66 cys; 300 hp. e. Rus; 950 hp. turb. Dayton-Globe; 315 hp. b. Stir, Atlas.

City cont. 22 arcs 550 w. $50 per yr; 210 mult. tung. 40 & 60 w. single & cluster; 100 carbon 32 c. p; 1 A. M & all nt; coal $3 30. (Co. also lts. Middleville, Nashville. Caledonia and Lake Odessa.)

D L S W 1 3 ★125

**HIGHLAND PARK,** 4,120—The Edison Illg. Co. of Detroit. See Detroit.

**HILLMAN,** 411—Hillman Elec. Lt. & Wtr. Co.; cost $9,000.
*Propr. Paul Elowski.............Hillman
Engr. Pwr. Sta. Emil Groziseki.. "

2 a. c. G. E. tot. 120 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 150 hp. turb. Leff. Trump.

City cont. 600 incs. 50 to 250 c. p. $20 & $80 per yr.; moonlt.

L W 1 ✣ 25

**HILLSDALE,** 5,001—Munic. Elec. Lt. & Wtr. Plant. (Pwr. sta., Baw Beese Lake); approx. cost $150,000; bds. $20,000.
Pres. Bd. M. D. O'Meara........Hillsdale
Treas. C. W. Terwilliger......... "
*¶ Mgr. & Cont. Agt.
J. C. Hanson ............ "
Ch. Engr. Pwr. Sta.
G. D. Rankin..........Baw Beese Lake

3 a. c. G. E, Allis-C. tot. 660 kw. 2300 v. 2 ph. 60 cys; 2 arcs G. E. 100 lts; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 2 ph. 60 cys; 300 hp. e. Allis-C, Rus; 280 hp. b. Musk, Erie; 375 hp. turb. (stm.) Allis-C.

71 city arcs. lumn. 4 amp. $40 per yr; 45 Mazdas 60 w. $15 per yr; all nt; coal $2.45.

D L S 1 2 25

**HOLLAND,** 10,490—Munic. Lt. & Wtr. Plant; cost $230,805; bds. $45,000.
Pres. Bd. E. P. Stephan..........Holland
Sec. P. Brusse.................. "
Treas. H. G. Van den Brink..... "
¶ Mgr. R. B. Champion ......... "
Engr. Pwr. Sta. A. E. McClellan. "

3 a. c. West. Allis C. tot. 1800 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 113 v; a. c. mo. cir. 220 v; 450 hp. e. Rus; 1200 hp. b. Stir; 1500 kw. turb (stm.) Allis. C.

2 city incs. "C" 600 c. p. $50 per yr; 252 incs. "C" 250 c. p. $35 per yr. & 1 inc. "C" 60 c. p. $28.50 per yr; moonlt. all nt; coal $2.90.

D L S 2 125

**HOMER,** 1,008—Homer Elec. Lt. & Pwr. Co; cap. $14,000.
Pres. & Engr. Geo. H. Rising ....Homer
*¶V. Pres. Mgr. & Cont. Agt.
W. H. Cortright................ "
Sec. & Treas. S. A. Crane......... "

1 a. c. West. 100 kw. 110 v. 3 ph. 60 cys; a. c. ltg. cir; 100 hp. wtr. wh. Trump.

City cont. 51 Mazdas 400, 250 & 100 w. tot. $125.25 per mo; moonlt. to 12:30.

L W 3 ✣ 125

**HOUGHTON,** 8,000—Houghton County Elec. Lt. Co; cap. outstg. $300,000, (pfd ), $1,000,000 (com ); bds. $650,000, 5 p. c. int.
Pres. Fredk. P. Royce......Boston, Mass.
V. Prests. { James R. Dee......Houghton
Thos. N. Perkins
Boston, Mass.
Sec. Alvah K. Todd......... "
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster
Mgt. Assn............... "
Mgr. Gardner Rogers...........Houghton
¶ Pur. Agt. W. J. Gilson........ "
Supt. C. C. Curtis .............. "
Ch. Engr. Pwr. Sta.
T. V. Whittier................ "

4 a. c. G. E. tot. 2800 kw. 11,000-2200 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v; a. c. mo. cir. 110-220-440 v. s. & 2 ph 60 cys: 2650 hp. e. Nord; 1000 kw. stm. turb. G. E; 1800 hp. b. Stir; also stm. htg; 2 trans. lines 11,000 v. 3 ph. to Calumet and Laurium.

City cont. 400 c. p. tung., $65 per yr., 250 c. p. tung. $45 per yr. and 80 c. p. tung. $23 per yr: all nt; coal $3.40. (Co. does entire elec. ltg. business and portion of elec. pwr. business in Houghton and Keweenaw Counties, including cities and towns of Houghton, Calumet, Laurium, Red Jacket, Lake Linden, Dollar Bay, Hancock. Hubbell, So. Range and mining locations of Atlantic Mine. Isle Royale, Quincy, Osceola, Wolverine, Allouez, Ahmeek and Mohawk; sells energy to Houghton Co. Trac. Co.)

D H L S 1 2 3 26

**HOWARD CITY,** 1,046—Howard City Elec. Lt. & Pwr. Co.; cost $9,500.
*Owner. L. W. Greene......Howard City
Engr. Pwr. Sta. Chas. Dunham "

2 d. c. West. tot. 115 kw. 125 v; d. c. nt. (12 30 A. M.) ltg. cir. 115 v; 225 hp. e. Allis C; 150 hp. b. Eagle.

City cont. 14 arcs d. c. enc. 500 w. $60 per yr; 10 carbon 16 c. p. $1, 32 c. p. $2 and 50 c. p. $2.50 per yr; moonlt. & dark nts; coal $3; wood 85 cts.

C L S ✣ 25

**HOWELL,** 2,338—Board of Public Wks; bds. $15,000.
Pres. A. F. Peavy.................Howell
*City Clerk, L. P. Melendy......... "
Supt. O. M. Russell...... ......... "
Ch. Engr. H. H. Cook...... ...... "

3 a. c. West. tot. 435 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 225 hp. e. Rus, Sknr; 350 hp. b. Penn, Lansing; 26 transf. Ft. W. tot. 300 kw.

48 city arcs W. E. 500 w; 75 Mazdas; 3 cts. per kw; moonlt. mdnt; coal $2.90.

D L S 1 2 ★26

**HUBBARDSTON,** 450—Hubbardston Elec. Lt. Co.
*Owner & Mgr. Harry J. Holbrook.
Hubbardston
Elecn. M. Henry Slocum "
Engr.(nt.)Pwr. Sta. T. S. Strickling "

1 d. c. G. E. 45 kw. 250 v; 183 hp. turb. Leffel; d. c. nt. ltg. cir. 250 v.

City cont. 8 arcs G. E. 3 amp. $50 per yr; 15 tung. 120 w. $12.50 per yr; all nt.

C L W ✣ 75

**HUBBELL,** 1,059—Houghton County Elec. Lt. Co. See Houghton.

a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.

D L 1 2 26

**HUDSON,** 2,178—Southern Michigan Lt. & Pwr. Co. Principal office, Hudson. (Organized to take over the properties of the Hudson Elec Lt. Co. and Morenci-Fayette Lt. & Pwr. Co.)
*Pres. & Mgr. George F. Avis....Hudson
V. Pres. O. Howe................ "
Sec. Floyd D. Avis................ "
Treas. C. J. Avis.................. "
Engr. Pwr. Sta. Earl Scranton... "

4 a. c. G. E. Minpl. tot. 475 kw. 2200 v. 3 ph. 60 cys; a. c. day (part) & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 3 ph. 60 cys; 525 hp. e. Lans, Fitch; 325 hp. b. Atlas, Erie.

City cont. 266 Mazdas series 80, 50 & 32 c.p. $21, $16 & $14 per yr; moonit. all nt; coal $2.50.

D L S 3 ✢ ★16w

**IMLAY CITY,** 1,174—Imlay City Elec. Lt. Co.

*Owner, Ernest A.Boss........Imlay City
Engr. Pwr. Sta. Frank Youngs "

2 d. c. F. M. & Co., 150 kw. 120 v; d c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 175 hp. e. Rus, Erie; 250 hp. b. C. & T.

City cont. 21 arcs A. B. 1200 c. p. $60 per yr; moonlt; coal $3.

C D L S ✢ 73

**IONIA,** 5,030—Ionia Water Pwr. Elec. Co.; cap. $60,000.

Pres. H. R. Wagar.....................Ionia
*V. Pres. & Mgr. Fred J. Owens.... "
Sec. & Treas. E. T. Merriett........ "
Ch. Engr. Carl Bigelow.............Lyons

3 a. c. G. E. tot. 450 kw. 6600 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lts; a. c. day & nt. ltg. cir. 115 v: a. c. day & nt. mo. cir; 600 hp. turb. Lef.

City cont. 75 lumn. arcs $65 per yr; all nt.

D L W 3 75

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*Consumers Power Co. See Jackson.

**IRON MOUNTAIN,** 9,216—Iron Mountain Elec. Lt. & Pwr. Co., 217 E. Ludington St; cap. outstg. $50,000; no bds.

Pres. O. C. Davidson .....Iron Mountain
*Sec. & Treas.
L. T. Sterling, 917 River Ave. "
Mgr. & Supt. Geo. Irving.. "
Engr. Pwr. Sta.
Edmond Fisher............ "

Energy purchased from Peninsular Pwr. Co., Madison, Wis; 3 transf. West. tot. 330 kw; 1 a. c. Bull. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 110-220-440 v; 350 hp. e. Allis-C; 600 hp. b. Frmn. Mil. (Steam plant used in emergency.)

City cont. 97 arcs A. B. series a. c. 6.6 amp. and G. E. Novalux 6.6 amp. series 20 amp. 1000 c. p. $60 per yr. moonlt; coal $3 65.

D L S 3 ✢ ★125

**IRON RIVER,** 3,500—Iron Range Lt. & Pwr. Co. Cap. $50,000; bds. $50,000.

Pres. N. E. Fisher ..........Iron River
V. Pres. E. J. Van Ornum..... "
Sec. I. W. Byers................ "
Treas. E. S. Coe..... ...... "
*Supt. M. D. Parks............. "

Purchases energy from Peninsular Pwr. Co.; 3 transf. Moloney tot. 600 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys.

City cont. 60 type "C" lamps 400 c. p. (51) & 250 c. p. (9) $60 & $50 per yr. all nt. (Also lts. Stambaugh, Palatka and Stambaugh Township.)

D L 1 2 ✢ ★26

**IRONWOOD,** 12,821—Ironwood & Bessemer Ry. & Lt. Co. See Ashland, Wis.

Supt. Charles Smeeth...........Ironwood

Steam power plant; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2300 v. s. & 3 ph. 60 cys.

D L S 1 3 ★16

**ISHPEMING,** 12,448—Marquette County Gas & Elec. Co. (A subsidiary of the of the Middle West Utilities Co.); cap. outstdg. $750,000; bds. $373,000.

Pres. L. E. Myers............Chicago, Ill.
V. Pres. Martin J. Insull..... "
Sec. & Treas. W. H. P. Weston "
*Gen. Mgr. A. C. Harrington..Ishpeming
Supt. Robt Strangberg......... "
Engr. Pwr. Sta.
R. S. Wilhelm................ "

3 a.c. G.E. tot. 800 kw. 2300-110v. 3 ph. 60 cys; 1 d. c. G. E. 110 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; d. c. mo. cir. 550 v; 500 hp. e. Ideal, Buf; 500 kw. stm. turb. G. E. Curtis; 1000 hp. b. Bab. & W. Kendall.

City cont. 65 G. E. series arcs 6.6 amp. $85 per yr; 170 tung. 100 c. p. $30 per yr; all nt; coal $3.15. (Also lts. Negaunee, Winthrop and Palmer.)

C D R S 3 ✢ 125

**ISLE ROYALE**—Houghton County Elec. Lt. Co. See Houghton.

a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.

D L 1 2 26

**ITHACA,** 2000—Munic. Elec Lt. & Wtr. Wks; cost $15,000; bds. $9,000.

Pres. Vil. C. E. Webster............Ithaca
Clerk A. P. Lane.................... "
Treas. Norton C. Gibbs .......... "
*Supt. & Ch. Elecn. H. E. Churchill "
Engr. Pwr. Sta. L. P. Hyde........ "

1 a. c. Ridg. 150 kw. 2300 v. 3 ph. 60 cys; 1 a. c. Ridg. 75 kw. 2300 v. 3 ph. 60 cys. direct connected to 123 hp. e Ridg; a c. day & nt. ltg. cir; 150 hp. e. Cor; 300 hp. b. Brnl.

100 (aprox.) city Mazdas 6.6 amp. 80 & 1000 c. p.

D L S 3 ✢ ★125

**JACKSON,** 31.433—Commonwealth Pwr., Ry. & Lt. Co. (Incorp. in Maine, and is a holding company controlling through stock ownership the Union Ry. Gas. & Elec. Co., Michigan United Trac. Co., Consumers Pwr. Co. (Maine), Grand Rapids Ry. Co., Saginaw-Bay City Ry. Co., Cadillac Wtr. & Lt. Co., Grand Rapids, Holland & Chicago Ry., Springfield (Ohio) Lt. Ht. & Pwr. Co., Michigan Lt. Co., Manistee Ry. Co., Manistee Pwr. & Lt. Co. and Michigan Ry. Co.); cap. outstdg. com. & prfd. $31,000,000.

Pres. Anton G. Hodenpyl.
14 Wall St, New York, N.Y.
V. Prests. { C. M. Clark...... Phila., Pa.
Geo. E. Hardy, NewYork. N.Y.
Sec. & Treas. Jacob Hekma.. "
Asst. Treasrs. { C. A. Pearson.......Phila., Pa.
W. H. Bennett, NewYork. N.Y.

75

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Consumers Pwr. Co. (of Maine). (On July 20, 1915. the Michigan Railroad Commission approved the outstanding securities of this company and the Secretary of State issued a certificate of authority to do business in the State of Michigan. Conveyances of physical property heretofore operated by its various subsidiaries have been made to this company and it now directly owns and operates all of such properties as follows: Au Sable Elec. Co., Bay City Pwr. Co. Central Pwr. Co., Commonwealth Pwr. Co., Consumers Pwr. Co. (Mich.), Economy Pwr Co.. Flint Elec. Co., Grand Rapids-Muskegon Pwr. Co., Grand Rapids Edison Co., Pontiac Pwr. Co. and Saginaw Pwr. Co. Controlled by the Commonwealth Pwr., Ry & Lt. Co.); cap. outstg. $16,000,000; bonds $11,782,000.

Pres. B. C. Cobb .......New York, N. Y.
V. Pres. Geo. E. Hardy "
Sec. & Treas. Jacob Hekma "
Gen. Mgr. C. W. Tippy ..........Jackson
Ch. Engr J. B. Foote........... "
*Asst. Sec. Robert Davey........ "
Asst. Treas. C. E. Rowe..... "
Mgr. Prod. & Trans. T. A. Kenney. "
Dist. Mgr. B. R. Laraway....... "

Steam plants (13): 3 in Battle Creek (1 heating plant), 3 in Grand Rapids, 2 in Saginaw and 1 in Kalamazoo, Jackson, Bay City, Flint and Pontiac.

Hydro-electric plants (17): at Cooke, Five Channels and Loud on Au Sable

River near Oscoda; at Webber on Grand River near Ionia; at Grand Rapids West Side on Grand River; Lowell Nos. 1 & 2 on Flat River near Lowell; Rogers on Muskegon River near Big Rapids; Croton on Muskegon River near Newaygo; Allegan, Trowbridge near Allegan, Otsego, Plainwell near Otsego. Battle Creek, Ceresco and Albion all on Kalamazoo River, and at Shiawassee on Shiawassee River near Durand.

Total equip. 40 a. c. G. E. West. tot. 81,050 kw. 2500, 5000 & 6600 v. 3 ph. 30 & 60 cys; 10 d. c. G. E. tot. 3050 kw. 500 v; 25 G. E. rect. tot. 1225 lt: 3 arc G. E. tot. 450 lt; a. c. day & nt ltg. cir. 120 v; a. c. day & nt. mo. cir. 440 v; d. c. mo. cir 500 v; 29,481 hp. b. Wickes, Sterling, Atlas, etc.; 8630 hp. e. Russell, Allis-C; 53,550 hp. turb. (stm.) G. E; 64,213 hp. wtr. wh. Allis-C, Leffell; trans. volt. 140,000-72,000-40,000 3 ph. 30 & 60 cys.

City cont. 402 arcs magn. $60 per yr; 540 tung. (arches) $7 per. yr; 3 Tung. $20 per yr; all nt; coal $2.65. (Supplies lt. & pwr. in the following cities: Grand Rapids, Muskegon, Saginaw, Bay City, Flint, Kalamazoo, Jackson, Battle Creek, Albion, Pontiac and Owosso; also Ada, Allegan, Augusta, Bailey, Bancroft, Big Rapids, Bryon, Casnovia, Cedar Springs, Charlotte, Comstock, Concord, Coopersville, Corunna, Eaton Rapids Essexville, Fenton, Fremont, Galesburg, Grand Ledge, Grandville, Grant, Kent City, Leslie, Lowell, Michigan Center, Midland, Morrice, Olivet, Otsego (sells in bulk to municipality). Parma, Perry. Rives Junction, Sparta, Spring Lake, Vernon and Zeeland; also operates in Clio.)

C D H N S W 3 ★85

**JONESVILLE,** 1,396 – Munic. Lt. & Wtr. Wks.; cost $28,000; bds. auth. $28,000, 4 p. c. int.

Pres. Bd. Chas. G. White......Jonesville
V. Pres. Wm. Glasgow.......... "
*Sec. E. B. Gregory............ "
Treas. E. H. Saxon.............. "
¶Mgr. Geo. T. Caldwell........ "
Engr. Pwr. Sta. Otis L. Caldwell "

2 a. c. Warren, West. tot. 160 kw. 1100 v. s. ph. 133 cys; a. c. day (Tuesdays and Fridays) & nt. ltg. cir. 105 v. 133 cys; 250 hp. e. Bates, Sknr; 335 hp. b. Massillon, Wickes.

33 city arcs mult. 650 w; 50 tung. 40 w; moonlt; mdnt; coal $2.35.

D L S 1 ✣ 84

**KALAMAZOO,** 39.437--*Consumers Power Co. For executive officers, see Jackson.

Dist. Mgr. F. W. Blowers.....Kalamazoo

a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 440 v. 3 ph; d. c. mo. cir. 550 v.

D L 3 ✣ ★85

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Munic. Lt. & Pwr. Plant; cost $163,000.

Mayor, J. B Balch.............Kalamazoo
Treas. Mr. Stauffer............ "
Audr. Mr. McMartin........... "
*Supt. E. W. Messany........ "
Ch. Engr. Frank Muryne...... "
Engr. Pwr. Sta. Patrick Egan... "

2 a. c. turbo-gen. G. E tot. 1200 kw. 2300 v. 3 ph. 60 cys; 8 rect. G. E. tot. 600 lts: 620 hp. b. Wickes.

575 city arcs G. E. magn. 4 amp. $10 per yr; 1500 incs. Fostoria & West. 60 & 100 w; all nt; coal $2.54.

L S 3 ★125

**KALKASKA,** 1,415 — Kalkaska Lt. & Pwr. Co. Gen. sta., Rugg; cost $55,000; cap. $30,000; no bds.

Pres. Geo. E. Pray.........Traverse City
V. Pres C. C. Jenks............Kalkaska
Sec. & Treas. A. E. Palmer.... "
*¶Mgr. W. S. Palmer........... "
Supt. & Engr. Pwr. Sta.
C. W. Goddard................. "

2 a. c. West, Ft. W. tot. 200 kw. 2100-210-105 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 300 hp. turb. Lef.

City cont. 15 arcs 1200 c. p. $55 per yr; 75 incs. 16 c. p. 10 cts. per kw; all nt.

D L W 1 3 ✣ 25

**KENTON,** 400—Sparrow-Kroll Lumber Co.; cap. auth. & pd. in $100,000.

Pres. ————.................———
V. Pres. A. J. Lansing..........Lansing
*Sec. & Treas. L. A. Baker
603 Realty Bldg., Spokane, Wash.
Mgr. Wm. Kroll..... .. " "
Ch. Elecn. L. Dersnah.............Kenton

1 d. c. G. E. 35 kva. 250 v; 100 hp. e. Dayton; 125 hp. turb. Am.

City cont. 25 incs. 50 c.p. tot. $384 per yr.

C L S 16

**L'ANSE,** 708—L'Anse Hydro Elec. Lt. Plant. Cost $20,000; bds. $10,000.

Pres. R. E. Williams.............L'Anse
*Clerk, Peter Sands................ "
Treas. Ed. Scotte.................. "
Mgr. & Supt. F. H. Monson....... "

1 a. c. Ft. W. 187 kw. 2300-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. turb. Lef.

10 city arcs 1200 c. p. $80 per yr; 24 city incs. 16 c. p.

L W 3 ✣ 23

**LAKE CITY,** 740—Lake City Elec. Lt. & Wtr. Co.

*Owner, Chas. L. Ostrander....Lake City
Engr. Pwr. Sta. Henry Beckner.. "

1 a. c. Ft. W. 60 kw. 110 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 80 hp. e. Rus; 110 hp. b. Hayes.

City cont. 10 Mazdas mult. 400 w. $50 per yr; moonlt; mdnt; wood.

L S 2 ✣ 25

**LAKE LINDEN,** 2,325 — Houghton County Elec. Lt. Co. See Houghton.

Supt. A. W. Gurry...........Lake Linden

a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.

City cont. 10 arcs enc. 6.6 amp. $75 per yr: 49 incs. 60 c. p. $23 per yr.

D L 1 2 26

**LAKE ODESSA,** 1,222 — Thornapple Gas & Elec. Co. See Hastings.

**LAKEVIEW,** 954—*John J. Bale.

1 a. c. T-H 2000-100 v; 75 hp. e; 100 hp. b.

City cont. 15 tung. $25 per yr; mdnt. moonlt; coal $3.

L S X ✣ 125

**LANSING,** 31,229—Munic. Elec. Lt. & Wtr. Plant; bds. $40,000.

Bd. of Comrs.
Pres. Otto Ziegler
523 E. Michigan Ave, Lansing
Sec. W. B. Kirby
City Hall............ "
*¶ Mgr. & Cont. Agt.
Guy G. Crane, City Hall "
Supt. of Ovhd. Distrbn.
Frank A. Baker.............. "
Engr. Pwr. Sta. H. G. Childs..... "

4 a. c. Allis-C, G. E. tot. 5325 kw. 2300 v. 3 ph. 60 cys; G. E. rect; a. c. day & nt. ltg cir. 114 v; a. c. day & nt. mo. cir. 440 v: d. c. mo. cir. 550 v; 500 hp. e. Bates; 3600 hp. b. Frmn, Wick; 5350 kw. stm. turb. Allis-C, G. E.

610 city lamps "C" 250 c. p. $40 per yr. all nt: coal $2.45.

C D L S 3 ★125

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Michigan Pwr. Co. (Stm. plant at Lansing; hydro electric plant on Grand River); cap. $2,300,000 (com.), $200,000 (pfd.); bds. $1,197,000.

Pres. F. A. Stuart..................Marshall
V. Pres. Geo. W. York .....Cleveland, O.
Sec. L. M. Rutledge... .....Chicago, Ill.
Treas. M. A. Devitt
38 So. Dearborn St. "
Mgr. D. R. Thomas..................Lansing
*¶ Pur. Agt. E. Runnels.......... "
Ch. Engr. L. L. Benedict.......... "

4 a. c. West. tot. 4500 kw. 4000-440-110 v. 3 ph. 60 cys; 3 d. c G. E. tot. 550 kw. 550-220-110 v. d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. ltg. cir. 117 v; d. c. day & nt. mo. cir. 550-220 v; a. c. day & nt. mo. cir. 440 v; 3500 kw. turb. (stm.) West; 2000 hp. turb. Leffell; 3200 hp. b. Wickes; also stm. htg.

Coal $2.30. (Co. also lts. East Lansing.)
C D H L S W 3 ★16

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Continental Utilities Co. Office, Lansing. (Owns and operates the following properties: Dugger (Ind.) Elec. Lt. & Pwr. Plant, Central Indiana Wtr., Lt., Ht. & Pwr. Plant (Francesville, Ind.), Leitchfield (Ky.) Elec. Lt., Ht. & Pwr. Plant, Le Sueur County Elec. Lt. & Pwr. Plant. (Le Sueur Center—Montgomery, Minn.) Lake Shore Elec. Plant (Saugatuck, Mich.), Pike County Elec. Lt. & Pwr. Plant (Petersburg, Ind.) and Zionsville (Ind.) Wtr. & Elec. Lt. Co.
Pres. Eugene Holcomb..............Lansing
V. Pres. J. B. Seager.............. "
*Sec.-Treas. F. E. Wood.......... "
★16

**LAPEER,** 3,946—The Lapeer Gas-Elec. Co. (Has taken over property of F. J. Schlegel Lt. & Pwr. Co.); cap. auth. $60,000, bds. $50,000.
Pres. J. W. Goodspeed....Grand Rapids
V. Pres. W. A. Martindale. "
Sec. & Treas. C. W. Smith.........Lapeer
*Supt. C. D. Hulbert.................. "

5 a. c. G. E. West. Warn. tot. 557 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 650 hp. e. Myers. Ball. Skinr, A. & S; 450 hp. b. Atlas, Union: 100 hp. turb. Trump.

City cont. 200 Mazdas 40 c.p. $12 per yr; all nt; coal $3
D L S W 1 3 ✠ 75w

**LAURIUM,** 8,537—Houghton County Elec. Co. See Houghton.

a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**LAWTON,** 1,042—Munic. Elec. Lt. Plant.
*¶ Pur. Agt. C. G. Hall.............Lawton
Engr. Pwr. Sta. Ralph Brown.... "

1 a. c. Warn. 60 kw. 220 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. Ideal. Atlas; 175 hp. b. Atlas.

18 city arcs G. E; moonlt; coal $1.25.
L S 1 84

**LELAND,** 350—Leland Lt. & Pwr. Co.; cap. $30,000; cost $100,000.
Pres. Chas. S. Abbott,
823 Majestic Bldg., Detroit
V. Pres. Sec. & Treas.
M. H. Abbott.................... "
Mgr. L. G. Balch.............. East Jordan
*Gen. Supt. Allen Balch ....Suttons Bay
Consltg. Engr. Richard C. Sogge..Leland
Ch. Engr. W. J. Taylor.............. "
Engr. Pwr Sta. H. B. Spencer..... "

1 a. c. Allis-C. 120 kw. 6600 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir 110-112 v; a. c. mo. cir. 220-440 v. s. ph. 60 cys; 200 hp. turb. Leffel.

City cont. 110 series tung. 60 w. $15 per yr; midnt. & from 5 a. m. to daylt. (Co. also lts. Provemont, Suttons Bay, Omena, Omena Hgts, North Port Point, Fountain Point and Northport.)
D L W 1 ✠ 25

**LESLIE,** 1,200—Consumers Power Co. See Jackson.

a. c. day & nt.. ltg. cir. 120 v; a. c. day & nt. mo. cir. 440 v. 3 ph; d. c. mo. cir. 500 v.

City cont. 250 w. tung. $36 per yr; moonlt. mdnt.
C D L 3 ★85

**LOWELL,** 1,761—Munic. Light & Pwr. Plant; cost $50,000; bds. $13,000.
*¶ Supt. Frank J. McMahon.......Lowell

1 a. c. Ft. W. 250 kva. 6600 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. day mo. cir. 220 v. 2 ph. 60 cys; 368 hp. turb. Leffel.

(Sells wtr. pwr. to Citizens Elec. Co. of Belding.)
L W 2 3 ✠ 125

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* Consumers Power Co. See Jackson.

a. c. ltg. cir. 120 v; a. c. mo. cir. 240 v. 3 ph. 30 cys.
L 3 ★85

**LUDINGTON,** 9,132—The Stearns Ltg. & Pwr. Co.; cap. $50,000; bds. $100,000.
Pres. J. S. Stearns................Ludington
V. Pres. W. T. Culver.......... "
Sec. & Treas. R. L. Stearns.... "
*¶ Mgr. F. W. Hawley.......... "
Cont. Agt. H. Patterson.......... "
Supt. S. I. Stillwell.......... "
Engr. Pwr. Sta. Jos. Venn..... "

4 a c G.E. tot. 1665 kw. 2200 v. 3 ph 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 1600 hp e. Murray, Allis-C; 600 kw. (stm.) turb. G. E; steam purchased.

City cont. 40 arcs G E enc. 7.5 amp. $60 per yr: 60 Mazdas 100 c. p. $21 per yr; moonlt: all nt. (Co. also lts. Scottville, Custer, Pentwater, Hart, Shelby, Mears and New Era.)
D L S 3 125

**LYONS,** 611—Munic. Elec. Lt. Plant; cost $6,000.
*Vil. Clerk. W. H. Ranger...........Lyons
Ch. Elecn. E. W. Vance............. "

1 d.c. arc. G. E. 45 kw: no day cir; 152 hp. turb. Victor. Lef, Samson.

City cont; all nt.
C L W 75

**MACATAWA,** 2,000—Macatawa Resort Co.; cap. $50,000; no bds.
Pres. & Mgr. S. A. Miller......Macatawa
V. Pres. & Treas. J. P. Creque,
Kansas City
Sec. H. F. Grabo..............Chicago, Ill.
*Supt., Ch. Engr. & Elecn.
G. B. Kamps.....................Macatawa

1 a. c. War, 60 kw. 2200 110 v. s. ph. 133 cys; no day cir; 75 hp.e. Fischer; 80 hp.b. Lansing.

City cont. 120 tung. 25 w. $2 per yr.
(Operates only during Summer months.)
L S 1 ✠ 79

**MACKINAC ISLAND,** 714—Munic. Water, Lt. & Pwr. Co.; cap. $100,000; no bds.
Pres. David D. Aitken..................Flint
V. Pres. A. J. Doherty.................Clare
*Sec. Treas. & Mgr. A. J. Doherty, Jr.,
Mackinac Island

3 a. c. G. E, Allis C. tot. 450 kw. 2300 v. 3 ph. 60 cys; a.c. day (half year) & nt. ltg. cir. 110 v: a. c. mo. cir: 450 kw. e. Allis-C, Rus, Erie City; —— hp. b. McKinnon.

11 city tung. 75 w. 6.6 amp. $20 per yr; mdnt. & 4 months all nt; coal $4.35.
D L S 1 ✠ 25

**MACKINAW,** 969—Cheboygan Elec. Lt. & Pwr. Co. See Cheboygan.

**MANCELONA,** 1,200—Antrim Lt. & Pwr. Co.
Pres. J. R. Jenkins.................Alpena

V. Pres. D. A. Foote...........Mancelona
*¶ Sec. Treas. & Mgr.
J. W. Verdier................ "
Supt. P. L. Fenner............ "

1 a. c. G. E. 180 kw. 2500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. turb. Leffel.

City cont. 6 arcs 6 amp. $72 per yr; 56 Mazdas 40 w. $12 per yr; all nt. (Also lts. Alba.)

D L W 1 3 ✠ 75

**MANCHESTER,** 1,047—Munic. Elec. Lt. Plant.

Pres. of Village, Lewis Lonier..Manchester
*Clerk, W. J. Hoffer .......... "
Supt. & Ch. Elecn. L. R. Hatch "

1 a. c. G.E. 75 kw. 2300 v. s. ph. 60 cys; 236 hp. turb Leffel.

City cont. 78 incs. 100 w; 4 arcs mult. enc; moonlt; mdnt.

L W 1 22

**MANISTEE,** 12,381—Manistee Pwr. & Lt. Co. (Controlled by Commonwealth Pwr. Ry. & Lt. Co.); cap. $100,000; bds. $115,000.

Pres. Clyde J. Holmes......Grand Rapids
V. Pres. Wm. H. Barthold,
14 Wall St., New York, N. Y.
Sec. Robt. Davey ..................Jackson
Treas. C. E. Rowe.................. "
Asst. Sec. & Treas. S. E. Wolff,
14 Wall St., New York, N. Y.
¶Mgr. Chas. S. Kressler..........Manistee
Ch. Engr. G. Renderdahl.......... "

1 a. c. G. E 400 kw. 7500 v. 3 ph. 30 cys; 1 d. c. G. E. 100 kw 550 v; 4 arc G. E. 100 lt; a.c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240-480 v; 980 hp. e. Allis-C. Weth; 320 hp. b. Manistee, Manitowac; 600 hp. wtr. wh. Allis C.

City cont. 160 arcs G. E. magn. 4 amp. $60 per yr; 135 Mazdas $3 75 per nt. (two nts. a week); all nt; coal $3.25. (Furnishes energy to ry. Co.)

D L S W 3 ✠ 75

**MANISTIQUE,** 4,722—Manistique Lt. & Pwr. Co.; cap. auth. & issued $100,000; bds. outstg. $90.000.

Pres. F. L. Gero...............Manistique
*V. Pres. John Hayden ....... "
¶Sec. Treas. Mgr. & Cont. Agt.
Benj. Gero.................. "
Supt. V. X. Lyons..........

3 a. c. Warren, Stan. tot. 760 kw. 2000 v. s. ph. 133 cys; a. c. day cir; 700 hp. turb. Lef.

City cont. 50 arcs 2000 c. p. $68 per. yr; incs. 16 c. p. 37 to 50 cts. per mo. and 10 cts. per kw; all nt; moonlt.

D L W 1 ✠ 74

**MANTON,** 1,069—Munic. Lt. & Wtr. Plant; cost $14,000; bds. $8,000, 5 p. c. int.

Pres. Vil. Horace G. Hutzler......Manton
Sec. Floyd E. Cade................ "
Treas. Reynold Swanson........... "
*Supt. & Ch. Engr. M. Chivis..... "

1 a.c. Ft. W. 75 kw. 106 v. s. ph. 133 cys: a. c. day & nt. ltg. cir. 106 v. 133 cys; no mo. cir: 120 hp. e. Nagle; 300 hp. b. Hayes. Wakes.

52 city tung; all nt; wood $1.50

D L S 1 ✠ 125

**MARCELLUS,** 1,047—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $18,000.

Pres. Vil. C. E. Davis...........Marcellus
V. Pres. A. H. Woods ........... "
Sec. F. A. Beadle................ "
Treas. Oscar Romig.............. "
¶Pur. Agt. Davis J. Knight...... "
*Supt. & Ch. Engr. F. L. Knight. "
Engr. Pwr. Sta. { S. Romig..... "
C. Flagg...... "

1 a. c. Ft. W. 75 kw. 2200 v. s. ph. 60 cys; a. c. day (when required) & nt. ltg. cir. 110 v; no mo. cir; 125 hp. e. Mur. Cor; 250 hp. b. Atlas, C. & T.

22 city arcs A. B. mult. 2000 c. p. $50 per yr; 13 nitro. lamps 400 c. p. $20 per yr; moonlt. mdnt; coal $3.

D L S 1 ★125

**MARINE CITY,** 3,770 — The Edison Illuminating Co., of Detroit. (Purchased Elec. Lt. Dept. of Marine City Roller Mill Co.) See Detroit.

a. c. day & nt. ltg. & mo. cir. 110 v. 60 cys.

City cont. 15 arcs W. E. series 6.6 amp. 450 w. $48 per yr; 150 series tung. 32 & 50 c. p. $10.50 & $17.50 per yr; moonlt. all nt.

D L X ✠ ★125

**MARION,** 767—Stone & Stone. (Plant 3½ miles from town.); bds. $6,000; cost $12,000.

*¶ Mgr. B. C. Stone................Marion

1 a. c. Ft. Wayne 50 kw. — v. — ph. 60 cys; 35 hp e. (gas) International; 85 hp. wtr. wheel Leffel.

City cont. 6 arcs Hallis; 20 incs. 32 carbon $53.44 per. mo; mdnt; all nt.

G W X ✠ 25

**MARLETTE,** 1.062—Munic. Elec. Lt. Plant; cost $8,000; bds. $4.000.

Pres. John Hanley...............Marlette
*Sec. Wm. A. Vail................ "
Treas. John Dunsford........ . "
Supt. Ch. Engr. & Elecn.
John Forbes .................... "

1 a. c. Warren 60 kw. 1100 v. s. ph. 133 cys; a. c. ltg. cir. 110 v. 133 cys; 132 hp. e. Bates: 250 hp. b. Frost.

3 city arcs 450 w. $48 per yr; moonlt; midnt; coal $3.35.

L S 1 ✠ 73

**MARQUETTE,** 11,503 -- Munic. Elec. Lt. & Pwr. Plant. (Power plant on Dead River); cost $450,000; bds. $30,000.

Comr. J. E. Sherman...........Marquette
*Mgr. Charles Retallic........ "
Ch. Engr. J. E. Erickson....... "

3 a. c. West. G. E. tot. 1400 kw. 6600 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v: a. c. day & nt. mo. cir. 220 v; 1800 hp. turb. Dayton-Globe, Leffel.

180 city nitro. lamps 400 c. p.; all nt.

D L W 2 ✠ 16

**MARSHALL,** 5,000 — Munic. Wtr. & Elec. Wks.; cost $109,517.35.

Bd. of Comrs. { Chmn. R. F. Grant....Marshall
F S. Deuel............ "
C. Sinclair............ "
*¶ Supt. P. S. Joy............ "
Engr. Pwr. Sta. W. H. Reed.... "

2 a. c. G. E. Ft. W. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 107 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 664 hp. turb. Leffel. (Also buys pwr. from Commonwealth Pwr. Co.)

85 city arcs West. 6.6 amp. and 26 arcs West. met. flame 4 amp d. c. $25 per yr; 28 nitrogen lamps $10 per yr; all nt; 72 5-lt. ornamental posts, Mazdas, 1-100 w. & 4-60 w. top lts. all nt., bottom lts. 10.30 P. M.

D L W 3 ✠ 16

**MASON,** 1,742—Munic. Water & Elec. Lt. Plant: cost $37,000.

Chmn. J. C. Fingerle..................Mason
*Sec. G. L. Peck...................... "
¶ Mgr. & Cont. Agt.
Geo. N. Cummings................ "
Engr. Pwr. Sta. B. Nickels.......... "

1 a.c. Ft. W. 105 kw. 1100-2200 v. s. ph. 60 cys; 1 rect. Ft. W. 1820 v. 6.6 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. mo. cir. 110-220 v. s. ph. 60 cys; 130 hp. e. Ide: 150 hp. b. Lansing.

City ltg. 85 tung. series 6.6 amp. 60 & 200 c. p. $15 to $25 per. yr.; moonlt; coal 97½ cts.

D L S 1 23

**MAYFIELD,** 87—Mayfield Elec. Lt. Plant; cap. auth. $12,000.

¶ Owner & Mgr. Mrs.J.L.Gibbs..Mayfield
*Cont. Agt. Harold Gibbs....... "
Ch. Elecn. Joe Scott ............ "

1 a.c. Ft. W. 45 kw. 2200-110 v. s. ph. 60 cys; no day cir; 75 hp. turb. Lef.

City cont. 8 arcs 2000 c. p $65 per yr; 800 incs. 12½ cts. per kw; 4 incs. 32 c. p. $15 per yr; all nt. (Co. also lts. Kingsley.)

L W 1 ✠ 25

**MAYVILLE,** 687—Munic. Lt. & Wtr. Plant: cost $18,000; bonds $6,000.

Pres. Vil. Wm. Welke...........Mayville
*Sec Geo. H Hamilton .. ...... "
Treas. Walter Hunt.............. "
Engr. Pwr. Sta. Leslie Stuart.... "

1 a. c. Warren 60 kw. 2200 v. s. ph. 60 cys: a. c. nt. ltg. cir. 110 v; 100 hp. e. Erie; 100 hp. b. Erie.

16 city arcs, 25 incs. 200 c. p; moonlt; coal $2 95.

L S 1 ✠ 113

* **MENDON,** 768—United Elec. Co. See Burr Oak.

**MENOMINEE,** 10,507—Menominee & Marinette Lt. & Trac. Co.—Office, Menominee. (Power plant on Menominee Riv. 20 mi. trans.); cap. $1,150,000; bds. $345,000.

Pres. Frank A. Spies..........Menominee
V. Pres. G. A. Blesch........ "
*Sec. & Mgr. Edw. Daniell.... "
Treas. H. J. Brown.......Marinette, Wis.
¶ Pur Agt. Albert W. Raiche..Menominee
Supt. L. H. Lathrop.......... "
Engr. Pwr. Sta. J. C. Sprong.....Ingalls

3 a.c. G. E. West. tot. 3700 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G E. tot. 300 kw 500 v; 2 arc G. E. tot. 100 lt; trans volt. 33,000 v; a.c. day & nt; ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v; 5500 hp. turb. (wtr.) Dayton-Globe.

City cont. 105 d. c. series magn. arcs 4 amp. $61 50 per yr; 45 series incs. 4 amp. $15 per yr; moonlt. (Co. also lts. Marinette, Wis.)

C D R W 3 ✠ 125

**MIDDLETON**—*Wm. Mertz.

1 a. c. West. 75 kw. 120-110 v.

L X 25

**MIDLAND,** 2,527—Consumers Power Co. See Jackson.

d. c. day & nt. ltg. cir. 127 v; d. c. day & nt. mo. cir. 275 v.

(Will erect trans. line between Bay City and Midland.)

C D L ✠ ★125

**MILAN,** 1,355—Eastern Michigan Edison Co. For officers, see Detroit.

Supt. T. H. Barns.....................Milan

Energy from Ann Arbor; a.c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 20 arcs $60 per yr: 6 tung. $20 per yr; moonlt; mdnt.

D L 3 ✠ 85

**MILFORD,** 973—Milford Elec. Co. (Gen. sta. 1 mile west of Milford on Huron River); cap. $15,000.

Owner, F S. Hubbell.............Milford
*¶ Mgr. & Cont. Agt.
C. C. Sherk...................... "

2 a.c. G. E. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110 2 0-2200 v. s. & 3 ph. 60 cys; 368 hp. wtr. whl. Leffel.

City cont. 70 Mazda "C" series 100 c. p. $10 per yr; moonlt. midnt.

D L W 1 3 ✠ 125

**MILLINGTON,** 632—*Oliver B. Whipple.

2 d c. Northern, Allis-C tot. 45 kw. 110 v; d. c. nt. (Thursday A. M) ltg. & mo. cir. 110 v; 60 hp. e. (oil) Alamo.

City cont. 43 tung. mult. 150 & 100 w. $53.50 per mo; moonlt. mdnt; kerosene 4¾ cts.

C G L ✠ 25

**MOHAWK,** 4,350—Houghton County Elec. Lt. Co. See Houghton.

a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.

D L 1 2 26

**MONROE,** 6,893—*Munic. Elec. Lt. Plant: cost $45,768; bds. $18,000.

¶ Pres. Bd. C. B. Southworth ....Monroe
Comr. Public Utilities,
John S. McMillan. ............ "
Sec. F. R. Waters................ "
Mgr. C. R. Osgood................ "
Ch. Engr. Joe Henderson......... "
Asst. Engr. Ed. Pousha........... "

2 a.c. W.E. tot. 250 kw. 1100-120-110 v. s. ph. 60 cys; a. c. day cir. 120 v; mo. cir. 2 0 v; 500 hp. e. Rus, Murray, Cor; 500 hp. b. Rus, Wickes.

150 city arcs 2000 c. p; 600 incs; all nt; coal $2.30.

D L S 1 24w

**MORENCI,** 1,515—Southern Michigan Lt. & Pwr. Co. For executive officers, see Hudson.

Engr. Pwr. Sta Chas. Lutky....Morenci

2 a. c. G. E, Ft.W. tot. 2 0 kw. 1100 v. s. ph. 133 cys; trans. volt. 6600 v. s ph. 133 cys: no day cir; 260 hp. e. Rus, Lansing; 275 hp. b. Atlas.

City cont. 59 arcs 450 w. $60 per yr; 20 Mazdas 100 w. $30 per yr; moonlt. 1 A.M; coal $2.40. (Trans. to Fayette, O.) (Installing additional 500 hp. gen. sta.)

L S 1 ✠ ★16W

**MOUNT CLEMENS,** 7,707—Eastern Michigan Edison Co. (St. Clair Div.). For executive officers, see Detroit.

Mgr. St. Clair Div. H. G. Hall
Mt. Clemens
Div. Supt. O. C. Watz........ "
Engr. Pwr. Sta.
Fred. Albrecht............... "

2 a.c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 550 hp e. McE; 350 hp. b. Wickes; 500 kw. G. E. (stm.) turb; also buys energy from Detroit Edison Co.; 22.000 v. 3 ph. 60 cys; 1 transf. G. E. tot. 480 kw.

City cont. 184 arcs G. E. 6 6 amp. $58.12 & $65 per yr; 75 tung. 100 c.p $24 per yr; all nt; moonlt; coal $2.90. (Trans. lines to Armada, Birmingham, Richmond, New Haven, Memphis and Royal Oak.)

D L S 1 3 85

**MOUNT PLEASANT,** 3,972—Consolidated Lt. & Pwr. Co.

Recrs. Detroit Trust Co.............Detroit
*¶ Gen. Mgr. A. C. Crapo...Mt. Pleasant
Engr. Pwr. Sta. G. Peterman "

3 a. c. G. E, Ft. W. tot. 700 kw. 2300 v. 3 ph 60 cys, a. c. day & nt. ltg. cir. 110 v. 60 cys; 600 hp. e. Nord, Bates; 700 hp. b. Oil City; 400 hp. turb. (wtr.) Lef.

City cont 110 arcs series 6.6 amp. $50 per yr: 400 Mazdas 4 amp; moonlt: all nt; coal $3.40. (Co. also lts. Clare, Coleman, Rosebush Shepherd, Alma and Gladwin.)

D L S W 3 ✠ 125

**MUNISING,** 3,500—Electric Lt. & Pwr. Co.: cap. $24,000: no bds.

Pres. & Treas. M. A. Doty .....Munising
*¶ V. Pres. & Mgr. James Hocking. "
Sec. H. H. Hitt.................. "
Ch. Engr. Ray Fulcher.......... "

2 a. c. Ft. W. tot. 225 kw. 2000-100 v. s. ph. 60 cys; 1 a. c. 2 0 kw. 3 ph 60 cys: a. c. day & nt. cir; 350 hp. e. L. & B, Ideal; 650 hp. b.

Moonlt: wood.

D L S 1 ✠ 36E

**MUSKEGON**, 24,062—Consumers Power Co. For executive officers, see Jackson.
Dist. Mgr. W. M. Lewis........Muskegon
a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 25 cys.
City cont. 177 arcs series 4 amp. $57.50 per yr; 813 tung; all nt.
D L 1 3 ✣ ★105W

**NADEAU**, 550—*Nadeau Bros.
1 d. c. 25 kw. 220 v; 40 hp. e; 250 hp. b.
City cont. 400 incs.
C L S ✣ 125

**NASHVILLE**, 1,346 — Thornapple Gas & Elec. Co. See Hastings.

**NEGAUNEE**, 8,460—Munic. Elec. Lt. Plant: cost $32,000; bds. $25,000.
Mgr. Chris Hansen............Negaunee
2 a. c. Stan. Westg. tot. 500 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v. 60 cys. a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 450 kw. turb. (stm.) Westg; 500 hp. b. Stir, Burke. Oshkosh.
67 city arcs 6.6 amp. $72 per yr; moonlt; coal $4.30.
D L S 1 3 ✣ 44†

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Marquette County Gas & Elec. Co. See Ishpeming.

**NEWAYGO**, 1,207—Newaygo Portland Cement Co.: cap. $500,000; no bds.
Pres. & Treas. D. McCool..Grand Rapids
V. Pres. Wilder D. Stevens "
Sec. Clay H. Hollister..... "
Asst. Sec. & Asst. Treas.
W. A. Ansorge..................Newaygo
*¶ Supt. J. B. John............ "
Ch. Elecn. W. K. Hendrick..... "
3 d. c. G. E. tot. 195 kw. 120 v; 3 a. c. G. E. tot. 1200 kw. 500 v. 3 ph. 25 cys; d. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 500 v. 3 ph. 25 cys; 2000 hp. turb. Leffel.
City cont. 14 arcs 2000 c. p; 10 incs. 16 c. p: all nt.
C D L W 3 ✣ 75

**NEW BALTIMORE**, 920 — Munic. Elec. Lt. Plant; cost $44,000; bds. $24,000.
Pres. Vil. Robert A. Heath. New Baltimore
V. Pres. Chas. Hills...... "
Sec. Henry Schnoor...... "
Treas. Earl Friday....... "
*Supt. & Engr. Pwr. Sta.
Alfred Fountain........ "
1 a. c. Warren 75 kw. 2200 v. s. ph. 60 cys; a. c. day (3 days a week) & nt. ltg. cir. 110 v; 125 hp. e. Erie City: 150 hp. b. Erie City.
50 city Madzas 200 & 100 cp. moonlt; coal $3. (Lines to be rebuilt.)
D L S 1 ✣ ★16

**NEWBERRY**, 1,182—Munic. Wtr. & Lt. Plant: cost $34,000; no bds.
Pres. Bd. W. T. Murphy........Newberry
Sec. J. C. Stephens............. "
Treas. Chas. B. Beaulieu........ "
*¶ Supt. S. R. Sprague.......... "
Engrs. } Geo. Traleigh...... "
Pwr. Sta. } Tom Higgins....... "
2 a. c. G. E. Warren tot. 180 kw. 1150 v. s. ph. 60 cys: 1 rect. 15 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 300 hp. e. Bates, Ball; 270 hp. b. Kewanee, Hunt
24 city arcs enc. 6.6 amp. $65 per yr; all nt; coal $3.65.
D L S 1 ✣ 25

**NILES**, 5,156—Munic. Elec. Lt. & Wtr. Plant; cost $50,000: bds. $30,000.
Pres. Bd., Jno. Nagle................Niles
*Gen. Supt. F. S. Hadfield.......... "
Engr. Pwr. Sta. E. Bair ............ "
2 a. c. Allis-C. tot. 600 kva. 4100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 120 hp. e. Phoenix; 700 hp. wtr. wh. Trump. Lef; 125 hp. b. Phoenix.
1 city arc A. B; 140 series incs. 300 w; 60 5-lt. cluster poles; all nt.
D L S W 3 ✣ 16

**NORTH ADAMS**, 440—Munic. Elec. Lt. Plant; cost $3,000; no bds.
Pres. Vil. John Duguiel....North Adams
V. Pres. H. G. Wells........ "
*Clerk, L. N. Roberts....... "
Treas. Albert Deitz.. ...... "
¶ Pur. Agt. F. W. Payne ... "
Engr. Pwr. Sta. Otto Dahlke "
1 d. c. Ft. W. 55 kw. 220 v; nt. ltg. cir; 1 boiler — hp.
Hrs; coal.
C L S ★125

**NORTH BRANCH**, 717—North Branch Elec. Wks.
Owner, Roswell G. Green..North Branch
1 a. c. Warn. 50 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 100 hp. e. Allis Cor; 80 hp. b. Atlas.
City cont. 21 incs. "C" 400 & 250 c. p. $42.85 per yr. moonlt. midnt; coal $2.45.
D L S 1 ✣ 125

**NORTHVILLE**, 1,665—Eastern Mich. Edison Co. (Leased Munic. Elec. Lt. Plant.) See Detroit.
Supt Samuel Wilkinson.......Northville
3 a. c. Allis-C, C.-W. tot. 250 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir 110 v; a. c. mo cir. 220 v. s. & 2 ph. 60 cys; 305 hp. e. Sknr, Ideal; 200 hp. b. Gem City: 38 hp. wtr. wh. Lef.
Coal $3.
D L S W 1 2 65

**NORWAY**, 4,974 — *Munic. Elec. Lt. Plant; cost $32,000; bds. $4,500, 6 p. c. int.
City Clerk, W. John Corin.......Norway
Supt. G. A Larson................. "
Ch. Engr. Rich. Wills............. "
Ch. Elecn. John Simons.......... "
2 a. c. Ft. W. tot. 150 kw. 2300-115 v. s. & 3 ph. 60 cys; 335 hp. e. Nordberg; 350 hp. b. A. & T; also stm. htg.
60 city arcs 1200 c. p. $60 per yr; moonlt: coal $4.30. (Also lts. Vulcan.)
H L S 1 3 125

**OMER**, 367—Omer Mill & Elev. Co. (Purchased elec. lt. plant of A. Kent & Co.)
L 113

**ONAWAY**, 2,702—Onaway Elec. Lt. & Pwr. Co.; cap. outstg. $16,000; bds. $40,000.
Pres. Joseph Jenkins
1525 Ford Bldg., Detroit
*V. Pres. & Mgr. J. Isbister....-.Onaway
Sec. & Treas. Chas. H. Osgood.
Rogers City
Engr. Pwr. Sta. John Burt ........Tower
1 a. c. G. E. 150 kva. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 220 v; 262 hp. turb. Leffel Samson.
City cont. 27 arcs Thomson 6.6 amp. and 3 arcs Novalux 20 amp. $60 per yr; moonlt. (Co. also lts. Tower)
D L W 3 ✣ ★125

**ONTONAGON**, 1,964—Munic. Elec. Lt. Plant: cost $39,500.
Pres. Vil. John Hawley ......Ontonagon
Treas. A. J. Scovia ........... "
*¶ Mgr. & Supt. C. M. Holmquest "
1 a. c. Ft. W. 150 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 250 hp. e. L. & B, Cor; 260 hp. b. Freeman.
City cont. 180 incs. series 6.6 amp. 60w; moonlt: wood $1.75 per cd.
D L S 1 16

**OSCEOLA,** 1,600—Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

* **OSCODA,** 864—Consumers Power Co. See Jackson.

**OTSEGO,** 2,812—Munic. Street Ltg. System; cost $6,700.
Pres. Vil. C. E. Pipp..............Otsego
*Clerk, W. G. Conlan.............. "
Supt. Fred Conant.................. "
Energy furnished by Consumers Pwr. Co. Jackson; 3 transf. G. E.
57 city arcs G. E. $24.00 per yr. and several Mazdas $18 per yr. all nt.
L ★125

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* Consumers Power Co. See Jackson.

**OVID,** 1,078—Munic. Elec. Lt. & Wtr. Wks.
*Supt. B. A. Wilkinson..............Ovid
2 a. c. Ft. W. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Skinr; 150 hp. b. Wick.
42 city Mazdas 350 & 100 c. p; moonlt; coal $3.
D L S 3 ✣ 16

**OWOSSO,** 9,639—Consumers Pwr. Co. For executive officers, see Jackson.
Dist. Mgr. Ward G. Cobb..........Owosso
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys.
City cont. 22 arcs $60 per yr; 452 tung. 250 & 50 w. $45 & $15 per yr.
D L 3 ★85

**OXFORD,** 1,191—Munic. Elec. Lt. & Wtr. Wks; cost $30,000; bds. $14,000.
Pres. Bd. A. R. Bellair............Oxford
V. Pres. Albert Stoll................ "
*Sec. Bert Lusher.................... "
Treas. Roy Van Wagoner.............. "
Supt. & Engr. Pwr. Sta.
E. A. Dungey........................ "
2 a. c. Ft. W. tot. 160 kva. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110-220 v; 200 hp. b; 150 hp. e. Skinr.
22 city series arcs 6.6 amp. $48 per yr; 10 series Mazda 80 c. p. $2 per yr; moonlt; mdnt; coal $2.55.
D L S 3 14

**PARKVILLE,** 152—United Elec. Co. See Burr Oak.
200 hp. wtr. wh. ——; trans. 13,200 v. to Mendon.
L W 103

**PAW PAW,** 1,643—Munic. Elec. Lt. Plant; cost $75,000.
Pres. Vil. David Anderson......Paw Paw
Clerk, Harold D. Spicer.......... "
Treas. H. L. Charles............. "
*Supt. H. L. Marshall............ "
2 a. c. Bull. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. turb. Lef.
36 city arcs 550 w; 14 city incs; all nt.
D L W 3 ✣ 25

**PELLSTON,** 1,089—Cheboygan Elec. Lt. & Pwr. Co. For officers, see Cheboygan.
2 a. c. Bull. tot. 250 kw. 2300 v. 3 ph. 60 cys; trans. 12,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. turb. Leffel.
D L W 3 125

**PENTWATER,** 1,129—The Stearns Ltg. & Pwr. Co. See Ludington.
City cont. 80 series Mazdas 60 c. p. $12 per yr; moonlt. mdnt.
L 125

**PETOSKEY,** 6,000—Munic. Elec. Lt. Plant; cost $135,000; bds. $26,000.
*¶Mgr. & Supt. J. W. Lovelace..Petoskey
Engr. Pwr. Sta. Geo. Schneider.. "
1 a.c. Ft. W. 400 kw. 2300 v. 3 ph. 60 cys; 1 d.c. G. E. tot. 150 kw. 220 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 230 v; 600 hp. b. Wickes; 300 hp. e. ——; 70 hp. turb. (wtr.) Dayton.
85 city arcs G. E. lumn. 4 amp. $37.50 per yr; 350 tung. 60 & 100 w. $30 per yr; all nt; coal $2.80. (Sells energy to Bay View Camp Ground Assn.)
C D L S W 1 3 125

**PINCONNING,** 677—Pinconning Lt. & Pwr. Co.
*Owner & Mgr. Edw. Jennings, Pinconning
Ch. Engr. & Elecn. J. V. Rowell "
1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 140 hp. e. Cor; 200 hp. b. ——.
Coal $2.60.
D L S 3 ✣ 14†

**PLAINWELL,** 1,493—Eesley Lt. & Pwr. Co; cap. $30,000; bds. $11,750.
*¶ Pres. & Mgr. J. F. Eesley...Plainwell
V. Pres. Jas. Smith.............. "
Sec. C. E. Bullock............... "
Treas. F. J. Scott............... "
Supt. H. J. Eesley............... "
Engr. Pwr. Sta. L. R. Abbott... "
2 a. c. G. E. Minpl. tot. 400 kw. 2280 v. 3 ph. 60 cys; a.c. day & nt. ltg. & mo. cir. 115 v. s. ph. 60 cys; 450 hp. e. Allis-C; 450 hp. turb. Leffel; 450 hp. b. Wicks.
City cont. 23 arcs, W. E. 750 w. $45 per yr; 40 Mazdas series 60 w. $15 per yr; 1 A.M; coal $2.75.
D L S W 1 3 ✣ 75

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*Consumers Power Co. See Jackson.

**PLYMOUTH,** 1,671—*Munic. Elec. Lt. Plant; cost $30,000; bds. $30,000.
Pres. D. Hilmer................Plymouth
Treas. H. Mite..................... "
¶Mgr. & Engr. Pwr. Sta.
Benj. Havershaw.................. "
2 a. c. Bull tot. 200 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir; 180 hp. e. F. & S; 140 hp. b. Gem.
56 city arcs; coal.
D L S 2 ✣ 23

**PONTIAC,** 14,532—Consumers Pwr. Co. For executive officers, see Jackson.
Dist. Mgr. H. B. Wales...........Pontiac
Engr. Pwr. Sta.
Anthony Schmansky............ "
3 a.c. Allis C. tot. 1800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1650 hp. e. Allis-C; 1400 hp. b. Wickes; also stm. htg.
City cont. 233 arcs a. c. series 2000 c. p. 7.5 amp. $71 per yr; all nt; coal $2.30.
D H L S 3 ✣ ★85

**PORT HURON,** 18,863—Port Huron Gas & Elec. Co. (Controlled by National Gas, Elec. Lt. & Pwr. Co.); cap. $150,000; bds. $162,000.
Pres. Jas. T. Lynn
1714 Ford Bldg., Detroit
V. Pres. P. H. Phillips.......Port Huron
Sec. V. N. Gurney...............Detroit
¶ Treas. A. L. Wilkinson......... "
Mgr. J. C. Sloan..............Port Huron
Supt. Ch. Engr. & Elecn.
D. J. Richards.................. "
3 a.c. G. E. tot. 2500 kw. 1100-240-120 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 600 kw. 500 v; 6 d. c. arc T-H, Brush 380 lts; a.c. day ltg. cir. 120 v. 60 cys; d. c. mo. cir. 500 v; 1500 hp. e. Rus. West; 2000 hp. steam turb. G. E; 2000 hp. b. Stir.
City cont. 180 d. c. series arcs 450 w. $65 per yr; 20 series Tung. 60 w. $20 per yr; all nt; coal $3.
C D L S 3 ✣ 23

**PORTLAND,** 1,832—Munic. Lt. & Pwr. Plant; bds. $5,000.
Pres. Bd., S. H. Pilkenton......Portland
Sec. W. H. Earle.................. "
Treas. Roy Dawdy.............. "
*Mgr. F. L. Jenkins............. "
Engr. Pwr. Sta. Geo. Benedict.. "
1 a. c. Allis-C. 300 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v; 400 hp. turb. (wtr.) Trump.
400 city tung. series 40 w. 6 cts. per kwh; mdnt.
D L W 2 ★125

**QUINCY,** 1,347—Munic. Elec. Lt. & Wtr Wks.
*Mgr. Geo. J. Mickle...............Quincy
Engr. Pwr. Sta. F. M. Stansell.... "
2 a. c. West. tot. 125 kw. 1100 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 106 v; a. c. day & nt. mo. cir. 220 v; 225 hp. e. Erie City, West; 400 hp. b. Hawkes.
175 city incs. 250 & 75 w. 5.5 amp; coal $1.20.
D L S 2 16

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Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**RAPID RIVER,** 1,200—*Rapid River Elec. Lt. Co.
Energy purchased from City of Gladstone.
L §125

**READING,** 1,102 — Munic. Elec. Lt. Plant; cost $10,000; bds. $6,000.
*Ch. Elecn. Ora Webster ........Reading
Engr. Pwr. Sta. Guy Dillingham. "
2 a. c. West. W. E. tot. 135 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir 115 v; a. c. day & nt. mo. cir. 115 v. s. & 3 ph. 60 cys; 155 hp. e. Skinr; 300 hp. b. Bass; also stm. htg.
50 city type "C" lamps series 6.6 amp. 100 & 250 c. p. $24 per yr. 12.30 A. M; coal $3.
D H L S 1 3 ✠ ★16

**RED JACKET,** 4,211 — Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph 60 cys.
D L 1 2 26

**REDRIDGE,** 400—*Baltic Mining Co. Office, Baltic.
Pres. W. A. Paine..........Boston, Mass.
Mgr. F. W. Denton.............Painesdale
¶ Pur. Agt. J. M. Wagner.....Houghton
Ch. Elecn. W. A. Rankin......Painesdale
1 a. c. Allis C. 1500 kw. 2300 v. 3 ph. 60 cys; trans. volt. 30,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 220 v 60 cys; a c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys; 1500 kw. stm. turb. (exhaust) Allis C.
Co. also lts. Beacon Hill and Freda.
D N S 3 14

**REED CITY,** 1,690—*Osceola Lt. & Pwr. Co.
Pres. Geo. D. Westover..........Cadillac
V. Pres. E. J. Haynes............ "
¶Sec., Treas., Mgr. & Cont. Agt.
B. J. Stall......... .....Reed City
2 a. c. Ft. W. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. ph. 60 cys; 183 hp. turb. Dayton, Globe.
City cont. 37 incs. 350 c. p. $3.85 per mo; all nt.
D L W 1 3 ✠ 74

**RICHMOND,** 1,277—Eastern Michigan Edison Co. (St. Clair Div.) For executive officers, see Detroit.
Energy from Mt. Clemons; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 120 tung. series 60 c. p. $18 per yr; moonlt; coal $2.75.
D L 3 ✠ 85

**RIVER ROUGE,** 4,163—Munic. Electric Lt. Plant; cost $30,000; bds. auth. & outstg. $28,850, 4½ p. c. int.
Vil. Pres. M. J. Higgins.....River Rouge
*Clerk, E. P. Abbott........ "
Treas. Louis Laginess....... "
Engr. Pwr. Sta. Julius Meyer "
1 a. c. Ft. W. 180 kw. 2200-110 v. s. ph. 60 cys: a. c. day & nt. ltg. cir; 350 hp. e. Rus: 300 hp. b. Jenks.
All nt; coal $1.85.
D L S 1 113

**ROCHESTER,** 1,516—Eastern Michigan Edison Co. See Detroit.
3 transf. G. E. tot. 300 kw; a. c. day & nt. ltg. & mo. cir. 220-110 v. 3 ph. 60 cys.
City cont. 29 magn. arcs 300 w. $65 per yr; 1 series tung. 75 w. $18 per yr; all nt.
D L 3 ✠ ★85

**ROCKFORD,** 843—Rogue River Elec. Lt. & Pwr. Co.; cap. auth. & pd. in $16,000.
Pres. G. A. Krause.........Grand Rapids
Sec. S. Krause............. "
Treas H. C. Hessler........ "
*Ch. Elecn. Otto Krause........Rockford
3 d. c. G. E, C-W. tot. 120 kw. 240-220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 225 hp. turb. (wtr.) Leffel, Sampson.
City cont. 60 incs. 16 c. p. $10 per yr. moonlt. 12.30 P. M.
C D L W 125

**ROMEO,** 1,787—Eastern Michigan Edison Co. (Oakland Div.). See Detroit.
Trans. 4600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 40 arcs series A. C. 6.6 amp. $60 per yr; 10 tung. series 100 c. p. $24 per yr; all nt.
D L 3 85

**ROSCOMMON,** 425—Munic. Elec. Lt. Plant; cost $5,500.
Pres. Bd. A. J. Price.........Roscommon
Sec. W. R. Matherson........ "
Treas. Arthur Lad........... "
*¶Mgr., Cont. Agt. & Ch. Engr.
Wm. H. Wallace ........... "
2 d. c. F. M. & Co. tot. 30 kw. 220 v; d. c. nt. ltg. cir. 220 v; 47 hp. e. (oil) F. M. & Co.
9 city arcs A. B.
C G L 16

**ROSE CITY,** 542—Monaghan & Zailor.
*Mgr. James Monaghan........Rose City
City cont. 15 tung. (Contemplates installing water turbine.)
L 65E

**ROYAL OAK,** 1,071—Eastern Michigan Edison Co. Power from Mt. Clemens. See Detroit.

**ST. CHARLES,** 1,451—Munic. Elec. Lt. Plant; cost $16,000; bds. $16,000.
Pres. C. E. Roe...................St. Charles
Sec. Wm. Clay, Jr............... "
Treas. L. Whaley............... "
*¶ Supt., Cont. Agt. &
Engr. Pwr. Sta. L. V. Troup "
1 a. c. Ridgeway 75 kw. 1150 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v; 125 hp. e. Ridg; 200 hp. b. Penn.
30 city arcs; 15 city incs; moonlt. mdnt; coal $2.45.
D L S 3 125

**ST. CLAIR**, 2,633—Munic. Elec. Lt. & Wtr. Wks; bds. $12,000 (Elec. Lt.)
Chmn. Bd. of Public Wks.,
F. W. Moore ....................St. Clair
*Supt. W. M Barron.............. "
¶ Pur. Agt. Bd. of Public Wks.. "
Engr. Pwr. Sta. Jas. P. Grice.... "
Ch. Elecn. Walter A. Ash........ "

2 a. c. Allis-C. tot. 231 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220-110 v; 330 hp. e. Ridgway; 325 hp. b. McNaull, Manning.

41 city arcs G. E. enc. 7.5 amp; 1 G. E. Mazda 1000 c. p; 18 series Mazdas; 9 5-lt. ornamental posts mult; moonlt; coal $3.10.

D L S 3 ★125

**ST. IGNACE**, 2,118—Munic. Elec. Lt. Plant; cost $20,000.
Sec. A. J. Gennell..............St. Ignace
*Treas. H. D. Whitwell....... "
¶Mgr. & Ch. Engr. Fred B. Moore "

2 a. c. West, Ft. W. tot. 170 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Cooper; 200 hp. b. Penn.

34 city arcs Westg. 7.5 amp. $75 per yr; 24 city incs. 7.5 amp. 80 c. p. $18 per yr; moonlt; midnt; coal $3.

D L S 2 22

**ST. JOHNS**, 3,154—Munic. Elec. Lt. & Wtr. Plant; cost $125,000; bds. $85,000.
Mayor, Wm. Black ..............St. Johns
*City Clerk, Wm. Cochrane.... "
Supt. Archie Bishop........... "
Engr. Pwr. Sta. Geo Leach.... "

2 a. c. Allis C. tot. 317 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 275 hp. e. F. & S, Ideal; 375 hp. b. Wickes.

38 city arcs G. E. 960 w. $60 per yr; 340 incs. $6 per yr; moonlt; coal $3.15.

D L S 1 3 ✢ 14

**ST. JOSEPH**, 5,936—Indiana & Michigan Elec. Co. See South Bend, Ind.

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Benton Harbor–St. Joe Ry. & Lt. Co. See Benton Harbor.

**ST. LOUIS**, 1,940—Munic. Elec. Lt. & Wtr. Wks. Plant.
Comm. Pres. Jacob Bainbridge, St. Louis
Comm. A. L. Lowery........... "
Comm. Grant Brewer.......... "
*Supt. A. J. Davison............. "

2 a. c. West. tot. 195 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 215 hp. e. Rus; 268 hp. turb. (wtr.) Leffel; 180 hp. b. Lansing, Erie.

42 city arcs 500 w. $30 per yr; 30 3-lt. & 14 5-lt. posts; moonlt. all nt; coal $1,000 per yr.

D L S W 2 ★16

***SAGINAW**, 50,510—Consumers Power Co. For executive officers, see Jackson.
Dist. Mgr. A. D. Furlong ........Saginaw

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 500 v

City cont. 435 arcs 2000 c. p. $60 per yr; all nt.

C D L 3 ✢ ★85

**SARANAC**, 845—The D. G. Huhn Co.
Supt. Leo S. Huhn ...............Saranac
Engr. Pwr. Sta. John Hayward.. "

1 d. c. Northn. 45 kw. 250 v; no day cir; 85 hp. e; 100 hp. b; 60 hp. turb. Lef.

City cont. 74 incs. 32 c. p. $10.80 per yr.

C L S W ✢ ★125

**SAUGATUCK**, 621—Lake Shore Elec. Plant. (Owned & operated by Continental Utilities Co., Lansing, Mich. which see for executive officers.)
Supt. L. S. Bassett ............Saugatuck

3 a. c. Ft. W. tot. 105 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-120 v. s. & 3 ph. 60 cys; 170 hp. e. (gas) Seager.

City cont. 154 series incs. 6.6 amp. 60 c. p. $14.30 per yr; midnt; oil 6.4 cts. per gal. (Also lts. Douglas and Shorewood.)

D G L 1 3 ✢ 16

**SAULT STE. MARIE**, 12,615—Edison Sault Elec. Co. (Plant leased from U.S.) (Controls Chippewa Edison Co. which owns about 50 miles of trans. line and supplies, Brimley, Rudyard and Pickford); cap. $300,000.
Pres. Alex. Dow,
18 Washington Ave., Detroit
V. Prests. Frank R. Warner,
Sault Ste. Marie
V. Prests. *Supt. Thomas Chandler,
Sault Ste. Marie
Sec. & Cont. Agt.
Geo. W. Baldwin...... " "
Treas. Edward Horry.... " "

4 a. c. G. E. tot. 1800 kw. 4000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 122 v. a. c. mo. cir. 220 v. 3 ph. 60 cys; 3000 hp. turb. (wtr.) Lef.

City cont. 190 arcs 6.6 amp. $45 per yr; all nt.

D L W 3 125

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Michigan Northern Pwr. Co. (Purchased the property of The Michigan Lake Superior Pwr. Co.)
Pres. E. F. Price....... 42d St. Bldg., New York, N.Y.
V. Prests. W. J. Knapp 42d St. Bldg., New York, N.Y.
V. Prests. Jesse J. Ricks....Chicago, Ill.
Sec. F. E. Lawton ..... 42d St. Bldg.. New York. N. Y.
Treas. W. M. Beard.... 42d St. Bldg.. New York. N. Y.
*Gen. Mgr. L. H. Davis...Sault Ste. Marie
¶Pur. Agt. D. L. Croft.... " "
Supt. A. W. Dawson...... " "

38 a. c. West. Stan. tot. 15,050 kw. 4000-2400-220-90 v. s. 2 & 3 ph. 30 & 60 cys; 3 d. c. Stan. tot. 1200 kw. 600 v; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; d. c. mo. cir. 500-550 v; 25,200 hp. turb. Webster, Camp, Lane.

C D L W 1 2 3 35

**SCHOOLCRAFT**, 816—Munic. Elec. Lt. & Wtr. Wks: cost $11,450; bds. $3,000.
Mayor C. C. Duncan..........Schoolcraft
Sec. O. A. Fellows............. "
*¶ Gen. Supt.
Chas. A. Worthington "
Engr. Pwr. Sta A. A. Robinson "

1 a. c. Ft. W. 75 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; no motor cir; 125 hp. e. Erie City; 300 hp. b. Erie City.

20 city arcs Ft. W. 2000 c. p. and 11 type "C" lamps mult. moonlt. mdnt; coal $2.95.

L S 1 ✢ ★125

**SEBEWAING**, 1,500—Munic Elec. Lt. Plant.
Vil. Pres. P. W. Selee.........Sebewaing
Vil. Sec. C. L. Manske........ "
*Supt. & Ch. Engr. H J. Davis "

6 d.c. F. M. & Co. tot 95 kw. 220-110 v; d.c. (midnt.—5 a.m. to daylt. & Monday & Tuesday.) ltg. cir. 110 v; 150 hp e. (oil) F. M. & Co.

City cont. 6 arcs 16-25 w; 104 incs. series type "C" 100 c. p $23 per yr; moonlt; kerosene 7.8 cts & gasoline 11.6 cts. per gal.

C D G L ✢ 125

**SHEPHERD**, 835—*Munic. Elec. Lt. Plant; cost $20,000; bds. $20,000.
Lt. Com. H. D Bent ..........Shepherd
Lt. Com. C. H. Estee........... "
Lt. Com. H. Van Wie.......... "
Supt E. T. Furlong.............. "

Purchases power from Consolidated Lt. & Pwr. Co., Mt. Pleasant; a. c. day & nt. ltg. cir. 110 v. 60 cys.

21 city series tung. 200 c. p. $40 per yr; moonlt. 11 P. M; coal $6.75.
L 113

**SOUTH BOARDMAN**, 496—Boardman Lt. Co.
*Mgr. & Ch. Engr.
Chas. L. Sessions..........S. Boardman
1 a. c. Stan. 65 kw. 2200 v. 2 ph. 60 cys; a. c. ltg. cir. 110 v; 88 hp. turb. Lef.
L W 2 125

**SOUTH HAVEN**, 3,577—Munic. Elec. Lt. Plant; cost $55,000; bds. auth. & outstg. $23,000, 5 p. c. int.
*¶ Supt. Wm. M. McEwing..South Haven
Engr. Pwr. Sta. Geo. Ocobock "
3 a. c. Allis-C G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E 50 lt; a.c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp.e. Bckye; 300 kw stm. turb. Allis-C; 450 hp. b. Spring, Muskegon.
160 city tung. 80 w. 4 cts. per kw; moonlt; coal $3.10.
D L S 1 3 ✣ 125

**SOUTH RANGE**, 1,097 — Houghton County Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**SPARTA**, 1,203—Consumers Power Co. See Jackson.
a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 440 v. 3 ph. 60 cys.
City cont. 45 Mazdas 160 & 250 w. 1 A. M.
D L 3 ✣ 85

**SPRINGPORT**, 584—Munic. Elec. Lt. Plant.
Vil. Pres. G. H. Deal..........Springport
Clerk, S. R McFarlane....... "
Treas. W. H. Deyoe ........ "
*¶Mgr. L. E. Laudan .......... "
Ch Engr. Geo. R. Starks....... "
2 d. c. Ft. W. tot. 70 kw 220 v; no day cir; 100 hp. e. Erie; 250 hp. b. Atlas, T. & W, Kew.
62 city Mazdas 60-250 w; moonlt; coal $3 10.
C L S ✣ 125

**STAMBAUGH**, 1,322—Iron Range Lt. & Pwr. Co. See Iron River.

**STANDISH**, 823—Elec. Lt. Plant.
Owner & Mgr. C. F. Hall. .....Standish
1 a. c. Standard 100 kw. 1100 v. s. ph. 133 ys; a. c. nt. ltg. cir. 110 v; 150 hp. e. ioux; 150 hp. b. Wickes.
City cont. 60 incs. series 5.5 amp. $11.16 er yr; moonlt; coal $2.85.
L S 1 ✣ 25

**TANTON**, 1,012—Munic. Lt. & Wtr. Plant; cost $20,500.
¶Supt. H. Busch..................Stanton
1 a. c. Std. 90 kw. 1100 v. s. ph. 133 cys; . c. day & nt. ltg. cir. 110 v; 150 hp. e. S. ., Cor; 300 hp. b. Wickes.
60 city incs. 60 c. p. 5.5 amp; moonlt; dnt: coal.
D L S 1 ✣ 125

**TURGIS**, 5,000 — Munic. Elec. Lt. Plant. Stm. plant in Sturgis; hydro-elec. plant 16½ miles distant on St. Joe Riv; cost $230,000; bds. $175,000.
hmn. Bd. of Public Wks.,
C. Wilhelm.........................Sturgis
¶Mgr. & Cont. Agt. J. S. Flanders "
Engrs. } E. C. Young......Three Rivers
wr. Sta. } Chas. Sprister...........Sturgis
3 a. c. G. E. Allis C. tot. 1250 kw. 2200-20-110 v. 3 ph. 60 cys; trans. 23,000 v. 3 h; a. c. day & nt. ltg. cir. 110 v; a.c. day nt. mo cir. 110-220 v. s. & 3 ph. 60 cys; 25 hp. e. Rus; 250 hp. b. Erie City; 1688 p. wtr. wh. Allis C.

122 city ornamental posts 63-600 c. p. & 59-400 c. p. Mazdas 'C"; 300 tung. series 6.6 amp. 100 c. p; tot. $4,200 per yr; all nt; coal $3.70. (Furnishes energy to Centerville Wtr. & Elec. Co.)
D L S W 1 3 ✣ 16

**TAWAS CITY**, 1,061—See East Tawas.

**TECUMSEH**, 2,332—Tecumseh Elec. Co.; cap. $30,000; no bds.
¶ Pres Treas. Mgr. & Cont. Agt.
Louis B. Schneider ...........Tecumseh
V. Pres. L. Smith............... "
*Sec. G. U. Smith............... "
Supt. & Engr. Pwr. Sta.
Geo. H. Church............... "
2 a.c. G. E. tot 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 125 hp. e. Ide; 338 hp. wtr. wh. Lef; 400 hp. b. McNaull; 450 kva. stm. turb. Allis-C.
City cont., 58 arcs. enc. 6.6 amp. $60 per yr; 30 incs. series 32 c. p. $20 per yr; all nt; coal $2.80.
D L S W 1 3 ✣ 73

**THOMPSONVILLE**, 815—Munic. Lt. & Wtr. Plant.; bds. $6,000.
Pres. C. N. Menold........Thompsonville
V. Pres. R. A. Anderson.. "
Sec. H. E. Hulne.......... "
Treas. L. D. Adams....... "
*Mgr. Tom Potts........... "
¶ Pur. Agt. C. H. Diamond "
1 a. c Warren 150 kw. 2200 v. s. ph. 133 cys; 1 d. c. Warren 25 kw. 110 v; a. c. nt. ltg. cir. 110 v. 133 cys; a. c. mo. cir. 110 v. s. ph. 133 cys; 150 hp. turb. Lef.
C L W 1 75

**THREE OAKS**, 1,175—Munic. Elec. Lt. & Wtr. Plant.
Vil. Pres. G. L. Miner.........Three Oaks
*Sec. E. G. Panley............ "
Engr. Pwr. Sta. A. Schmuhl.. "
2 a. c. Ft. W. tot. 85 kw. 1100 v. s. ph. 133 cys; a. c. day (two and one-half days a week) & nt. ltg. cir. 106 v. 133 cys; 150 hp. e. Ideal, Bckye: 230 hp. b. Erie.
45 city tung. 250 w. $25 per yr; moonlt; coal $3.10.
D L S 1 75

**THREE RIVERS**, 5,072—Three Rivers Lt. & Pwr. Co. (A subsidiary of the Middle West Utilities Co.); cap. auth. $30,000; no bds.
Pres. R. B. Linsley..........Three Rivers
V. Pres. John F. Gilchrist...Chicago, Ill.
Sec. & Mgr. T. L. Arnold....Three Rivers
Treas. Paul B. Simons...... "
1 d.c. G. E. 200 kw. 550 v; d. c. day cir. 500 v; a. c. day cir. 2300 v; 240 hp. turb. Trump.
(Power service only.)
C T W ★16

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Constantine Hydraulic Co. (Plants in Three Rivers, Constantine & White Pigeon.) (Subsidiary of the Middle West Utilities Co., Chicago, Ill.); cap. $80,000; bds. $250,000.
Pres. John F. Gilchrist.......Chicago, Ill.
V. Pres. Howard L. Olds.... " "
Sec. Geo. Otis Spencer...... " "
Treas. Robt. W. Waite....... " "
Asst. Treas. P. D. Rensenhouse, Three Rivers
*¶Mgr. Paul B. Simons..... " "
2 a. c G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 2046 hp. turb. Leffel.
City cont. 75 arcs 6.6 amp. $75 per yr; 32 & 60 c. p. incs. $17.05 & $27 per yr; all nt. (Co. also distributes in Constantine, White Pigeon, Vandalia and Jones; sells energy in bulk to Milling & Pwr. Co. of Cassopolis.)
D L W 3 ✣ 16

**TRAVERSE CITY**, 12,115—Boardman River Elec. Lt. & Pwr. Co.; cap. $100,000.
Pres. R. Floyd Clinch........Chicago, Ill.
V. Pres. L. E. Greilick.....Traverse City
Sec. A. V. Friedrick....... "
Treas. C. M. Beers......... "
*¶Mgr. & Cont. Agt. W.S.Cook "
Engr.Pwr.Sta. Peter Engstrom "

2 a. c. G. E. tot. 750 kw. 6600-2500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a.c. day & nt. mo. cir; 1600 hp. turb. New Am, Leffel, Trump.

D L W 3 ✠ 125

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Munic. Elec. Lt. Plant; cost $150,000.
Mayor John G. Straub......Traverse City
Comrs.
A. W. Rickerd.... " "
J. O. Croster..... " "
Jas. McAllister... " "
Jos. Sleder....... " "
*City Clerk, T. H. Gilles.... " "
Supt. Wm. Gifford.......... " "
Engr. Pwr. Sta.
Frank S. Benson.......... " "

2 a. c. W. E. tot. 600 kw. 6600 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 120 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 800 hp. turb. Leffel.

136 city arcs metallic flame 4 amp. $47.75 per yr; all nt.

D L W 1 3 ✠ 74

**TRENTON**, 1,224—Eastern Michigan Edison Co. See Ann Arbor.
Supt. H. E. Allen.................Trenton

Energy from Ann Arbor; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 85

**UNION CITY**, 1,340—Munic. Elec. Lt. & Wtr. Wks.; cost $31,000; bds. $2,000.
*¶ Supt.& Ch.Elecn. F. O. Webber Union City
Engr. Pwr. Sta. M. H. Lincoln, "

2 a. c. West, Ft. W. tot. 125 kw. 1100 v. 2 ph. 60 cys; 1 arc Ft. W. 60 lt; a. c. day & nt. ltg. & mo. cir. 110 v; 240 hp. e. Bates Cor, Ball; 440 hp. b. Heine.

35 city arcs Ft. W. 6.6 amp. and 160 incs. moonlt. mdnt; coal $2.90.

D L S 2 ✠ ★125

**UTICA**. 496—Utica Elec. & Wtr. Co.; cap. $30,000.
Pres. Chas. A. Waul.................Utica
*Sec. Chas. F. Medbury........... "
Treas. John J. Jackson. .......... "

— a. c. West. 1500 kw. 2200 v. 3 ph. — cys; 270 hp. turb. Lef.

City cont. 46 arcs 4.6 amp. $60 per yr; moonlt; 12 P. M.

L W 3 78

**VANDERBILT**, 523—Vanderbilt Elec. Lt. & Pwr. Co.
*Owner Fred King..................Gaylord
Engr. Pwr. Sta. Glen Condon, Vanderbilt

1 d. c. Peerless 240 v: d. c. day cir. 220 v; 58 hp. e. Payne; 150 hp. b.

City cont. 14 arcs $60 per yr; 1000 incs. 10 cts. per kw; mdnt; wood.

C D L S ✠ ★16w

**VASSAR**, 1,659—Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $10,000.
Pres. Vil. E. H. Knight..............Vassar
Sec. L. Hascall... ................ "
Treas. G. J. Eastham............... "
*¶ Supt. Walter A. Peck........... "
Engr. Pwr. Sta. James Stewart.... "

1 d. c. C-W. 135 kw. 250 v: no day cir; 230 hp. e. Cor; 250 hp b. Wickes.

2000 city incs. carbon & tung. 6 cts. per kw; moonlt. all nt; coal $2.85.

C L S ✠ 25

**VICKSBURG**, 1,624—Munic. Elec. Lt. & Wtr. Wks; cost $15,000; bds. $11,000.
Pres. L. P. Strong.............Vicksburg
*¶ Sec. B. R. Platt............... "
Treas. C. C. Briggs............. "
Mgr. Supt. & Ch. Elecn.
S. L. Butcher................ "

1 d. c. Ft. W. 40 kw. 220 v; 2 a. c. Ft. W. T-H 100 kw. 1100 v. s. ph. 133 cys; a. c. day cir. 106 v; mo. cir. 220 v; 140 hp. e. Rus; 120 hp. b. Erie.

30 city arcs 1200 c. p. $50 per yr; 32 incs. 50 c. p. $2.50 per yr; moonlt. mdnt; coal $2.92½.

C D L S 1 ✠ 34†

**VULCAN**, 1,200—See Norway.

**WATERVLEIT**, 728—Benton Harbor—St. Joe Ry. & Lt. Co. See Benton Harbor.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 21 series arcs G. E. 6.6 amp. $55 per yr; 4 Mazdas series 6.6 amp. 60 c. p. $22 per year; moonlt. mdnt.

D L 3 ✠ 125

**WAYNE**, 1,263—Eastern Michigan Edison Co. See Ann Arbor.

**WELLS**, 1,310—*Escanaba Pwr. Co. Office, Escanaba; cap. $240,000; bds. $120,000.
¶ Pres. & Mgr. P. L. Utley......Escanaba
V. Pres. J. M. Malloy .........Watertown
Sec. & Treas. M. N. Smith......Escanaba

2 d. c. G. E. tot. 150 kw. 550 v: 1 a. c. G. E. tot. 750 kw. 6600-115 v. 3 ph. 60 cys; 1320 hp. wtr. wh. Leffel.

(Co. lts. Wells. & sells energy in bulk to City of Escanaba.)

C D L W 3 ✠ 44

**WHITE CLOUD**, 648—Munic. Elec. Lt. Plant; cost $4,000.
Pres. W. E Barnhard.......White Cloud
*Clerk, C. E. Cooper.......... "
Treas. L. W. Fuller........... "
Cont. Agt. W. E. Fulkerson. "
Supt. & Engr. Pwr. Sta.
J. W. Robinson........... "

1 a. c. G. E. 60 kw. 2080-208-104 v. — ph. 60 cys; no day cir; 160 hp. turb. Leffel.

All nt.

L W X ✠ 23

**WHITEHALL**, 1 437—Frugale Power Co., Inc. Office Whitehall.
Pres. Albert P. Speese....... Whitehall
¶ V. Pres., Mgr. & Engr.
Pwr. Sta.
Frank H. Speese......... "
* Sec. & Treas.
Martin W. Cummiford..... "

1 a. c. West. 130 kw. 2200 v. 3. ph. 60 cys; a. c. nt. (12:30 A.M. & 4:30 A.M. to dawn) ltg. cir. 110 v; a. c. nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 125 hp. e. (gas) Monarch.

City cont. 104 incs. mult 100 w. $12 per yr; kerosene 6.1 to 8.1 cts. (Co. also lts. Montague).

G L 1 3 ✠ 125

**WILLIAMSTON**, 1,042—Williamston Illg. Co.
Pres. C. S. Abbott, Majestic Bldg., Detroit
V. Pres. Mrs. C. S. Abbott " "
Sec. & Treas. B. G. Flaherty, "
*Gen. Mgr. F. M. Abbott .....Williamston
Supt. Ford Van Devort....... "
Engr. Pwr. Sta. S. South..... "

3 a. c. Bull, Em. tot. 240 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 230 hp. e. Bckye; 150 hp. b. Warner; 100 hp. turb. Pelton.

City cont. 70 arcs series 100 c. p. $2 per yr; moonlt. mdnt; coal $3.

L S W 3 ★125

**WOLVERINE**, 794—Preston & Sowton.
*¶ Mgr. & Cont. Agt.
O. B. Preston..................Wolverine
Engr. Pwr. Sta. S. M. Jameson. "

2 a. c. F. M. & Co., G. E. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 117 hp. turb. Leffel.
City cont. 40 Mazdas 40 w. 32 c.p. $12 per yr; 5 arches, 16 lts. 40 w. $10 per arch; all nt.
D L W 3 ✢ 125

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Houghton Co. Elec. Lt. Co. See Houghton.
a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
D L 1 2 26

**WYANDOTTE**, 8,287—Munic. Elec. Lt. Plant; bds. $34,000.
*Sec. Chas. Block..............Wyandotte
¶ Supt. A. S. McClenehan.... "
Ch. Engr. Aug. Schwascho.... "
Ch. Elecn. John F. Murphy.... "
2 a. c. G. E, West. tot. 550 kw. 2200 v. 2 ph. 60 cys; a. c. day cir; 400 hp. e. Skinr; 600 hp. b. Stir; 450 hp. (stm.) turb. West.
143 city arcs. 6.6 amp; coal $2.20.
D L S 2 74

**YALE**, 1,223—Munic. Elec. Lt., Wtr. & Pwr. Plant; cost $23,000; bds. $18,000.
*Supt. G. B. Green....................Yale.
1 a. c. Ft. W. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. L. & B. Cor; 250 hp. b. Wick; also stm. htg.
41 city tung. series moonlt; coal.
D H L S 1 3 ✢ ★125

**YPSILANTI**, 6,230—Munic. Elec. Lt. Plant.
*¶Clerk. S. Damon..............Ypsilanti
Ch. Engr. Pwr. Sta. B. F. Hodges, "
2 d.c. arc G.E, Brush tot. 250 lt; 350 hp. e. Cor; 300 hp. turb. Leffel; 200 hp. b. Pratt.
153 city arcs 4 amp. $27.00 per yr; all nt; coal $2.60.
C L S W 125

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Eastern Michigan Edison Co. See Ann Arbor.

**ZEELAND**, 1,982—Consumers Power Co. (Purchased property of Munic. Wtr. & Lt. Plant.) See Jackson.
Energy supplied from 13,500 v. line of the Grand Rapids, Holland & Chicago Ry. for the present; day & nt. ltg. & mo. cir.
D L ✢ ★16w

## MINNESOTA.

**ADA**, 1,432—Munic. Elec. Lt. & Wtr. Wks. cost $50,000; bds. $11,000.
Pres. Bd. P. Dulland.................Ada
Sec. P. Sharpe.......................... "
Treas. Hans Holden...................... "
*Mgr. O. Sandvold....................... "
¶ Pur. Agt. W. Andrews.................. "
2 d. c. Ft. W. West. tot. 125 kw. 220 v; d.c. day & nt. ltg. & mo. cir. 220 v; 200 hp. e. Ide; 250 hp. b. Spring. (Also stm. htg.)
6 city arcs 2 amp; 70 Mazdas 60 w; coal $5.90.
C D H L S 25

**ADRIAN**, 1,112—Munic. Lt. & Wtr. Plant; cost $40,000; bds. $13,000.
*¶ Supt. T. W. Newell..............Adrian
Engr. Pwr. Sta. R. C. Newell....... "
3 d. c. W. E, G. E, Tri. tot. 145 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 250 hp. e. Ball, Chuse, Brnl, Erie; 175 hp. b. Brnl, Frmn.
6 city arcs A. B. 3 amp. $64 per yr; 38 Mazdas 60 c. p. $12 50 per yr; moonlt; coal $4.65.
C D L S ✢ 25

**AITKIN**, 1,638—Munic. Elec. Lt. & Wtr. Plant; cost $10,000; no bds.
Pres. Peter Larson.................Aitkin
Sec. T. R. Foley, Jr.................. "
Treas. F. R. Erickson.................. "
¶ Pur. Agt. F. R. Heft.................. "
*Gen. Supt. F. A. Tulley............... "
Ch. Engr. E. N. Howe................... "
2 a. c. Minpl. Elec. Mch. tot. 200 kva. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 15 kw. 125 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; 220 hp. e. Ide; 175 hp. b. Kinney.
17 city arcs 1000 c.p. all nt; wood $2.25.
D L S 1 75

**AKELEY**, 1,635—Red River Lumber Co.
Pres. T. B. Walker..........Minneapolis
V. Pres. G. M. Walker.......... "
Sec. A. D. Walker.............. "
Treas. F. L. Walker............ "
¶ Pur. Agt. R. C. Hodge........ "
*Mgr. Walter Luff...................Akeley
Ch. Engr. Earl Manley.............. "
4 d. c. West. tot. 412 kw. 250 v; d. c. mo. cir. 800 amp. 250 v; 300 hp. e. Ball.
City cont. 15 arcs Jandus; incs. carbon 55 w, Tant. 40 w. tung. 40-60 w; all nt; wood.
C L S ✢ 75

**ALBERT LEA**, 6,192—Minnesota Gas & Elec. Co. Office, South Broadway; cap. $325,000; bds. $325,000.
Pres. G. C. Edwards.. Bridgeport, Conn.
*¶ Sec., Treas. & Mgr.
Ludwig Kemper..............Albert Lea
Cont. Agt. J. D. vd. Berg...... "
Supt. of Ovhd. Distrbn.
Chas. Bailey.................... "
Engr. Pwr. Sta. O. L. Howard "
2 a. c. Westg. tot. 1300 kva. 2300 v. 3 ph. 60 cys; 1 a. c. 325 kva. 146 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; d. c. day & nt. ltg. & mo. cir. 220 v; 1300 kw. turb. (stm.) West; 1200 hp. b. Heine; 2 rot. conv. tot. 500 kw; also hot water htg.
City cont. 234 Mazdas 200-80 60-32 c. p. $45-$24-$19.50-$15 per yr; all nt; coal $3.10.
C D H L S 1 3 ✢ ★125

**ALDEN**, 544—W. H. Walker Milling Co.; cap. $18,000.
*Pres. Ole I. Opdohl..................Alden
V. Pres. & Treas. B. B. Randall ... "
¶ Sec., Mgr. & Cont. Agt.
W. H. Walker........................ "
Engr. Pwr. Sta. Bruce Walker..... "
1 d.c. W.E. 30 kw. 220 v; no day cir; 120 hp. e. Murray; 140 hp. b. Brnl. S. C.
City cont. 4 Mazdas (cluster) $45 per yr; 39 Mazdas 32 c. p. $12 per yr; moonlt; coal $4.
C L S ✢ 74

**ALEXANDRIA**, 3,001 — Munic. Elec Lt. & Wtr. Wks; cost $40,000.
Pres. Bd. E. P. Wright........Alexandria
Sec. C. J. Sundblad.......... "
Treas. Nels. Erickson........ "
*Supt. C. A. Johnson......... "
1 arc West. 25 lt; 2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Ideal; 300 hp. b. Robb. Mum.
9 city arcs magn. 4 amp. $75 per yr; 48 clusters 220 w. 5 cts. per kwh; 130 series Mazdas 60 c. p. $18 per yr; moonlt; screenings $3.74.
D L S 3 ✢ 115+

**ANNANDALE**, 924 — Annandale Elec. Lt. & Pwr. Co.; cap. $6,000.
Pres. W. H. Towle..............Annandale
V. Pres. & Treas. Walter Pousford "
*Sec. Geo. H. Norse........... "
¶ Mgr. G. G. Sawyer........... "
Supt. E. N. Bouden............ "

1 d.c. — kw. 110 v; 200 kw. 110 v. stor. bat; d. c. day & nt. ltg. & mo. cir. 110 v; 35 hp. (gas) e. Bates & Edmond.
C D G L 112

**ANOKA**, 3,972—Munic. Elec. & Water Wks; cost $100,000; bds. $65,000.
Mayor, J. B. Berry ..................Anoka
City Mgr. Henry Lee................ "
Treas. J. C. Erlander................ "
*¶Supt. A. F. Beaty.. .............. "
2 a. c. G. E, Allis-C. tot. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Allis-C, Ideal; 400 hp. b. Franklin.
30 city West. arcs 4 amp; 75 incs. 100-40 w; 18 clusters 220 w; tot. $292.29 per mo; moonlt; coal $5.
D L S 1 ★115†

**APPLETON**, 1,221—Munic. Elec. Lt. & Wtr. Wks; cost $35,000; no bds.
*Pres. Bd. T. J. McElligott.....Appleton
Supt. Arthur Perman........... "
Engr. Pwr. Sta. Nels Fulson.... "
3 d. c. Ft W. tot. 135 kw. 220-110 v; d. c. day & nt. ltg. cir. 220-110 v; 225 hp. e. Ideal, Cor; 200 hp. b. Spring.
20 city clusters 340 w. 110 v. mdnt. & a'l nt; 38 incs. 60 w. all nt 10 cts. per kwhr; coal $5.46. (Contemplates installing 250 hp. b. and steam heating system.
C D L S ✠ ★125†

**ARGYLE**, 744—Munic. Elec. Lt. Plant; cost $17,150; bds. $12,000, 4 p. c. int.
Pres. Bd. A. Headrick.............Argyle
V. Pres. Ed. Armundgaard........ "
Sec. & Audr. E. A. Brekke........ "
Treas. E. A. Pfiffner................ "
*¶Mgr. & Ch. Engr. Martin Glende "
2 d. c. Ft. W. 75 kw. 110-115-125 v; d. c. ltg. cir. (dusk to mdnt. & 6 A.M. to 8:45 A.M.); d. c. nt. mo. cir; 80 hp. e. Ide; 100 hp. b. Northn.
6 city arcs enc. "Form 14" $84 per yr; 70 Mazdas $18 per yr; moonlt; coal $3 25
C L S ✠ ★125

**ARLINGTON**, 733 — Munic. Elec. Lt Plant; cost $9,500.
Pres. Bd. Nick Thomas........Arlington
Sec. Henry Meffert............, "
Treas. W. C. Streissguth....... "
*¶Cont. Agt., Supt., Engr. Pwr. Sta. & Ch. Elecn John Luhring "
2 d. c. Card. 110 v; 60 hp. e. Ideal; 70 hp b. Spring; coal $3.50.
C L S ✠ 75

**AURORA**, 1,919 — Munic. Elec. Lt. Plant: cost $25,000: bds. $10,000.
Vil. Pres. Dr. E. Darrow..........Aurora
¶ Pur Agt. W. J Lord............ "
*Supt. & Engr. Pwr. Sta. Chas. Juhlin.................... "
1 a. c. West. 150 kva. 2300 v. 3 ph. 60 cys; trans. volt. 2400 v. s. ph. 60 cys; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys: 175 hp. e. Ideal; 320 hp. b. Hawks.
Coal $4.82.
D L S 1 3 ★115†

**AUSTIN**, 6,960—Munic. Elec. Lt. Plant; cost $60,000.
Pres. J. D. Sheedy... ..........Austin
*Sec. J. C. Todd..................... "
Treas. J. L. Mitchell................ "
¶ Mgr. Wm. Todd .................. "
Ch. Engr. H. W. Boody............ "
Ch. Elecn. Wm. Huss......... .. "
3 a.c. G. E. Nat, Allis-C. tot. 1250 kw. 2300 v. 2 ph. 60 cys; 1250 kw. West. turbo gen; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v: 750 hp. e. Twin City, Murray; 400 hp. b. Wimington.
120 city arcs magn $48 per yr; 70 city tung. 60 w. $7.20 per yr; all nt; coal $3.25
D L S 2 ✠ 105†

**BAGLEY**, 801—Munic. Wtr. & Elec. Lt. Plant.
*Supt. & Ch. Engr. C.F. Blackman. Bagley
1 a.c. Tri 35 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 40 hp. (gas) e. F. M. & Co.
City cont. 11.30 P.M; kerosene.
G L 3 §85

**BARNESVILLE**, 1,353 — Munic. Elec Lt., Wtr. & Tel. Plant; cost $30,000; bds. $30,000.
Vil. Pres. C. H. Patterson....Barnesville
V. Pres. A. A. McCustan...... "
Sec. E. Amondt................. "
Treas. S. O. Collins............ "
*Mgr. H. H. Pierce............ "
Ch. Engr. C. E. DuKuse...... "
2 d.c. Ft.W. Tri. tot. 125 kw. 220 v; d.c. nt. ltg. & mo. cir. 220 v; 205 hp. e. Ideal; 160 hp. b. Brnl.
600 city incs. 16 c. p. 11 cts. per kw; moonlt; coal $5.40.
C L S ✠ 125

**BARNUM**, 400—Cloquet Elec. Co. See Cloquet.
City cont. 15 Mazdas 20 & 30 c.p. 12 cts. per kwh.
L 125

**BAUDETTE**—Munic. Elec. Lt. Plant; cost $25,000.
Pres. Vil. Coun. J. U. Williams..Baudette
Clerk, T. J. Clausen............. "
Treas. R. M. Skinner............ "
*Gen. Supt. R Middleton....... "
Engr. Pwr. Sta. Arthur Elstad.. "
2 a. c. Elec. Mch. tot. 124 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 110 v. 3 ph. 60 cys; 225 hp. e. Ideal; 250 hp. b Frmn.
75 city Mazdas 5 cts. per kw. hr; all nt: wood $3.
D L S 3 ✠ ★16

**BELGRADE**, 448—Munic. Elec. Lt. & Water Plant; cost $11,500; bds. auth. & outstg. $6,000.
Pres. W. S. Hitchmye ...........Belgrade
*Sec. P. O. eine................. "
Treas. A. M. Madson............ "
¶ Mgr & Engr. Pwr. Sta. Elmer Iverslin............ "
1 d. c. Ft. W. 15 kw. 220 v d. c. mo cir. 220 v; 25 hp. e. (gas) F. M. & Co.
78 city incs carbon, 120 w; 11 P. M. moonlt.
C G L ✠ 23

**BELLE PLAINE**, 1,204 — Northern Pwr. Co. (Power plants in Bell Plaine and Excelsior); cap. $80,000.
Directors
Carl A. Arndt..........Excelsior
Stephen J. Rauchwarter "
*Frank L. Rauchwarter Belle Plaine
Engr. Pwr. Sta. Fred. Schultz "
2 a. c. G. E. tot. 75 kw. 1100 v. s ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Bates, 50 h p. (oil); 80 hp. b. Frost.
City cont. 10 series arcs 6 amp. $65 per yr; 20 tung series 100 w $25.50 per yr; 1 A. M; kerosene 4 cts. per gal.
L S 1 ✠ 125

**BELLINGHAM**, 359 — Bellingham Elec Lt Co.; cap. outstg. $5,400; bds. $4,500.
*¶Pres. Lucius F. Clark......Bellingham
V. Pres. Frank Oestreich..... "
Sec. H. A. Oncken............. "
2 d. c. F. M. & Co. Peerless, tot. 81 amp. 110 v; stor. bat. Pwr. Accumulator Co. 110 v 180 amp. hrs: d c. day & nt. ltg. & mo cir: 40 hp. e. (gas) F. M. & Co.
City cont. 75 incs. 40 to 100 w. 15 cts. per kw. minim. per mo. 3 @ $70, 3 @ $50 & 6 @ $60; kerosene oil & distillate.
C D G L ✠ ★16

**BEMIDJI**, 7,515—Minn. Elec. Lt. & Pwr. Co. (In May, 1915, purchased the property of the Warfield Elec. Co., the Beltrami Elec. Lt. & Pwr. Co., and Cushing (Okla.) Public Service Co.) Offices, Duluth and Chicago, Ill. Gen. stas. at Bemidji and Cushing, Okla.

*Pres. C. S. Rogers
309 Alsworth Bldg., Duluth
Sec. & Treas. O Le Neve Foster,
704 Harris Tr. Bldg., Chicago, Ill.

3 a.c. G.E, Elec. Mch. tot. 1000 kw. 2300-116 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 220 v; 750 hp. e. H. & B, F. & S; 600 hp. b. Kew, Frost; 1100 hp. turb. (wtr.) Smith; 3 transf. G. E. tot. 600 kw.

City cont. 42 arcs G. E. 7.5 amp; 100 incs. 60 w.Tung. 48 c. p. $13.50 per yr; all nt; shavings. (Co. also lts. Nymore.)

D L S 3 ✠ ★16

**BENSON**, 1,677—Munic. Wtr. & Lt. Board; cost $36,000.

Pres. Bd. Elmer Strand............Benson
Sec. Leonard Paterson............ "
Treas. Thomas S. Wonniche...... "
Supt. & Ch. Engr. Theo. K. Lee.. "
Engr. Pwr. Sta. Carl Alsaker...... "
Asst. Engr. Pwr. Sta.
Henry E. Hanson............... "

2 d. c. Tri. Elec. Mch. Co. tot. 180 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 350 hp. e. Cor. Bckye; 250 hp. b. Wms.

84 series Mazdas 60 w. mdnt; 21 incs. 100 w. all nt; 150 i cs. 100-60 w. mo nlt; 10 cts. per kw; coal $5.50.

C D L S ✠ ★125†

**BIG FALLS**, 325—Big Falls Mfg. Co.

Pres. S. W. Gilpin.................Duluth
*V. Pres. F. W. Van Nort.......Big Falls
Sec. & Treas. N. A. Young........Duluth
¶Mgr. & Cont. Agt.
Hogan Burud.................Big Falls

1 a. c. West 60 kw. 1100 v. s. ph 133 cys; a. c. nt. ltg. cir. 110 v; a. c mo. cir. 220 v; 50 hp. e. Ide: 160 hp. b. Mil.

City cont. 67 tung. 60 w. 12½ cts. per kw. hr; all nt; refuse.

D L S 1 ✠ 74

**BIRD ISLAND**, 931--Renville County Elec. Co. Office, Bird Island. (Controlled by Central Minnesota Lt. & Pwr. Co.); cap. outstg. $30,000; bds. $20,000.

Pres. & Audr.
W. R. Rutledge...... .. Spring Valley
Sec. & Mgr. H. B. Rutledge..Minneapolis
Treas. B. F. Allen................Glencoe
¶Pur. Agts. Central Minn.
Lt. & Pwr. Co. .............Minneapolis
Gen. Supt J. H. Yarnell......Bird Island
Engr. Pwr. Sta. C. Chapin... "

3 a. c. Elec. Mch. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo cir. 110-220 v s. & 3 ph. 60 cys; 200 hp. b. Bros: 250 hp. e. Mur. Cor.

City cont. 43 Mazdas 60 & 100 c. p. $21 per yr; 20 5-lt. posts $2.50 per post per mo; coal $5.20 (Trans. to Olivia, Hector, Buffalo Lake and Stewart.)

D L S 1 3 ✠ 25

**BIWABIK**, 1,690—Munic. Elec. Lt. Plant; cost $14,000; bds. $5,000.

Pres. Vil. F. S. Colvin............Biwabik
Clerk I. A. Gilpatrick ........... "
Sec. J. S. Hopkins............... "
Treas. J. J. Kelley.............. "
*¶ Mgr. James Irwin............ "

3 a. c. West. tot. 210 kw. 2200-1100-110 v. 3 ph. 60 cys; no day cir; 270 hp. e. Ide. Mpls; 300 hp. b. N. W. B. Wks: energy purchased from Great Northern Pwr. Co.

14 city arcs 400 w; 100 city incs. 16 c. p; moonlt; coal $4.50.

L S 3 ✠ ★115†

**BLACKDUCK**, 942—Blackduck Elec & Telephone Co.; cap.auth. $50,000; no bds.

¶Pres. & Mgr. M. D. Stoner.....Brainerd
Sec. & Treas. Mrs. M. D. Stoner.. "
*Supt. & Engr. G. Sherberg...Blackduck

2 d. c. Ft. W. tot. 50 kw. 125 v; d. c. nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 240 hp. e. Ideal, Reeves; 210 hp. b. Bros; also stm. htg.

City cont. 5 arcs enc. $108 per yr; 20 Tung 60 w. $18 per yr; moonlt; wood $2.

C H L S ✠ 25

**BLOOMING PRAIRIE**, 854—L. G. Campbell Mfg. Co. Office, Owatonna; plant at Blooming Prairie; cap. $100,000.

¶ Pres., Mgr. & Cont. Agt.
L. G. Campbell.............. Owatonna
V. Pres. & Treas. T. H. Kelly.... "
Sec. E. C. Campbell...............Austin
* Supt. & Engr. Pwr. Sta.
Geo. Upcraft..........Blooming Prairie

1 a. c. Elec. Mch. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Mpls; 100 hp. b. Frost.

City cont. 7 Mazdas 500 w. $60 per yr; 31 Mazdas 40 w. $12 per yr; moonlt. mdnt; coal $3.20. (also lts. Ellendale.)

D L S 3 ✠ ★125

**BLUE EARTH**, 2,319—Munic. Elec.Lt. & Wtr. Wks.; cost $55,000; bds. $25,000.

Pres. Bd. E. Franklin.... . .Blue Earth
V. Pres. J. C. McLoughlin.... "
Sec. E. Floes.................. "
Treas. A. Moss................ "
*¶ Supt. Don Fitch .......... "

3 d. c. Brnl. tot. 140 kw. 110 v; d.c. day & nt. ltg. & mo cir. 110-220 v; 225 hp. e. Ideal, Buffalo; 100 hp. b. Bros.

18 city clusters 220 w. $80 per yr: 97 incs. 40 w. $11.50 per yr; all nt; coal $2.55. (Changing to a. c. system and will install 250-kw. gen.)

C D L S ✠ 16

**BOVEY**, 1,377—Western Mesaba Elec. Co.

Owners. F. McCormick,
2015 E. 2d St. Duluth
Thos H. Mackie,
Sault Ste. Marie, Mich.
* Mgr. W. H. Mackie ..............Bovey
Ch. Engr. & Elecn. E. J. Matheson.. "

1 a. c. G. E. 115 kw. 2300-208-104 v. 3 ph. 60 cys; no day cir; 200 hp. e. Ide; 300 hp. b. Gogebic, Duluth.

City cont. 25 arcs 6.6 amp. $96 per yr; 150 incs. 40 & 65 w. $15 per yr; 10 series Tung. 100 w. $36 per yr; all nt; coal. (Co. also lts. Coleraine. Twp. of Iron Range and the Oliver Mining Co.)

L S 3 ✠ 25E

**BRAINERD**, 8,526—Munic. Wtr. & Lt. Dept.

Pres P. W. Donovan ...........Brainerd
V. Pres. A. A. Wiedeman ...... "
*¶ Sec. Cont Agt. & Supt.
Wm. Nelson.................. "
Treas. A. M. Opsahl ........ "

Purchases energy from Cuyuna Range Pwr. Co.; 98 transf; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph 60 cys.

90 city arcs West. 4 amp. and 82 orna. clusters 220 w. moonlt.

D L 1 ✠ ★16

**BRECKENRIDGE**, 1,840 — Munic Elec. Lt. & Wtr. Plant; cost $50,000; bds. $16,280.

Mayor, J. C. Kain..........Breckenridge
Pres. Wtr & Lt. Comn.
T. Casey.................. "
¶ City Clerk, D. J. Jones .. "
City Audr. P. E. Truax..... "
* Supt. F. L Moote.......... "
Ch. Engr. S. C. White...... "
Engr. Pwr. Sta.
W. H. Auman ............ "

Energy purchased from Otter Tail Pwr. Co. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

70 city Mazdas 100 w. 9 cts. per kw; moonlt.
D L 3 ✣ 25

**BROOKSTON,** 100—Cloquet Elec. Co. See Cloquet.
5 transf. G. E. tot. 30 kw; a. c. day and nt. mo. cir. 110 v. 3 ph. 60 cys.
City cont. 13 "C" incs. 80 c.p. $8.80 per yr.
D L 3 125

**BROWNTON,** 509 — Munic. Elec. Lt. Plant; bds. outstg. $10,000.
Vil. Pres. M. B. West ..........Brownton
*Recorder, Wm. Studevant .... "
Treas. Frank Mann............ "
Engr. Pwr. Sta. G. Goar........ "
a. c. gen. 3 ph; gas eng.
Gasoline.
G L 3 §16

**BROWN VALLEY,** 1.058 — Ottertail Power Co. See Fergus Falls.

**BUFFALO.** 1,227—Munic. Elec. Lt Plant; cost $18,000.
Pres. Council, C. A. Ferrel........Buffalo
Sec. E. O. McGaffey .............. "
Treas. B. A. Bonstrom............. "
* Supt. H. H. Chilson ............ "
Engr. Pwr. Sta. C. A. Bowman.... "
1 a. c. Mpls. 55 kw. 2200 v. 2 ph. 60 cys; a.c. nt. ltg. cir. 110 v; a.c. mo. cir. 220-110 v; 90 hp.e. (gas) Nash; 125 hp. gas pro. Smith. Energy also purchased from the Lt. & Pwr. Co. of St. Cloud.
16 city arcs 6.6 amp. 660 w; 26 tung. series 80 w; moonlt; coal $7.75.
G L S 2 115†

**BUHL,** 1,005—Munic. Elec. Lt. & Pwr. Plant; cost $60,000.
Pres. Geo. R. Barrett................ Buhl
¶ Sec. Axel Kilstrom................. "
Treas. Wm. Renlund ................. "
* Mgr. & Ch. Engr. Dan Kinsman.... "
2 a. c. Elec. Mch. tot. 325 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 550 hp. e. Chuse; 450 hp. b. Brnl. Kew.
75 city clusters 340 w; 15 arcs W. E. 4 4 amp; 18 incs. 100-60 w.
C L S *115

**CALEDONIA,** 1,372—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $25,000; bds. $9,000.
Pres. Dr. Rhiner..............Caledonia
Sec. D. C. Nerrlo ................ "
Treas. H. C. Blexrud............ "
*¶ Supt. & Ch. Engr. John Eischen "
3 d c. Ft. W., tot. 150 kw. 110 v; d. c. nt. ltg. cir. 110 v; 250 hp.e. Chuse, Bckye: 340 hp. b. La Crosse.
72 city incs. 10 cts. per kw; moonlt; coal $3.50.
C L S 15E

**CAMBRIDGE,**900—Cambridge Milling Co.; cap. $28,350; no bds.
*Pres. G. C. Starr..............Cambridge
V. Pres. E. Olson............. "
¶Sec. Treas. Mgr. & Cont. Agt.
Geo. Starkweather .......... "
Engrs. Pwr. Sta. } John Rydeen....... "
} W. Wicklund....... "
3 d. c. Gen; 220 hp. e; d. c. day & nt. ltg. & mo. cir. 220 v.
City cont. 6 arcs; 22 incs; tot. $59.75 per mo; coal & wood.
C D L S ✣ 44†

**CANBY,** 1.528—Citizens Lt., Ht. & Pwr. Co.; cap. $50,000; bds. $10,000.
¶ Pres. & Mgr. Emil W. Erick.....Canby
V. Pres. Harry J. Tilliman.....Minnesota
*Sec. & Supt. Oscar Sorensen......Canby
Treas. Dr. Heinrich Tillisch ...... "
Audr Elmer C. Edwards ....... "
Engr. Pwr. Sta. Geo. C. Miller..... "
2 a.c. Ft. W. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & mo. cir. 220 v; 300 hp. e. Mur; 200 hp. b. Mur; stm. htg.
City cont. 183 incs. series 100 w. $28-$30-$32-$34 per yr; moonlt: coal $4.50. (Also lt. Porter, Taunton and Minneota.)
D H L S 3 ✣ ★125

**CANNON FALLS,** 1,385—Consumers Pwr. Co. See Faribault.
Engr. J. Augsburger.........Cannon Falls
Energy from Faribault; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. 220 v. s. & 3 ph. 60 cys.
City cont. 90 incs. 60 w. $10 per yr; moonlt. midnt.
D L 1 3 ✣ 25

**CARLTON,** 680—Cloquet Elec. Co. See Cloquet.
City cont. 24 Mazdas 80 c. p. $20.50 per yr.
L 125

**CASS LAKE,** 2,011—Cass Water Lt. & Pwr. Co.
Pres. Guilford G. Hartley.........Duluth
V. Pres. W. T. Burris.............. "
Sec. & Treas. H. Hartley........... "
*¶ Mgr. Dana V. Wardner......Cass Lake
Supt. & Ch. Engr. Pwr. Sta
Frank E. Bateman........... "
4 d. c. G. E. tot. 400 kw. 110 v; d c. nt. ltg. cir; 300 hp. e. Ide; —— hp. b; stm. htg.
City cont. 27 arcs 1200 c. p., moonlt; coal and wood.
C H L S ✣ 25

**CHASKA,** 2,050—*Munic. Elec. Lt. & Pwr. Plant; cost $16,000; bds. $5.000.
¶ Mgr. —— —— ...........Chaska
2 d. c. Tri. 100 kw. 230 v; d. c. day & nt. ltg. & mo. cir. 220 v; 175 hp. e. Ideal, Chuse; 210 hp. b. Bros. Brnl.
250 city Mazdas 100 w. $18 per yr; moonlt. mdnt; coal $3.40.
C D L S ✣ 55W

**CHATFIELD,** 1,228 — Chatfield Elec. Lt. & Pwr. Co.; cap. auth. $50,000; pd. in $26,700, 8 p.c. div; no bonds.
Pres. Joseph Underleak. .......Chatfield
Sec. Geo. R. Thompson........ "
*Supt. Ed. Howard............ "
1 a. c. Ft. W. 2000-100 v. s. ph. 140 cys; 125 hp.e. Ide; 125 hp. turb; 125 hp. b.
City cont. 4 arcs 2000 c. p. $60 per yr; 50 incs. 32 c. p. 15 cts. per kw; mdnt; wood.
L S 1 ✣ 25

**CHISHOLM,**7,684—Chisholm Elec.Co.; cap. auth $150,000; bds. $70,000.
Pres. Neal Brown.................Wausau
V. Pres. Cyrus Vawkey............ "
*¶Sec. Treas. & Mgr.
R. M. Heskett.................Chisholm
Supt Alexander McDonald...... "
Ch. Engr. Grant Ford.......... "
Engr. Pwr. Sta. W. Sandberg... "
3 a. c. Allis C, G. E. tot. 2200 kw. 1150 v. 3 ph. 60 cys: 2 d.c. Allis-C. tot 30 kw. 125 v; 2 rect. West. 100 lt; a. c. day & nt. ltg. cir. 220-110 v; a c. day & nt. mo. cir. 220 v: 600 hp. e. Allis C; 1000 hp. b. Frmn, 725 625 kw. stm. turb. Also purchases energy from Great Northern Pwr. Co.; 2 transf. Pitts. tot. 475 kw.
City cont. 102 arcs West. (met. flam.) 4.2 amp. $100 per yr; 125 tung. 60 & 100 w. 5 cts. per kw; all nt: coal $4.25. (Also lts. Monroe, Kenny, Spena, Tucknow, Shenango, Hartley and Glenn.)
D G L S 3 16

**CLARKFIELD,** 603—Clarkfield Roller Mills & Elec. Lt. Co.
* Pres., Sec., Treas., Cont. Agt.
& Mgr. G. H. Ledbetter.......Clarkfield
Engr. Pwr. Sta. W. I. Tiffany... "
2 d. c. Elec. Mach. Co. tot. 70 kw. 220 v; d c. day & nt. ltg. & mo. cir. 220 v; 100 hp. e. (gas) Minpl; 125 hp. gas pro; 75 hp. e. (oil) Minpl.
City cont. 2 arcs; 1200 Tung; moonlt; yr; coal, $6.25 and kerosene.
C D G L ✣ ★125

**CLOQUET,** 7,031—Cloquet Elec. Co.; cap. $100,000; no bds.
Pres. H. C. Hornby..................Cloquet
V. Pres. J. E. Lynds................ "
Sec. & Treas. H. G. Stevens....... "
*Supt. L. P. Runkel................ "
Engr. Pwr. Sta. Frank Frye..... "

3 a. c. G. E tot. 1900 kw. 13,000 & 2300 v. 2 & 3 ph. 60 cys; trans. 13,200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-110 v. s. 2 & 3 ph. 60 cys; 500 hp. e. B. & W: 400 hp. b; 800 kw. stm. turb; purchases 1000 kw. from Great Northern Pwr. Co; 6 transf. G. E. West. tot. 1000 kw; 1000 kva. freq. chgr. G. E.

City cont. 75 Mazdas 400 c.p. $79 per yr; 14 incs. 32 c. p. $18 per yr; all nt; wood. (Co. also lts. Carlton, Brookston, Floodwood, Sturgeon Lake, Scanlon, Atkinson, Willow River, Rutledge, Finlayson, Groningen, Asker, Mahtowa, Barnum and Moose Lake.)

D L S 1 2 3 ✠ 125

**COLERAINE,** 1,613—Western Mesaba Elec. Co. See Bovey.

**CROOKSTON,** 7,559—Crookston Wtr. Wks., Pwr. & Lt. Co.; cap. $175,000; bds. $163,000
Pres. W. J. Murphy..........Minneapolis
Sec. Fred. E. Murphy......... "
*¶ Treas. & Gen. Mgr. E. Peterson
Crookston

6 d. c. G. E. tot. 680 kw. 220-110 v; 2 a. c. G. E. tot. 780 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys; d. c. mo. cir. 220 v. 3 wire; 1200 hp. e. Rus, West; 1250 hp. turb. (wtr.) Trump, Smith; 625 hp. b. Stir; 500 hp. turb. (stm.) G. E; also stm. htg. (Also purchases energy from Electrical Development Co.)

City cont. 72 d. c. arcs 550 w. $91.25 per yr; all nt; coal $3.30.

C D H L S W 3 ✠ 114

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The Electrical Development Co. (Successor to The Red River Farm & Land Co.) (Plant on Red Lake River east of Crookston.)
Pres. C. B. Van Sant.........Minneapolis
V. Pres. & Treas. E. P. Stewart "
Sec. Arnold L. Guesmer...... "
Supt. Ed. Peterson ..............Crookston

1 a. c. West. 500 kw. 2300 v. 3 ph. 60 cys; 900 hp. wtr. wheel Morgan; energy sold to Crookston Wtr. Wks., Pwr. & Lt. Co. and Red River Pwr. Co.

T W 3 ★115†

**CROSBY,** 1,000—Cuyuna Range Pwr. Co. See Deerwood.

**DAWSON,** 1,318—Munic. Lt. Ht. & Pwr. Co.; bds. $28,000.
Pres. Bd. Chas. Hill.................Dawson
*Sec. H. O. Halverson.............. "
Treas. Peter Berg.................. "
¶ Pur. Agt W. L. Bower........ "
Engr. Pwr. Sta. Chas. Stageberg.. "

2 d. c. Westg. tot. 130 kw. 220 v; d. c. day & nt. ltg. cir 110 v; d. c. mo. cir. 220 v; 190 hp. e. (gas) Mpls; 200 hp. gas pro. Mpls; 220 amp. hr. stor. bat. Pwr. Accr. Co., 110 v. 35 amp.

4 city arcs 1200 c. p; 80 city Mazdas 40 w. 12 cts. per kw; all nt; coal $7.

C D G L ✠ 25

**DEER RIVER,** 900—Everton Elec. Lt. & Pwr. Co.; cost $17,000.
*Owner & Mgr. W. A. Everton. Deer River

1 d. c. E. M. Co. 53 kw. 220 v: d. c. day & nt. ltg. cir 230 v; 80 hp. e. gas Mnpl; 80 hp. gas pro. Mnpl.

City cont. 21 arcs A. B. 3½ amp. $108 per yr; moonlt; coal $7.

C D G L ✠ 22

**DEERWOOD,** 586—Cuyuna Range Pwr. Co. Pwr. plants at Deerwood (stm.), Brainerd (gas) and Sylvan (wtr); cap. $250,000; bds. $500,000.
*Pres. & Mgr. M. D. Stoner.....Deerwood
¶ V. Pres. T. H. Croswell......, "
Sec. & Treas. A. W. Miller...... "
Supt. F. Olson.................. "

Pwr. stas. equip: 3 a. c. G. E. Allis-C. tot. 1700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-110 v; a. c. day & nt. mo. cir. 2300-440 v; 300 hp. e. Mnpls; 250 hp. b. Mnpls; 2000 turb. Smith; 450 hp. (gas) Mnpls.

City cont. 80 tung. 150 c. p. 11 P. M. and all nt; 8 cts. per kw; coal $4. (Also lts. Cuyuna, Crosby, Ironton, Riverton Barrows and sells energy at wholesale to city of Brainerd.)

D G L S W 3 ✠ 125

**DELANO,** 1,031—Munic. Ltg. System.
Pres. L. B. Bartlett ...............Delano
Vil. Recorder, Fred. Brandes...... "
Treas. C. J. Lohmillis .............. "
*Supt. N. G. Sandberg............. "

Energy purchased from Minneapolis Gen. Elec. Co; 10 transf. Dun. A. B. G. E. tot. 73 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

54 city Mazdas series 100-400 w. 6 cts. per kwh.

D L 1 3 ✠ 125

**DETROIT,** 2,807—Munic. Electric Lt. Plant: cost $100,000; bds. $40,000.
Pres. Bd. W. L. Taylor............Detroit
Sec. G. C. Nunn...................... "
¶ City Clerk, E. J. Bustick......... "
*Supt. & Ch. Engr. Geo. Learman. "

2 a. c. W. E tot. 266 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Mnpls; 250 hp. b. Frmn; also stm. htg.

7 city arcs a. c. series 6.6 amp; 125 city tung. series 6.6 amp. 60 & 100 c. p. 9-8 7-5 cts. per kw; 65 5-lt. posts; all nt; wood $2.50; coal $5.

D H L S 3 ✠ 35E

**DILWORTH,** 700—Union Lt., Ht. & Pwr. Co. See Fargo, No. Dakota.

Trans. 6600-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 15 incs. series. 32 c. p. $18 per yr; all nt.

D L 1 3 25

**DODGE CENTER,** 957—Iowa-Minnesota Lt. & Pwr. Co; cap. outstg. $19,400.
*Pres., Mgr. & Cont. Agt.
Homer G. Hall............Dodge Center
V. Pres. M. E. Mosingo......Clarion, Ia.
Sec. & Treas. C. M. Cooper. Dodge Center
Supt. Leo Humason......... "
Engr. Chas. Livingston..... "

2 a. c. Elec. Mch. tot. 135 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. S. C. Cor; 160 hp. b. Mur; 65 hp. gas e. Minpl; 65 hp. gas pro. Minpl.

City cont 49 incs. "B" 60 w. $18 per yr; all nt; coal $3.26. (Sells energy to Dodge County Pwr. Co, Hayfield.) (Contemplates the installation of additional steam unit and the erection of 10-mile trans. line.)

D G L S 1 3 §16

**DULUTH,** 78,466—Duluth Edison Elec. Co., 216 N. 1st St.; cap. $1,650,000; bds. $1,353,000.
Pres. A. W. Hartman............ Duluth
V. Pres. S. Z. Mitchell.
71 Broadway, New York, N. Y.
Sec., Treas. & Mgr.
C. E. Van Bergen, Duluth

*¶ Asst. Mgr. & Ch. Engr.
C. W. Higgins........................Duluth
Cont. Agt. W. S. Heald............ "
Supt. R. B. Jennings................ "
Engr. Pwr. Sta. C. J. Wendt....... "

Energy purchased from Great Northern Pwr. Co.; 4 freq. changers G. E. tot. 8500 kw; 2 d. c. G. E. tot. 375 kw. 500 v; 7 a. c. G. E. tot. 10,550 kw. 4000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v; 3000 hp. e. Allis-C; 3000 hp. b. Butman; steam plant used for supplying heat.

City cont. 500 arcs enc. a. c. 420 w. $45 per yr; 750 incs. series (40 w.) & mult. (50 w) $15 per yr; 4000 hrs; coal $2.75. (Co. sells energy to Park Point Trac. Co.)

C D H L S 1 3 ★16

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Great Northern Power Co. Office 15th Ave, West & Superior St. (Hydro-elec. sta. at Thomson; stm. sta at Virginia (leased from Mesaba Ry. Co.); cap. outstdg. $11,000 000; bds. $7,571,000.

Pres. C. A Duncan..................Duluth
V. Pres. R. W. Watson
61 Broadway, New York, N. Y.
Sec. Oscar Mitchell..................Duluth
¶ Treas. T. B. Hawkes............. "
*Mgr. & Ch. Engr. W. N. Ryerson. "
Gen. Supt. A. G. Darling.......... "

6 a. c. G. E. tot 49,000 kw. 6600 & 600 v. 3 ph. 25 & 60 cys; 1400 hp. b. Edge, Stir; 4000 kw. turb. (stm.) G. E; 57,000 hp. turb. (wtr.) Allis-C, Morris: trans. volt. 33,000-22 000 v. 3 ph. 25 & 60 cys. Wood refuse. (Co. sells energy in bulk to Duluth Edison Elec. Co., Chisholm Elec. Co. and Superior (Wis.) Wtr., Lt. & Pwr. Co; also to municipalities of Hibbing, Gilbert, McKinley and Biwabik.

S T W 3 ★125

**EAST GRAND FORKS,** 2,533—*Munic. Ltg. System; cost $32,000.
Ch. Elecn. Jno. Fiers..East Grand Forks

Purchases energy from Red River Pwr. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. day & nt. ltg. cir. 110 v; d.c. day & nt mo. cir 220 v.

35 city Mazdas 250 w. and 65 Mazdas 60 w. 5 cts per kw; moonlt; all nt.

C D L X 55w

**ELBOW LAKE,** 776—Otter Tail Pwr. Co. (Purchased Munic. Plant.) See Fergus Falls.
Supt O. Austinson...........Elbow Lake

Reserve equipt; 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 85 hp. e. Twin C: 250 hp. b. Twin C.

4 city arcs A. B; moonlt; coal $6.

D L S 3 ✠ 25

**ELLSWORTH,** 536—Munic. Elec. Lt Plant; cost $12,000; bds. $8,000.
¶ Clerk, H. G. Kramer.........Ellsworth
*Supt. & Engr. Pwr. Sta.
John Boomgarden....... ... "

2 d. c. Ft. W. W E. tot. 60 kw. 110-220 v; d.c day & nt ltg. cir. 115-230 v; 100 hp. e. (oil) F. M & Co., J. & J. Loomis.

26 city incs; moonlt; kerosene.

C D G L ★16

**ELY,** 3 572 — *Munic. Elec. Lt. Plant; cost $35 000.
Supt. T. W. Tool... ............. .....Ely

2 a. c. West. tot. 250 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 600 hp. e. Allis-C, Skur; 300 hp. b. Brnl. Dacey.

45 city arcs G. E; all nt; coal $4.25.

D L S 1 ✠ 23

**EVELETH,** 7, 036—Home Elec. & Htg. Co., 422 Jackson St.; cap. $75,000; no bds.
Pres. & Treas. H. E. Griswold....Eveleth
*¶ V. Pres. Sec. & Mgr.
R. M. Dungan...................... "
Cont. Agt. & Supt. E. J. Banks.... "
Engr. Pwr. Sta. Walter Davey.... "
Asst. Engr. Herbert Stanaway...... "

2 a. c. G. E. tot. 525 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 700 hp. e. Bckye, Lentz; 633 hp. b. N. W. Dacey, Duluth, Erie; also stm. htg.

City cont. 87 Mazdas 500 w. $96 per yr. (47) & $120 per yr. (40); 255 Mazdas 100 w. $14.40 per yr; all nt; coal $3.10. (Co. also lts. surrounding mining locations.)

D H L S 3 ✠ 125

**EXCELSIOR,** 1,115 – Northern Pwr. Co. See Belle Plaine for officers.

1 a.c. Ft. W. 80 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 175 hp. e. Bates, Cor; 200 hp. b. Frost, ros; also purchases energy from Minneapolis Gen. Elec. Co; 3 transf. G. E. tot. 150 kw.

City cont. 26 arcs series 4 amp. magn. $65 per yr; 50—100 w. and 7—350 w. tung. series 6.6 amp. $25.50 per yr; 1 A. M; coal $5.20. (Also lts. Wayzata, Deephaven, Tonka Bay, Ferndale and Minnetonka Beach; will lt. Spring Park.)

D L S 1 3 125

**EYOTA,** 423—Munic. Elec. Lt. Plant.
Pres. of Council, H. Hansen........Eyota
*Clerk J. T. Richards............... "
Treas. B. L. Johnson................ "
Mgr. H. E. Smith..................... "

1 a. c. F. M. & Co. 20 kw. 1150 v. s. ph. 60 cys; a. c. ltg. cir. 110 v. 60 cys; 25 hp. e. (gas) F. M. & Co.

Gasoline, 10½ cts. per gal.

G L 1 125

**FAIRFAX,** 815—Munic. Elec. Lt. Plant; bds. outstdg $5,000.
Pres. C. W. Hienmon.............Fairfax
Sec. A. E. Carver................... "
Treas. H. Grossmoen.............. "
*¶ Cont. Agt. & Supt.
A. G. Anderson................... "

Purchases pwr. from Crescent Milling Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 16

**FAIRMONT,** 3,800—Water & Lt. Commission (Munic.); bds. $41,000.
Pres. F. E. Wade...............Fairmont
V. Pres. H. C. Nolte............. "
Sec. H. J. Waite................. "
*¶ Mgr. & Cont. Agt. Alfred Horne "

4 a. c. W. E, Allis-C. tot. 650 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 118 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 840 hp. e. (gas) Mpls; 640 hp. gas pro. Mpls.

89 incs. series "C" 400 c. p. and 99 incs. mult. 60 w. 4 cts. per kwh all nt; coal $6.36.

D G L 3 ✠ 125

**FARIBAULT,** 9,001—Consumers Pwr. Co. (Faribault Div.) Hydro-elec. sta. at Cannon Falls—stm. plant at Faribault. For executive officers see St Paul.
Mgr. B. W. Cowperthwait......Faribault
Supt. Edward Chappuie........Faribault
Engr. Pwr. Sta.
Bert Chappuie................. "

7 a. c. G. E, Bull, Allis C. tot. 1885 kw. 2300-220-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 800 hp. e. Westg, Twin City, Allis-C; 600 hp. b. Wms, Stir; 2400 hp. wtr. wh. Pelton.

City cont. 104 a.c. enc. arcs 550 w. 7.5 amp. $65 per yr; 90 incs. 32 c.p. $10 20 per yr; 148 3-lt curb posts. 40w. $34 per yr; moonlt. all nt; coal $3.50. (Also lts. Northfield, Zumbrota, Waterville, Janesville, Wanamingo, Morristown, Elysian,

Cannon Falls, Dundas, Randolph, Madison Lake, Eagle Lake, Goodhue, Rosemount and Lakeville, and wholesales energy to City of Waseca, Kenyon and Farmington.)
D L S W 1 3 85w

**FARMINGTON,** 1,024 — Farmington Elec. Lt. & Pwr. Co. Inc.; cap. $10,000.
Pres. A. H. Sprute...........Farmington
V. Pres. A. Empey ............ "
Sec.& Treas. E. H. Dosey.... "
*¶ Mgr. Cont. Agt. & Engr. Pwr. Sta. F. H. Eddy ...... "

Energy purchased from Consumers Power Co. (Faribault Div.); trans. volt. 2300 v. 3 ph; 3 transf. G. E. tot. 100 kw; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v.

City cont. 4 arcs magn. G. E. 4 amp. $93 per yr; 38 tung. 40 w. $14.40 per yr.
D L 3 ✠ 125

**FERGUS FALLS,** 6,887—Munic. Elec. Ltg. System; cost $60,000; bds. $17,000.
*Supt. & Ch. Elecn. J. W. Peterson............Fergus Falls

Energy purchased from Otter Tail Pwr. Co.; a. c. day cir. 2200-220-110 v. s. & 3 ph. 60 cys.

55 city arcs 2000 c.p.$36 per yr; 5 cts. per kw: moonlt.
D L 3 ✠ 25†

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Otter Tail Pwr. Co. Office, Fergus Falls· Wtr. pwr. plants (3) at Dayton Hollow, Hoot Lake nr. Fergus Falls and at Fergus Falls; reserve stm. plants at Morris Graceville and Elbow Lake and at Wahpeton and Hankinson, N.D.) (In 1915, purchased Brown Valley Elec. Lt. Plant); cap. outstg. $563.600; bds. $200,000.
Pres. Vernon A. Wright.....Fergus Falls
Sec. & Treas. F. G. Barrows, Los Angeles, Calif.
*¶ Mgr. C. B. Kidder........Fergus Falls

Total equip: 1 d. c. G. E. 50 kw. 230 v; 8 a. c. G. E. tot. 2700 kw. 2300 v. 3 ph. 60 cys; 1 arc G. E. 16 lt; trans. 40,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.; d. c. (Fergus Falls only) day & nt. mo. cir. 220 v; 1000 hp. b. Heine. Bros; 1015 hp. e. McI. & S, Ideal. B. & W, Allis-C, Minpl; 3080 hp. wtr. wh. Smith, Pelton.

Coal $4.30. (Co. operates about 225 miles of trans. lines 38,100 and 11,400 v. furnishing electrical energy for all classes of service in the following towns: Breckenridge, Campbell, Chokio, Clinton, Doran, Elbow Lake, Fergus Falls, Foxhome, Graceville, Herman, Hancock, Johnson, Morris, Tenney, Wendell and Wheaton. Minn; Fairmount, Hankinson and Wahpeton, N. D., and White Rock, S. D.) (Will erect trans. line to Brown Valley, Beardsley and Peever and Sisseton, So. Dak.)
C D N S W 3 ✠ 125w

***FOLEY**, 710—Foley Elec. Lt. & Pwr. Co.; cap. $15,000.
Pres., & Mgr. Harmon E. Becker ...........Foley
V. Pres.. Geo. A. Becker....Sand Rapids
Sec. & Treas. Helen S. Becker......Foley

2 d. c. Sprague tot. 80 kw. 220 & 250 v: stor. bat. 130 120 amp. hr. U. S. Lt: d. c. day & nt. ltg. & mo. cir. 220-110 v; 60 hp. e (oil) Foos: 40 hp. e. (oil) Venn-Severin.

City cont. 20 tung. 400 w; midnt; oil.
C D G L ✠ 125

**FOSSTON**, 1,075—Munic. Elec. Lt. & Wtr. Wks.; cost $30,000; bds. $8,000.
Pres. Vil. K. Movold.............Fosston
*Recorder, O. M. Brandt.......... "
Treas. Frank H. Lohn........... "
Supt. H. Halvorson................ "
Engr. Pwr. Sta. Nels Sardbeck... "

2 d. c. Ft. W. tot. 135 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 225 hp. e. Ide; 150 hp. b. Ide.

4 city arcs 1200 c. p. $75 per yr; 48 incs. 32 c. p. $12 per yr; moonlt; all nt; wood $3.
C D L S ✠ ★125

**FRAZEE,** 1,645 — Nichols-Chisholm Lumber Co.
*Pres. J. A. Nichols.................Frazee
V. Pres. J. H. Merster.............. "
Sec. & Treas. R.G.Chisholm..Minneapolis
Supt. E. A Shew...................Frazee

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys.

City cont. 123 incs. 16 c. p. $9 per yr.
L 3 ✠ 44†

**FREEPORT,** 450 — Munic. Elec. Lt. Plant; cost $6,000; bds $6,000.
Vil. Pres. P. Benolkens.........Freeport
*Recorder. Frank Rieland ...... "
Treas. Roy Adrian.............. "
¶Mgr. Henry Bormes........... "

1 a. c. —— 125 kw; a. c. day & nt. ltg. cir. 110 v; gas eng.

Kerosene.
D G L X ✠ §85

**FULDA,** 743—Fulda Lt. & Pwr. Co.; cap. $3,000; no bds.
Pres. J. S. Tolverson................Fulda
V. Pres. C. F. Helweg............... "
*¶ Sec. F. D. Lindquist............... "
Treas. John Plut...................... "
Supt. & Engr. Pwr. Sta. Christ. Lang "

1 a. c. Tri. 60 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 75 hp. e. Twin C; 200 hp. b. Freeman.

City cont. 15 tung. moonlt; coal $5.50.
D L S 3 ✠ 23

**GAYLORD,** 610 — Munic. Elec. Lt. Plant; cap. $9,000.
Pres. Vil. Chas. Busch...........Gaylord
*Sec. Albert H. Kuehner......... "
Treas. T. W. Comnick............ "
¶ Mgr. & Ch. Elecn. F. J. Hecht..................... "

1 d. c. Tri. 40 kw. 220 v; no day cir; 60 hp. e. Ideal; 80 hp. b. Spgf.

8 city arcs A. B. 3 amps. $65 per yr; 24 city incs. G. E. 40 w. $4.30 per yr; 11.30 P. M: coal $5.35.
C L S ✠ 16

***GILBERT**, 1,700—Munic. Ltg. System.
Vil. Elecn. Peter Cosgrove .......Gilbert

Purchases energy from Great Northern Pwr. Co.
L §115†

**GLENCOE,** 1,778 — Northwest Lt. & Pwr. Co. See Hutchinson.
*Local Mgr. Thomas Pitts....Hutchinson

Power sta. equip. (reserve); 1 a. c. Elec. Mch. 125 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 200 hp. e. Skinr: 200 hp. b; energy from Hutchinson Ltg. & Mfg. Co. trans. 13,200 v; 3 transf. G. E. tot. 120 kva.

City cont. 98 mult. Mazdas 60-100-250-500 w. $23 50-$27-$51-$72 per yr; moonlt.
D L S 1 3 16

**GLENWOOD,** 2,161—Glenwood Elec. Lt., Ht. & Pwr. Co. Offices, Glenwood and St. Paul.
Pres. Oscar Claussen.............St. Paul
V. Pres. F. N. Claussen.......... "
*¶ Supt. C. Dickerson..........Glenwood

2 a. c. Ft. W. Triumph tot. 185 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Allis-C, Skinr; 350 hp. b. Bros; stm. htg.

City cont. — incs. 100 & 60 w; all nt; coal $4.80. (Also lts. Lowry and sel's energy to Village of Starbuck.)
D H L S 3 ✠ 125

**GOOD THUNDER,** 410—*Good Thunder Elec. Co.

Purchases energy from Consumers Pwr. Co. (Mankato.) (Also distributes in Minnesota Lake.)

L §26†

* **GRACEVILLE,** 987—Otter Tail Pwr. Co. See Fergus Falls.

**GRAND RAPIDS,** 2,230—Munic. Elec. Lt. & Wtr. Plant; cost $49,000; bds. $18,000, 5 p. c. int.

Comrs. Henry Hughes....Grand Rapids
H. D. Powers.... "
B. C. Finnigan... "
Clerk, R. L. Trask.......... "
*Supt. F. H. Leonard....... "

2 a. c. G. E. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. e. Ide; 250 hp. b. Ryan.

25 city series incs. 6.6 amps. 400 c. p. 45 series incs. 6.6 amp. 80 c. p: 39 3-lt. posts, 2 5-lt. posts; 7 cts. per kw. hr; moonlt: coal $4.55.

D L S 3 75

**GRANITE FALLS,** 1,454 — Munic. Elec. Lt. & Wtr. Plant; cost $60,000; bds. $33,000, 4 p. c. int.

Mayor, E. C. Hawkins......Granite Falls
Clerk, C. M. Marcuson...... "
Treas. W. L. Kraemer...... "
*¶ Mgr. & Supt.
A. C. Westphal .......... "
Ch. Engr. Peter Melsness... "

2 a. c. E. M. Co. tot. 500 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,000-6600-2300 v; a c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-110 v. s., 2 & 3 ph; 170 hp. e. (oil) Diesel: 440 hp. turb. (wtr.) Smith.

City cont. 93 type "C" 100 600 c. p. 5-6-10 amp; all nt; oil 3½ cts. (Sells energy to Stony River Lt. & Pwr. Co and to Villages of Maynard and Wood Lake.) (Will install additional hydro-elec. unit.)

D G L W 1 2 3 ✠ 125

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*Stony River Lt. & Pwr. Co.

Purchases energy from City of Granite Falls. (Owns rural trans. line serving about 40 farmers.)

L §125†

**HARDWICK,** 350—Munic. Elec. Lt. & Wtr. Wks.

Pres. Vil. J. P. Kennedy .......Hardwick
*¶ Recorder. J. B. Iverson...... "
Supt. E. Hagedorn.. ........... "

Energy purchased from Munic. Elec. Lt. & Wtr. Wks., at Luverne; 2 transf. G. E; a. c. day & nt. ltg. cir. 110 v.

16 city tung. 100 w. $22.50 per yr; moonlt.

C D L ✠ 125

**HASTINGS,** 3,983—Hastings Elec. Lt. & Wtr. Pwr. Co. Office and stm. gen. sta. at Hastings. (Stock and property owned by River Falls Pwr. Co., Prescott Wis.); cap. $3),000; bds. $26 000.

Pres. Otto Ackerman..............Hastings
V. Pres. John Heinen. ............ "
*¶Sec., Treas. & Cont Agt.
P. E. Seivert.................... "
Engr. Pwr. Sta. W. C. Hathaway "

a. c. Elec. Mch. Allis-C. tot. —— kw. 2300 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 1 0 v; a. c. day & nt. mo. cir. 2300 & 110 v. 3 & s. ph. 60 cys; 200 hp. e. Ide; 75 hp. b.

City cont. 52 incs. series & mult. 5)0 c. p. $60 per yr; moonlt. 1 A. M.

D L S 1 3 ✠ ★26

**HAYFIELD,** 586—Dodge County Pwr. Co: cost $11,500.

*Pres. & Mgr. Chas. E. Fiers....Hayfield
Sec. & Treas. O. E. Lund... .... "

Energy purchased from Iowa-Minnesota Lt. & Pwr. Co; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; trans. volt. 6600 v.

City cont. 48 Mazdas 100 w. $24 per yr; all nt.

D L 3 ✠ §125

**HAWLEY,** 800—Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $16,000, 5 p. c. int.

Pres. Bd. D. W. McDonald.........Hawley
*Sec. J. E. Johuson............... "
Treas. G. A. Sjordal..... ....... "
¶ Supt. N. A. Lee............. . "

1 a. c. F. M. & Co. 40 kw. 2300 v. 2 ph. 60 cys: 23 kw. incs; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 75 hp. e. (gas) F. M. & Co.; 75 hp. gas pro. F. M. & Co.

50 city Mazdas 100 w. tot. $600 per yr; coal $6.

G L 1 2 ✠ 84

**HEIBERG,** 50—J. F. Heiberg Elec. Lt. Plant.

*Owner & Mgr. J. F. Heiberg....Heiberg

1 a. c. Allis C. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 25 kw. 110 v; a. c. mo cir. 10 kw. 220 v: 150 hp. wtr. wh. Leffel; 50 hp. e. T. C; 50 hp. b. Frost.

City cont. 20 incs. 32 c. p. $12 per yr; moonlt. 12 P. M; coal $6.50; wood $3. (Co. also lts. Twin Valley.)

L W 3 ✠ 75

**HENDERSON,** 753—*Munic. Lt. & Wtr. Wks; cost $7,000; bds. auth. & outstg. $5,000, 5 p. c. int.

¶ Supt. Ch. Engr. & Elecn.
H. L. Bisson....................Henderson

1 d. c. Ft. W. 40 kw. 220 v; 70 hp. e. Allfree; 80 hp. b.

5 enc. city arcs 3 amp; 66 incs. 60 w; moonlt. mdnt; coal $3.60.

C L S ✠ 44†

**HENDRICKS,** 406—Hendricks Lt. & Pwr. Co.; cost $8,000.

Pres. Ernest Smeker...........Hendricks
*Sec. Clifford Smeker......... "
¶Mgr. & Engr. Pwr. Sta. ......
Earl Smeker ................ "

1 a. c. Ft. W. 37½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 60 hp. e. Am. Ball; 60 hp. b. F. M. & Co.

City cont. 18 incs. 6.6 amp. $6 per yr; moonlt. mdnt; coal $4.35.

L S 3 ✠ 74

**HIBBING,** 8,832—Munic. Lt. & Wtr. Plant; cost $60,000.

Wtr. & Lt. Comn. Chmn. M. J. Ryder.....Hibbing
Fred. M. Smith.......... "
D. D. McEachen ........ "
*Supt. C. B. Waymire............ "

3 a. c. Bull, Westg. G. E. tot. 600 kw. 110 v. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. 3 ph: 700 hp. e. Nordberg, Ball: 1500 hp. b. Dacy; also stm. htg. Energy purchased from Great Northern Pwr. Co.

50 city arcs magn. 4.4 amp. $120 per yr; 621 clusters 140 w; 160 incs. 60 & 40 w. 6 cts. per kwh; all nt; coal.

D H L S 3 ★105†

**HINCKLEY,** 800—Hinckley Elec. Co.; cap. auth. $10,000.

Pres. L. P. Runkel................Cloquet
V. Pres. H. C. Hornby............. "
Sec. & Treas. H. G. Stevens....... "
*Supt. H. L. Bailey.............Hinckley

2 d. c. Tri. tot. 25 kw. 250-125 v; 50 hp. turb. (wtr.). Purchases 25 kw. from Kettle River Pwr. Co.

City cont. 43 incs. 50 c. p. $21 per yr; all nt.

C L W ✠ 16

**HOWARD LAKE,** 626—Lt & Pwr. Co. of St. Cloud. (Temporary gen. sta. at Howard Lake.) (Owned and operated by St. Cloud Public Service Co., which see for officers.)

Lts. Howard Lake, Waverly, Cokato & Daisel; sells energy in bulk to town of Buffalo.
L §115†

**HUTCHINSON,** 2,368—Northwest Lt. & Pwr. Co. (Leases and operates the property of the Hutchinson Ltg. & Mfg. Co.) (Gen. stas. at Glencoe, Hutchinson and Pipestone.)
Pres. John D. Curtis........Boston, Mass.
* Treas. & Mgr.
Thos. Pitts..................Hutchinson
Treas. Coler Campbell.......Minneapolis

3 a. c. Ft. W, G. E. tot. 335 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys: 275 hp. e. Twin City, Nagle; 330 hp. b. Bros; 225 hp. e. (oil) Busch-Diesel.

City cont. 4 arcs 500 w. $72 per yr; 96 Mazdas 60 w. $14 per yr. & 8 Mazdas 100 w. $18 per yr; moonlt. mdnt. coal $4.35. (Also lts. Biscay, Glencoe, Plato, Norwood and Young America; will lt. Winsted, Lester Prairie and Silver Lake.)
D G L S 1 3 ✠ 125

**INTERNATIONAL FALLS,** 1,487—Minnesota & Ontario Pwr. Co. See Minneapolis.

**JACKSON,** 1,907—Munic. Elec. Lt. Plant; cost $12,500; bds. $10,000, 5 p. c. int.
Pres. of Council, Robt. Muir....Jackson
Sec. S. W. Bruce................ "
Treas. Joe Pribyl................ "
*¶ Supt. J. E. Barrett............ "
Engrs. Harley Forbes........ "
Pwr. Sta. Ed. Crowe........... "

3 a. c. G. E, Ft. W. tot. 400 kw. 1150 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 & 220 v; 225 hp. e. Ideal; 250 hp. b. Brnl; 3 wtr. whs. tot. 240 hp.

107 Tung. 6-6 amp. 100 c. p. $12 per yr; 18 Tung. 6.6 amp. 600 c. p. $60 per yr; all nt; coal $5.50.
D L S W 1 125

**JANESVILLE,** 1,173—Consumers Pwr. Co. See Faribault.

**JORDAN,** 1,151—Jordan Elec. Lt. & Htg. Co; cap. outstg. $15,000; bds. $6,000.
Pres. H. A. Schneider.............Jordan
V. Pres. C. H. Casey............... "
Sec. J. E. Casey.................. "
Treas. F. H. Juergens.............. "
* ¶ Mgr. & Ch. Elecn. S. L. Sly...... "
Engr. Pwr. Sta Edw. Blume....... "

3 d. c. West. tot. 85 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c day & nt. mo. cir. 220 v; 135 hp. e. Rus. F. M. & Co.; 300 hp. b. Kinney. Bros; 10 hp: gas e; 200 kw. hrs. stor. bat. E. S. B. 220 v. 25 amp; also stm. htg.

City cont. 15 arcs 2000 c. p. $61.11 per yr; 15 Tung. 100 w. $17.50 per yr; moonlt. 1 A. M; coal $3.
C D G H L S ✠ 125

**KASSON,** 932—Munic. Elec. Lt. & Wtr. Wks; cost $17.000.
Pres. Bd. H. W. Brown...........Kasson
Sec. Geo. R. Little................ "
Treas. H M. Tollefson............. "
*¶ Mgr. E. W. Stembuck............ "
Engr. Pwr. Sta. Ole Bjerke....... "

2 d. c. W. E. tot. 500 kw. 220 v; d. c. day (part) & nt. ltg. & cir. mo. 220 v; 200 hp. e. Chuse; 275 hp. b. Springf. Bros.

Coal $3.50.
C D L S ✠ 25

**KELLIHER,** 294—Munic. Elec. Lt. & Wtr. Plant; bds. $10,000.
Pres. J. W. Swanton..............Kelliher
* Sec. J H. Hermanson............ "
Treas. E. Berry.................. "
¶ Mgr. & Ch. Engr. James Misner "

2 d. c. F. M. & Co.. West. tot. 75 kw. 220 v; d. c. nt. ltg. cir. 22 v; 280 hp. e. Valley, West; 70 hp. b. Wm .

5 city arcs. G. E. 9.6 amps; 22 incs. 50 w. $8.40 per yr; all nt; wood $3.
C L S ✠ 23

**KENT,** 238—Munic. Lt. Plant; cost $2,000.
* Mgr. Louis Prody...................Kent

1 d. c. Globe 3½ kw, 60 v; d. c. day & nt. ltg. cir. 60 v; 6 hp. e. (gas) F. M. & Co; 20 amp. hr. stor. bat. Globe 60 v.

City cont. 17 incs. $15 per yr. 11 P. M; kerosene.
C D G L §115

**KENYON,** 1,237—Gunderson Milling Co.
Owners Mart[illegible]n T. Gunderson...Kenyon
*¶ Mgr. Raymond T. Gunderson "
Elecn. J. J. Collister............. "

Energy purchased from Consumers Power Co. (Faribault Div.); 12 transf. Sprague, G. E. tot. 120 kw; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 14 G E. lumn. arcs 4.5 amp. meter; 42 mult. incs. 60 w. $12 per yr; moonlt. mdnt.
D L 3 ✠ 125

**KERKHOVEN,** 432—Kerkhoven Roller Mill Co; cap. outstg. $10,000; cost $6,000.
Pres. H. C. Rustad.............Kerkhoven
*¶ Sec. Treas. Mgr. & Cont. Agt. C. A. Skie ....... "
Engr. Pwr. Sta. F. M. Peterson "

d. c. gen. 110 v; stor. bat. 110 v; d. c. ltg. and mo. cir. 110 v; 40 hp. e. Cor.

City cont. 22 Mazdas 100 & 500 w. $24 & $60 per yr. moonlt; coal.
C L S §26

**LAKE CITY,** 3,600—Munic Elec. Lt. & Wtr. Wks; bds. $30,000; cost $90,000.
¶ Pres. Bd. J. Cole Doughty...Lake City
V. Pres. D. C. McKenzie........ "
Sec. Robert Eaton................ "
City Clerk E. R. Paterick........ "
*Supt. M. J. Howe............... "
Engr. Pwr. Sta. R. Dankwort .. "

2 a. c. G. E. West. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 112-230 v. s. ph. 60 cys; 300 hp. e. Reeves, West; 100 kw. stm. turb. G. E; 500 hp. b. Sterling; also purchases energy from Wisconsin-Minnesota Lt. & Pwr. Co; 3 transf. G. E. tot. 900 kw.

100 city nitro. lamps "C" 600 c. p. $54 per yr. moonlt; 9 incs. 100 w. all nt; coal $4 00.
D L S 1 3 125

**LAKE CRYSTAL,** 1,055—Consumers Pwr. Co. See Mankato.

**LAKEFIELD,** 924—Munic. Elec. Lt. & Water Wks.; cost $25,000; bds. $8,000.
Pres. E. A. Gage..................Lakefield
Sec. E. C. Anderson.............. "
Treas. H. A. Rost................ "
* ¶ Supt. J. J. Hartneck.......... "

2 a. c. Ft. W. tot. 195 kva 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 85 hp. e. Ham. Cor; 160 hp. e. (oil) Busch-Diesel; 180 hp. b. Penn Bros.

12 series incs. "C" 500 w; 71 incs. "C" 250 w. 4 amp; coal $5.34.
D G L S 1 3 ✠ ★125

**LAKE PARK,** 740—Munic. Elec. Lt. Plant. Cost $16,000.
*¶ Mgr. James Thompson..... Lake Park

2 d. c. Triumph tot. 60 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 85 hp. e. (oil) Bates & Edmonds; stor. bat. E. S. B. 110-220 v. 25 amp. hrs.

50 city Mazdas 250 w; gasoline 10 cts.
C D G ✠ 16

**LANESBORO,** 987—Munic. Elec. Lt. Plant; cost $15,000; bds. $6,000.
*Sec. S. A. Stromme...........Lanesboro
Supt. P. Thoon.................. "
1 d. c. Tri. 60 kw. 250-220 v; d. c. day & nt. ltg. & mo. cir. 220 v. 2 wire; 132 hp. turb. (wtr.)Lef.
40 city arcs.
C D L W ✢ 23

**LE ROY,** 702—Le Roy Electric Light Plant.
*¶ Owner & Mgr. E. S. Bosworth, Le Roy
1 a. c. Elec. Mch. Co. 50 kw. 1100-108 v. s. ph. 60 cys; no day cir; 80 hp. e. Murray; 60 hp. b. Murray.
City cont. 4 arcs 1200 c. p. 6.6 amp. $54 per yr; 20 incs. 50 c. p. $18 per yr; moonlt. mdnt; coal $3.30.
L S 1 ● ✢ 41

**LE SUEUR,** 1,755—Munic. Elec. Lt. & Wtr. Plant; bds. $20,000; cost $50,000.
*¶ Mgr. Geo. Sunderman.......Le Sueur
2 a. c. E. M. Co, G. E. tot. 250 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph; 250 hp. e. S. C, Bates; 250 hp. b. Gilmore, Erie.
125 city Mazdas 60, 100 & 400 w; all nt; coal $3.60
D L S 1 ✢ 125

**LESUEUR CENTER,** 741—Lesueur County Elec. Lt & Pwr. Plant. (Owned and operated by Continental Utilities Co., Lansing. Mich. which see for executive officers).
Supt. H. Stapelman ......Lesueur Center
3 d. c. Sprague tot. 75 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; 130 hp. e. (gas) Seager.
City cont. 46 incs. (midnt.) & 5 incs. (all nt.) mult. 100 w. $36 per yr. (all nt. or equivalent); oil 6.6 cts. per gal.
C D G L ✢ 16

**LITCHFIELD,** 2,333—Munic. Elec. Lt. Plant; cost $45,000; bds. $19,000.
Pres. of Council, M. Knutson..Litchfield
¶ Sec. F. O. Holm ............. "
Treas. G. A. Settergren........ "
*Mgr. & Gen. Supt. E. Aveldson "
2 a. c. Minpl. tot. 190 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 260 hp. e. Mpls, Cor, Am, Ball; 450 hp. b. Wms; also stm. htg.
120 incs. 7 5 amp. series. 200—80 c. p., $15 per yr; 26 5-lt. posts $30 per yr; all nt. mdnt; coal $5.20. (Wholesales energy to Grove City.) (Contemplates installing 250 kw. unit.)
D H L S 3 ✢ 125†

**LITTLE FALLS,** 6,078—Little Falls Water Pwr. Co. of Minn. (Controls Elec. Wtr. Co. and Morrison County Elec. Lt. Co.); cap. outstg. $607.500; bds. $401,000.
Pres. J. L. McCague.......Omaha, Neb.
V. Pres. F. H. Parsons, 60 Wall St.
New York, N. Y.
*¶ Sec. Treas. & Mgr.
T. C. Gordon...............Little Falls
Audr. F. H. Philbrick.... ...... "
Supt., Ch. Engr. & Elecn.
G. M. Gordon................. "
3 a. c. West. tot. 980 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 2000 hp. turb. (wtr.) Smith, Dayton.
City cont. 90 Mazdas 100 w. $24 per yr; 110 5-lt. posts 220 w. $42 per yr; all nt. (Also lts. Pierz and sells energy to Royalton Pwr. & Lt. Co.) (Contemplates installing additional 1000 kva. unit and erecting 80 mile trans. line )
D L W 2 ✢ 125

**LONG PRAIRIE,** 1.250—Munic. Elec. Lt. Plant; cost $10,000; bds. $7,000.
Vil. Pres. A. D. Day.........Long Prairie
*Clerk, A. L. Sheets ......... "
Treas J. J. Riechert.......... "
¶ Supt. W. H. Gerling....... "
Engr. Pwr. Sta. John Williams "
3 d. c. C. W. tot. 130 kw. 220-110 v; d.c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 145 hp. e. Bckye; 170 hp. b. Diamond.
12 city arcs A. B. 5 amp. $60 per yr; 35 incs. Tant. 80 w. $12 per yr; moonlt; coal $5.50, wood $2.75.
C D L S 14

**LUVERNE,** 2,540—Munic. Elec. Lt. & Wtr. Wks; cost $100,000; bds. $30,000.
Pres. Bd. O. P. Huntington ......Luverne
V. Pres. Henry Bierkamp........ "
Sec. S. C. Rea. ................ ... "
Treas. C. J. Martin................ "
¶Pur. Agt. City Council ......... "
*Supt. J. H. Hughes............. "
Ch. Engr. Lester Dickey.......... "
Engr. Pwr. Sta. W. Harris....... "
2 a. c. Elec. Mch. tot. 200 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Twin City, Skinner; 150 hp. b. Foster, Spring.
23 city arcs 1200 c. p; 65 city incs; moonlt; coal $2.60.
D L S 1 ★125

**LYLE,** 552—Munic. Elec. Lt. Plant; cost $8,000.
*¶ Mgr. & Cont. Agt.
N. T Fortun.....................Lyle
2 a. c. T-H, Warn. tot. 110 kw. 110 v. s ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir. 110 v. s. ph. 133 cys. 65 hp. e. Ball; 72 hp. e. (oil) M. & W; 85 hp. b. McGregor.
City cont. 18 tung. 100 & 250 w. $33 50 per yr; moonlt; cinders.
D G L S 1 ✢ 125

**McINTOSH,** 634—McIntosh Elec. Lt. Plant. (Owner, Anton Jensen.)
*¶ Lessee & Mgr. Wm. A. Jensen,
McIntosh
Engr Pwr. Sta. O. K. Brokke..
2 d. c. Triumph tot. 100 kw. 220 v; d.c. day & nt. ltg. cir. 220 v.; 70 hp. e. (gas) Mp's; 125 hp. e. gas pro. Mp's; 60 hp. stm. e. Atlas; 60 hp. b.
City cont. 150 Mazdas 40, 60 & 100 w. 1 ct. per kw hr; 1 A. M; coal $7.50.
C D G L S ✢ 25

**McKINLEY,** 411—Munic. Elec. Lt. & Wtr. Plant.
Pres. Bd. J. H. Northey........McKinley
*Sec. Peter Holand............... "
Treas. Emil Berg................. "
Mgr. Geo. W. Ellis .............. "
Engr. Pwr. Sta. Martin Matson "
1 d. c. F. M. & Co. 25 kw. 250 v; d. c. nt. ltg. cir. 110 v; d. c. nt. mo. cir. 250 v; 50 hp. e. Lycoming Valley; 160 hp. b. Erie; stm. htg. Energy purchased from Great Northern Pwr. Co.
5 city Tung. 100 w; 16 carbon 32 c. p; all nt; coal $3.70.
C H L S ✢ 74

**MADELIA,** 1,273—Madelia Elec. Co. Purchases energy from Consumers Pwr. Co. (Mankato.)
(Also Distributes in Hanska, Lewisville and Truman.)
L §26†

**MADISON,** 1.811—Munic. Elec. Lt. Plant; cost $16,000.
*¶ Mgr. J. C. Bang..............Madison
2 a. c. Ft. W. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 250 hp. e. Ideal; 300 hp. b. Bros; also stm. htg.
75 city incs. series 5.5 amp 6 cts. per kw; all nt; 195 ornamental posts 60 & 100

w. $50 per post per yr.; moonlt; coal $5.70.
D H L S 3 ✠ 16

**MAHNOMEN,** 796—Munic. Elec. Lt. & Wtr. Plant; cost $6,000; bds. $7,000.
Pres. Bd. A. L Thompson....Mahnomen
*¶ Sec. Geo. O. Lee............ "
Treas. H. S. Frazer............ "
Supt. K. Heiberg............. "
Engr. Pwr. Sta. J. Sukup..... "
2 d. c. F. M. & Co. Northn. tot. 78 kw. 220 v; d.c. nt. ltg. cir. 220 v; 110 hp. e. Lycoming, Erie; 125 hp. b. Titusville.
17 city incs; moonlt; coal $6.75.
C L S ✠ 74

**MANKATO,** 12,000—Consumers Pwr. Co. Office, 132 So. Front St. Gen. Stas. at Rapidan & Mankato. For executive officers see St. Paul.
Mgr. R. E. Brown .............Mankato
Supt. H. M. Hoffman........... "
Engr. Pwr. Sta. Oscar Anderson "
2 d.c. G.E.West. tot. 400 kw. 550 v; 4 a.c. G. E. tot. 2100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; trans volt. 33,000-13.200 v. 3 ph. 60 cys; 1000 hp. e. Minpl; 210 hp. e. (gas) West; 608 hp. b. Bros, Franklin; 2200 hp. wtr. wh. Pelton.
City cont. 171 enc. arcs 7.5 amp. $60 per yr. and 63 "C" 1000 c. p. 3 cts. per kwh. moonlt. all nt; coal $3.25. (Distributes in Mankato, No. Mankato, Kasota Rapidan and Lake Crystal; sells energy in bulk to Madelia Elec Co., Good Thunder Elec. Co., Commonwealth Pwr. Co and the cities of St. Peter and St James.)
C D G N S W 1 3 ✠ 26

**MANTORVILLE,** 410—Munic. Elec. Lt. Plant.
Pres. Bd. A. P. Norton.......Mantorville
Recorder, R. W. Britts........ "
*¶ Mgr., Cont. Agt. & Engr. Pwr. Sta. H. U. Cooper..... "
2 d. c. Northn. tot. 70 kw. 220 v; d. c. nt. ltg. cir. 220 v; 40 hp. turb. (wtr.) Smith; 50 hp. e. Atlas; 75 hp. b. Bros.
City cont. 60 incs. 40-60 w; mdnt: coal $4.30.
C L S W ✠ 16

**MAPLETON,** 809—Mapleton Elec. Co. (Purchased property of C. L. Sellers); cap. outstg. $11 000.
Pres. V. J. Griener.............Mapleton
V Pres. Dr. L. W. Kruegar.... "
Sec. Dr. B. T. Bamberger....... "
*Treas. B. T. McGregor........ "
¶ Mgr. C. L. Sellers ....... .. "
Engr. Pwr. Sta. Fred. Kringle.. "
Energy purchased from Consumers Pwr. Co. (Mankato.) 3 transf. G. E. tot. 30 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys.
City cont. 44 tung. 60 w. $15 per yr; moonlt. mdnt.
D L 2 ✠ ★125

**MARSHALL,** 2,152—Munic. Elec. Lt. Plant; cost $50 000.
Mayor, B. V. Steward...... ....Marshall
*Recorder, T. L. Bumford....... "
Treas. H. M. Harmon............ "
¶ Supt. S. C. Page............... "
2 a. c. Ft. W. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-110 v. s. & 3 ph. 60 cys; 275 hp. e. Ideal, Lant; 450 hp. b. Brnl, Bros· also stm. htg.
33 city arcs enc. 6.6 amp. 10 cts. per kw; 12 incs. a. c. series 100 w. 10 cts. per kw; 28 posts, 5 lts. 40-60 w. Mazdas 10 cts. per kw; moonlt; all nt; coal $4.23.
D H L S 1 3 ★125†

**MAYNARD,** 386—*Munic. Elec. Ltg. System; bds. $4,500.
Pres. Vil. O. A. Dahleen........Maynard
Sec. P. S. Weberg................ "
Treas. James Hawkland........Maynard
¶ Mgr. & Cont. Agt. O. G. Heen. "
Energy purchased from City of Granite Falls trans. v. 6600 v. 3 ph. 60 cys; 6 transf. Ft W. tot. 90 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.
16 city arcs G. E. series; all nt.
D L 3 ✠ ★16

**MAZEPPA,** 471 — Munic. Elec. Lt. Plant; cost $2 500.
*Mayor, J. W. Kingsley.........Mazeppa
1 d. c. F. M. & Co. 10 kw. 220 v.
City ltg. — Tung. 50 w; moonlt.
C L 44†

**MELROSE,** 2,591—Munic. Water Works & Elec. Lt. Plant; bds. $22,000.
Wtr. & Lt Bd.
Chmn. Chas. Kraemer Melrose
W. F. Unger....... "
City Clerk, F. J. Weisser Melrose
Treas. Jno. Wells.. "
*¶ Supt. C. M. Carlson............ "
Engrs. Pwr. Sta.
J. Feron........ "
L H. Carlson... "
2 a. c. Bull, Mpls. tot. 162 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 2 ph. 60 cys; 305 hp. e. Ideal, Mpls; 250 hp. b. Bros.
7 city tung. 250 w. $60 per yr: 70 incs. Gem 60 w. $18 per yr; all nt; coal. (Also lts. Myers Grove.)
D L S 2 ✠ 125

**MILACA,** 1,102—Munic. Elec. Plant; cost $34,359; bds. $8,000.
¶ Pres. of Council, Wm. Carlson...Milaca
Sec. L. Foss........................ "
Treas. R. H. Cromb................. "
*Supt. & Ch. Engr. J. A. Kaliker .. "
Engr. John Nedeau................. "
1 d. c. West. 75 kw. 220 v; d. c. day & nt. (mdnt.) ltg. & mo. cir. 220 v; 109 hp. e. Bckye; 200 hp b. ——.
4 city arcs 220 w. $75 per yr. and 58 city incs. 60 w. mdnt; screening $3.40.
C D L S ✠ ★16

**MINNEAPOLIS,** 350,000—The Minneapolis General Elec. Co. Office, 15 So. Fifth St. (Subsidiary of the Northern States Pwr. Co. Operated by H. M. Byllesby & Co.) (1 steam and 1 hydro electric plant at St. Anthony's Falls in Minneapolis; also receives entire output of the Northern Mississippi River Power Co. and the St. Croix Falls. Wisconsin Improvement Co. hydro elec. plants)- cap. $4,375,000; bds. $7,777,000; notes $2,000,000.
Pres. H. M. Byllesby........Chicago, Ill,
V. Prests.
Arthur S. Huey.. "
Gen. Geo. H. Harries "
J. J. O'Brien..... "
Gen. Mgr. R. F. Pack Minneapolis
Sec. R. J. Graf................Chicago, Ill.
Treas. H. R. Frost..........Minneapolis
Cont. Agt. H. E. Young...... "
¶ Pur. Agt. D. R. Blaicher.... "
Supt. L. D. Smith...... .. "
Elec. Engr. G. L. Mitchell... "
Engr. Pwr. Sta H. S. Whiton "
11 a. c. G. E. West. Allis C. tot. 29,000 kw. 13,200 v. 3 ph. 60 cys; 6 d c. G. E. West tot. 6000 kw. 220 v; 56 rects. G. E; 2 stor bat. 110-220 v; 12,000 kw. Allis-C. turb. (stm.): 22,000 hp. wtr. wheel Platt W. S M; 6000 hp. b. Bab. & W; a. c. & d. c day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 220-2300 v; d. c. day & nt. mo. cir 220-500 v.
City cont 2800 arcs G. E. magnetite 6.6 amps. $60 per yr; all nt; coal $3.85. (Co. serves Center City. Lindstrom, Robbinsdale, Richfield, St. Louis Park, Edina Mills, Taylors Falls, Shakopee, Chisago City, Shafer, Columbia Heights and W. Minneapolis, Minn., and St. Croix Falls

and Osceola, Wis.; sells energy to Northern Pwr. Co., Excelsior, Crescent Elec. Co., Watertown, and Waconia Lt. & Pwr. Co.) (Erecting trans. line to Osseo, Rockford and Deland; also from Chaska to Carver.)
C D L S W 3 16w

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Northern Mississippi River Pwr. Co. (Hydroelectric plant on Mississippi river 13 miles above Minneapolis.) (Subsidiary of Northern States Pwr. Co. Operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $750,000; bds. $2,100,000.
Pres. H. M. Byllesby........Chicago, Ill.
V. Pres. O. E. Osthoff....... " "
Sec. & Treas. R. J. Graff.... " "
Mgr. R. F. Pack.............Minneapolis
¶Pur. Agt. D. R. Blaicher.... "
Supt. L. D. Smith............ "
Engr. Pwr. Sta. H. S. Whiton "

5 a. c. G. E. tot. 8125 kw. 2300 v. 3 ph. 60 cys; 10.500 hp. wtr. wh. Allis-C; ultimate cap. 14,000 hp. (Entire output sold to Minneapolis Gen. Elec. Co.)
T W 3 25

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Minnesota & Ontario Pwr. Co.; cap. $7,000,000; bds. $5,000,000.
Pres. E. W. Backus...........Minneapolis
V. Pres. Alexander Smith...Chicago, Ill.
*Sec. & Treas. Wm. F. Brooks
Minneapolis
Asst. Mgr. Ralph J. Young
International Falls
Supt. J. J. Ross....... " "
Ch. Elecn.
E. J. Gallagher...... " "

Co. has developed wtr. pwr. at International Falls, Minn., and Fort Frances, Ont., 34,000 hp. and operates pulp, sulphite and paper mills and sells pwr. for commercial purposes; 4 a. c. West. tot. 4000 kw. 6600 v. 3 ph. 60 cys.
T W 3 25

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Central Minnesota Lt. & Pwr. Co. Office, 852 Plymouth Bldg. (Holding company for Southern Minn. Pwr. Co., and Renville County Elec. Co.); cap. outstdg. $50,000; no bds.
*¶ Pres. Mgr. & Cont. Agt.
H. B. Rutledge................Minneapolis
V. Pres. N. J. Hadley.........Chicago, Ill.
Sec. W. R. Rutledge..........Spring Valley
Treas. B. F. Allen...................Glencoe
25

**MONTEVIDEO,** 3,056—Minnesota Valley Power Co. (Stm. plant at Montevideo; hydro-elec. plant at Minnesota Falls); cap. $150,000; bds. issued $115,000.
Pres. J. W. Campbell........Huron, S. D.
*¶V. Pres & Mgr.
J. W. Campbell, Jr...........Montevideo
Sec. Coler Campbell..........Minneapolis
Ch. Engr. Chester Berager..Granite Falls

2 a. c. West. Elec. Mach. tot. 550 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 625 kw; 550 kva. turb. (wtr.) Smith, Leffel; 200 hp. b. Bros; trans. volt 23,000 v. 3 ph. 60 cys.

City cont. 10 arcs G. E. mult. 6.5 amp. $72 per yr; 62 Tung. 60 w. $14.60 per yr; moonlt; coal $5.30. (Also lts. Wegdahl, Sacred Heart, Renville, Raymond and Clara City.) (Will install 1-300 hp. boiler and erect 10 miles of 3 ph. trans. line.)
D N S W 1 3 ✠ ★125

**MONTGOMERY,** 1,267 — Le Sueur County Elec. Lt. & Pwr. Plant. See Le Sueur Center.
Supt. H. Gravier............Montgomery

3 d. c. Sprague tot. 75 kw. 220 v; d. c. day & nt. ltg. cir. 110 220 v; d. c. day & nt. mo. cir; 110 hp. e. (gas) Seager.

City cont. 7 mult. arcs 450 w. $60 per yr; 45 incs. mult. 100 w. $25.50 per yr; mdnt; kerosene 6 to 9 cts. per gal.
C D G L ✠ 16

**MOORHEAD,** 4,840—Munic. Wtr. & Lt. Plant; cost $200,000; bds. auth. $40,000, 6 p. c. int.
Wtr. & Lt. Commrs. Pres. H. E. Roberts..Moorhead
Sec. Fred. Johnson.. "
O. E. Flaten.......... "
*Clerk, R. G. Price............ "
Supt. A. J. Warner ........... "
Ch. Engr. J. H. Bastian....... "

2 a.c. West, G.E. tot. 800 kw. 2200-100 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 220 v; a. c. day & nt. mo. cir. 110-220 v. s. 2 & 3 ph. 60 cys; 800 kw. turb. (stm.) West, G. E; 404 hp. b. Stir.

81 5-lt. posts; 175 incs series 60, 80, 200 c. p; moonlt; 4 cts. per kwh; coal $4.25.
D L S 1 2 3 ✠ 125

**MOOSE LAKE,** 526—Cloquet Elec. Co. See Cloquet.
City cont. 55 Mazdas 20 c. p. $12 per yr.
L 125

**MORGAN,** 553 — Wherland Elec. Co. Gen. sta., Redwood Falls; cap. stk. $55,000; bds. $15,000.
Pres. F. W. Philbrick.....Redwood Falls
V. Pres. L. A. Green...............Morgan
*Sec. Treas. & Mgr. A. Green.... "
Mgr. J. A. McCarthy ..............Morton

Energy purchased from Redwood Falls Lt. & Pwr. Co., 22,000 v. 3 ph. trans; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 52 tung. 40, 60 & 100 w; all nt. (Co. also lts. No. Redwood, Morton and Franklin.)
D L 3 ✠ ★26

* **MORRIS,** 1,685—Otter Tail Pwr. Co. See Fergus Falls.

**NASHWAUK,** 2,080—Munic. Wtr. & Lt. Commission; cost (lt.) $14,216.
Chmn. Max H. Barber.........Nashwauk
Commrs. B. W. Batchelder.. "
J. P. Lanto........ "
Sec. John P. Rattama......... "
*Supt. A. O. Stahel ........... "

Pwr. sta. equip. (reserve); 2 d. c. West, Burke tot. 75 kw. 220 v; a.c. & d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 100 hp. e. Ideal, Lycoming: 200 hp. b. Northn, Dowling: also stm. htg; purchases energy from Hawkins Mine, 2300 v. 3 ph. 60 cys; 10 transf. G. E. tot. 170 kw.

128 city Tung. 40 & 200 w. 9 cts. per kwh; all nt; coal, $4.70.
C D H L S 3 ★125

**NEW PRAGUE,** 1,554—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $20.000.
Pres. Bd. H. H. Hir en.......New Prague
V. Pres. S. A. Vopalek........ "
Sec. John F. Bruzek.......... "
Treas. Albert A. Rybak....... "
*Supt. Joseph T. Rynda....... "
Engr. Pwr. Sta.
Joseph Schindalar.......... "

2 d.c. Triumph, Sprague tot. 115 kw. 250 v; 240 amp. hr. G. S. B. 250 v; d. c. day & nt. ltg. & mo. cir. 230 v; 200 hp. e. Mpls; 220 hp. b. Bros.

50 city incs. 250 w. & 40 5-lt. std. 5 cts. per kwh. midnt. & all nt. (White Way); screenings $3.30.
C D L S ✠ ★125

**NEW RICHLAND,** 685 — Elec. Lt. & Pwr. Plant; cap. outstg. $17,000; cost $19,000.
Pres. F. H. Krueger.......New Richland
V. Pres. & Mgr.
P. D. Breilein ........... "
*Sec. & Treas A. O. Lee... "

2 d. c E. M. Co, Triumph. tot. 125 kw. 220 v; d. c. day (5 A.M. to 12.30 A.M.) &

nt. ltg. & mo. cir. 220 v; 200 hp. e Sknr;
City cont. 3 arcs d. c. 3 amp. $78 per yr; 35 Mazdas 60 w. $13.20 per yr; moonlt. mdnt; coal $3.70.
C D L S ✠ ★125

**NEW ULM**, 5,648—Munic. Elec. Lt. & Wtr. Wks.; cost $70,000; bds. $20,000.
Mayor, Dr. L. A. Fritsche......New Ulm
Pres. Council, F. H. Retzloff... "
Chmn. Wtr. & Lt. Bd. W. Eibner "
City Clerk, Wm. Backer ....... "
City Engr. F. D. Minium....... "
*¶Supt A. J. Mueller.......... "
Engr. Pwr. Sta. Harry Nye ..... "
2 a.c. G. E, Elec. Mch. tot. 462 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v: a. c. day & nt. mo. cir. 110 v. s. & 2 ph. 60 cys; 600 hp. e. L. & B, McI. & S: 600 hp. b. Bros.
130 city incs. "C" 250 c. p. $50 per yr; 300 Mazdas 60–100 w. 2½ cts. per kw; moonlt; coal $3.38.
D L S 1 2 ★125

**NORTHFIELD** 3,265—Consumers Pwr. Co. See Faribault.
Energy from Fairbault; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 140 incs. 32 c. p. $10.20 per yr; moonlt all nt.
D L 1 3 25

**NORTH ST. PAUL**, 1404—Munic. Elec. Lt. & Pwr. Plant.
* Supt. John Zurn ...........No. St. Paul
L 44†

**OLIVIA**, 960—Munic. Elec. Lt. & Wtr. Plant: cost $27,000.
Vil Pres. D. S. Hall ..... ......Olivia
Recorder, Jno. Flaschenreim...... "
Treas. Geo. Windhorst............ "
* ¶ Mgr. L. C. Little ................ "
Engr Pwr. Sta. Martin Blodgett... "
1 a c. Elec. Mch. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 109-112 v; a. c. day & nt. mo. cir. 220 v; 80 hp. e. (gas) Ingeco; 100 hp. gas pro. Ingeco; also purchases energy from Renville County Elec. Co.
84 city incs. "B & C" 60-100 w. moonlt; coal $5.40.
D G L S 3 ✠ ★125

**ORTONVILLE**, 1,774—Munic. Elec. Lt. & Wtr. Plant; cost $40,000; bds. $40,000
Mayor, J. Pflueger ............Ortonville
Clerk, E. Schiebe.............. "
Treas. H. L. Zweiner........... "
*Supt. A. H. Meyer ........... "
Engr. Pwr. Sta. Wm. Preston. "
2 a. c. Ft. W. tot. 150 kw. 2200 v. 2 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Chuse: 200 hp. b. Brnl. Frmn.
100 city Mazdas 60 w. 75 cts. per yr: moonlt; all nt. coal $5.60.
D L S 2 25

**OSAKIS**, 1,013— Osakis Milling Co; cap. $50,000.
Pres. H. E. Gingery..................Osakis
*V. Pres. & Mgr. C. E. Hutton.... "
Sec. E. F. Moore ..................St Cloud
Treas. C B. Ayers..........Anderson, Ind.
Engr. Pwr Sta S. R. Lowrie ......Osakis
2 d. c. tot. 175 kw. 125 v: d. c. day & nt. ltg. cir. 125 v; d. c. day & nt. mo. cir. 125-250 v: 300 hp. e. S & McI, Bckye; 350 hp. b. Diamond.
City cont. 8 arcs A. B, Wood 1200 c. p. $72 per yr; 15 incs. 32 c. p. $18 per yr; moonlt; coal.
C L S ✠ 75

**OWATONNA**, 6,658—Public Service Operating Co.; cap. $150,000; bds. $100,000.
Pres. & Treas. A. J. Stahl..La Porte, Ind.
Sec. B. B. Stahl............ "
* ¶ Mgr. M. J. Brown..........Owatonna
Ch. Engr. F. A. Dostal......... "
2 a. c. Allis-C tot. 875 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v; 1275 hp. e. Twin City, Allis-C; 1230 hp. b. tublr. Bab. & W, Wickes: also hot wtr. htg.
City cont. 65 arcs 4 amp. 1200 c. p. $65 per yr; 73 G. E. arcs 4 amp. 5 cts. per kw; moonlt; all nt; coal $3.30.
D H L S 3 125†

**PARKERS PRAIRIE**, 383—Parkers Prairie Elec. Co; cost $18,000.
Pres. O. J. Morrison ......Pelican Rapids
V. Pres. M. H. Morrison.. "
*Sec. Treas. & Mgr.
L. J. Morrison ........ Parkers Prairie
Engr. Pwr. Sta. J. Ranger "
2 d. c. Ideal Triumph tot. 150 amp. 220 v; 120 amp. hr. U. S. Lt. stor. bat. 220 v; d. c. day & nt. ltg. cir. 220 v; d. c. day & nt. (18 hrs.) mo. cir. 220 v; 50 hp. e. (gas) I. H. Co., Venn Severin.
46 incs. (26 single lts. & 4 5-lt. posts) 60 w. $7 50 per yr. moonlt; distillate 5 cts. per gal. (Also lts. Henning, Bertha, Clarissa and Browerville.)
C D G L ✠ §85

**PARK RAPIDS**, 1,801—Park Rapids Hydro Elec. Plant.
*Owner, L. H. Rice..........Park Rapids
Gen. Supt. E. L. Harmer..... "
2 d. c. Ft. W. tot. 200 kw. 220-110 v; d. c. day & nt. ltg. cir. 220-110 v; d. c. day & nt. mo. cir 220 v; 330 hp. turb. Smith.
City cont. 24 arcs W. E. 600 w. $60 per yr; 10 incs. 60 w; moonlt.
C D L W ✠ ★125

**PAYNESVILLE**, 901—St. Cloud Public Service Co. See St. Cloud.

**PELICAN RAPIDS**, 1,019—Munic. Lt. & Pwr. Plant; (Two gen. stas.) cost $15,000; bds. $15,000.
Pres. Council
J. M. Johnson..........Pelican Rapids
Audr. H. N. Bruce......... "
*Supt. & Engr. Pwr. Sta.
H E. Stevens ........... "
2 d. c. Tri. G. E. tot. 120 kw. 220 v; d. c. day (5:30 A. M. to 12 P. M.) & nt. ltg. & mo. cir. 220 v: 125 hp. e. Ide; 150 hp. b. C. & T; purchases wtr. pwr.
200 (approx.) city lamps, Mazdas, carbon & "C" 10 cts. per kwh. midnt; coal $5.05.
C D L S W ✠ ★125

**PERHAM**, 1,376—Munic. Elec. Lt. Plant: cost $20,000; no bds.
Pres. H. Kreuger.. ..........Perham
* ¶ Sec. G. M. Young ............ "
Treas. J. H. Shea.................. "
Supt. & Ch. Elecn G. E. Bramble "
2 d. c. Tri. 80 kw 220 v; no day cir; 130 hp. e. Ide; 160 hp. b. Gem. C.
38 incs. 16 c. p. 10 cts. per kw; all nt; coal $5.25, wood $2.50.
C L S ✠ 33

**PINE CITY**, 1,258—Eastern Minnesota Pwr. Co.; cap. $150,000; bds. $50,000.
Pres. J. M. Allen.................Pine City
V. Pres. J. J. Flynn.............Rush City
Treas. J. C. Carlson........... "
* ¶ Sec. & Mgr. R. P. Allen....Pine City
Supt. Distrbn. C. V. Foster....Rush City
Supt. Constr. M. Lones..........Pine City
Engrs. Pwr. Sta. { E. W. Barnum (Wtr. Plant).. "
F. A. Johnson (Stm. Plant).. "
4 a. c. Ft. W. tot. 650 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-2200 v. s. & 3 ph. 60 cys; 465 hp. e. Ideal Cor; 350 hp. b. Ideal; 1000 hp. wtr. wh. Dayton Globe.
City cont. 8 Mazdas "C" 200 w. metered; 52 incs. 32 c. p. $24 per yr; moonlt;

all nt; coal $4. (Also lts. Rush City, Grandy, North Branch, Harris, Braham, Grasston, Stanchfield, Isanti and Rock Creek.)
D L S W 1 3 ✢ 125

**PINE ISLAND,** 834—Pine Island Roller Mills & Elec. Lt. Co.
Pres. & Treas. Loomis F. Irish, Pine Island
V. Pres. L. S. Irish.............. "
Sec. B. I. Barker.............. "
*Ch. Engr. & Elecn.
Ray Lawrence............ "

1 a. c. Ft. W. 37½ kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. e. Twin City; 75 hp. b. Twin City.

City cont. 7 arcs Ft. W. 6.6 amp. $84 per yr; 22 Mazdas 60 & 100 w; moonlt. 11.15 P.M; coal $3.25.
L S 1 ✢ 125

**PINE RIVER,** 1,258—Pine River Elec. Lt. & Pwr. Co.
Pres. A. Arvig................Pine River
*V. Pres. L. Arvig............. "
Sec. & Supt. T. L. Arvig...... "
Treas & Mgr. H. A. Arvig.... "

1 a. c. G. E. — kw. 110 v. 2 ph. 60 cys.
City cont. 4 arcs 16 incs.
L 2 ✢ 113

**PIPESTONE,** 2,475 — Northwest Lt. & Pwr. Co. For executive officers, see Hutchinson.
Engr. Pwr. Sta. Floyd Shipman, Pipestone

4 a. c. G. E. tot. 500 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 2300-2.0 v. 3 ph. 60 cys; 395 hp. e. Fitchburg, Sknr, Lentz; 300 hp. b. Bros; 225 hp. e. (oil) Diesel.

City cont. 30 5 lt. posts 40 w. $27 per yr; all nt; 100 Mazda series 100 w. $27 per yr; moonlt; coal $5.60.
D G L S 3 ✢ ★125

**PLAINVIEW,** 1,175—Plainview Elec Lt. & Pwr. Co.; cap. outstg. $14,000; no bds.
*¶Pres., Mgr. & Cont. Agt.
T. G. Bolton.................Plainview
V. Pres. Arthur Koenig......Chicago, Ill.
Sec. G. F. Sylvester............Plainview
Treas. T. A. Asken............. "
Engr. Pwr. Sta. Harry Anderson "

3 d. c. W.E. tot. 200 kw. 220 v; d. c. day (Monday, Tuesday & Wednesday mornings) & nt. ltg. cir. 220 v; 75 hp. e. Phoenix; 90 hp. b. Erie; 110 hp. e. (gas) Webber; 50 hp. e (gasoline) F. M. & Co; 125 hp. gas pro. Smith.

City cont. 4 arcs 1200 c.p. $72 per yr; 62 Tung. 40 w. $15 per yr; moonlt. mdnt; coal.
C D G L S ✢ ★125

**PRESTON,** 1,193—Root River Power & Light Co. (Gen.Sta at Brightdale Park); cost $175,000; cap. outstg. $100,000; bds. $40,000.
Pres. T. Sanderson.............Harmony
V. Pres. A. G. Alson....... .....Preston
Sec S. A. Langum............... "
Treas Carl Kuithe............... "
*¶Mgr. A. H. Hanning........... "

1 a. c. Elec. Mch. 625 kw. 2300 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a.c. day mo. cir. 220-110 v. s & 3 ph. 60 cys; trans. volt. 13,200 v; 850 hp. wtr. wh. Lef.

City cont. 5 Mazdas 240 w. $60 per yr; 55 incs 32 c. p. $18 per yr; moonlt; coal $3.40. (Also lts. Fountain, Canton, Mabel, Harmony and Spring Grove.)
D L W 1 3 ✢ ★125

**PRINCETON,** 1,555 — Building, Lt. & Wtr. Comm. (Munic.); cost $35,000.
Pres. Andy Bryson...............Princeton
Sec. Ira Y. Stanley............. "
Treas. J. C. Herdliska.......... "
*¶ Mgr. Cont. Agt. & Engr.
Pwr. Sta. O. B. Randall...... "

2 d. c. W. E, Tri. tot. 240 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 200 hp. e. Fitch, Chuse; 250 hp. b. Wms, Erie; also stm. htg.

14 city Mazdas 1000 w; 72 Mazdas 100 w; tot. $100 per mo: moonlt; coal $3.85. (Contemplates purchasing energy from Elk River Pwr. Co.)
C D H L S ✢ 125

* **RAPIDAN,** 39—Consumers Pwr. Co. See St. Paul.

**RED LAKE FALLS,** 1,757—Red River Pwr. Co. For executive officers, see Grand Forks, No. Dak.
Mgr. W. H. Brown........Red Lake Falls
Supt. E. F. Wheeler...... " "

2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-120 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Cor; 160 hp. b. North Star; 600 hp. wtr. wh. American Beauty.

City cont. 9 arcs 1200 c. p. $60 per yr; 19 incs. 100 w. tung. $18 per yr; 28 5-lt. ornamental posts 6 cts. per kw. hr; moonlt; coal $3.97. (Trans. to Hampton and St. Hilaire.)
D L S W 3 ✢ 105 W

**RED WING,** 9,048—Wisconsin-Minnesota Lt. & Pwr. Co. For executive officers. see Eau Claire, Wis.
Local Mgr. D. J. Fleming......Red Wing

4 a. c. West. tot 210 kw. 2300 v. 2 ph. 60 cys; 3 rect. G. E. tot. 225 lts; a. c. day & nt. ltg. cir. 112-115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 60 cys; 600 hp. gas. e. Westg: 75 hp. b La Cross. Energy also from Menomonie (Wisc.) Sta; 3 transf. G. E. tot. 1400 kva.

City cont. 82 arcs magn. 4 amp. $60 per yr; 78 arcs Magn. 4 amp. ("White Way" owned by city) 4 cts. per kwh; 122 incs. 32 c. p. 4 amp. $12 per yr; all nt. (Sells energy in bulk to Lake City, River Falls Pwr. Co. and R. E. Jones & Co., Wabasha.
D G H L 2 3 ✢ 16

**REDWOOD FALLS,** 1,666—Redwood Falls Lt. & Pwr. Co.
*Owner & Mgr.
A. C. Burmeister........Redwood Falls

3 a. c. Elec. Mch. tot. 40 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys: 125 hp. e. Allis-C; 125 hp. e. (gas) Busch Diesel: 200 hp. b. Atlas; 200 kw. stm. turb. West.

City cont. 4 series arcs 1200 c. p. $72 per yr; 95 series incs. 60 c. p. $16.80 per yr; all nt; coal $3.50, oil 3½ cts. (Sells energy to Wherland Elec. Co.)
D G L S W 3 ✢ ★125

**RENVILLE,** 1,182—Minnesota Valley Pwr. Co. See Montevideo.

**ROCHESTER,** 7,844—*Munic. Elec. Lt. Plant; cost $80,000; bds. $7,500.
Sec. W. F. Lenz.................Rochester
Supt. H. E. Swanson............ "
Engr. Pwr. Sta. N. Madeson... "

2 d. c. Allis-C, W. E tot. 200 kw. 110 v; 2 a. c. Allis C. Elec. Mch. Co. tot. 720 kw. 2300 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 110 v; 975 hp. e. Allis C, Erie, Ball; 780 hp. b. Heine.

125 city arcs $75 per yr; 83 series incs. 40 & 60 w. $35 per yr; moonlt; coal $3 80. (Erecting new power sta. which will have a rating of 1725 hp. in generators and 1040 boiler hp.)
C D L S 3 115w

**ROYALTON,** 676—Royalton Pwr. & Lt. Co; cap. $25,000.
Pres. A. C Wilson..............Royalton
V. Pres. B. W. White............ "
*Sec. & Treas. Chas. R. Rhoda "

Energy purchased from Little Falls Wtr. Pwr. Co.; 1 a. c. West. 120 kw. 110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. s. ph. 60 cys; 125 hp. e. Brnl; 125 hp. b. Brnl; 150 hp. new Amer. wtr. wh. (reserve plant.)

City cont. 29 tung. 250 w. $33.45 per yr.
D L S W 1 2 ✣ 25

**RUSH CITY,** 964 — Eastern Minnesota Pwr. Co. See Pine City.
a. c. day & nt. ltg. cir. 110 v. 60 cys.
City cont. 42 incs. 32 c. p. $24 per yr; moonlt; all nt.
D L. ✣ 125

**RUSHFORD,** 1,011—Munic. Ltg. System; cost $9,000; bds. auth. & outstg. $4,000, 4 p. c. int.
*Sec. Ch. Engr. & Elecn.
D. J. McCormick..............Rushford

Power purchased from Rushford Pwr. Co; 2 d. c. Northn. Tri. tot. 85 kw. 220 v; no day cir; 150 hp. e. Ide, Chuse; 100 hp. b. Spring.

10 city arcs 8 cts. per kw; 60 city incs. 16 & 32 c. p; 12.30 A. M; coal $4.05.
C L S ✣ 125

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The Rushford Pwr. Co.; cap. $50,000.
Pres. Thos. Ferguson..........Rushford
V. Pres. D. J. Tew......... .... “
*Sec. J. G. Roberton............ “
Treas. C. H. Grieser............ “
¶ Mgr. & Ch. Elecn. O. Holger.. “

2 a. c. pwr. Bull. tot. 150 kw. 2300-220 v. 3 ph. 60 cys; a. c. day cir. 2300 v; 300 hp. turb. Leffel. (Sells energy in bulk to city.)
T W 3 125

**RUSHMORE,** 237—*Munic Elec. Ltg. System.
Purchases energy from Munic. Lt. & Wtr. plant at Worthington; trans. volt. 6600 v.
L §115†

**ST. CHARLES,** 1,159—*Munic. Elec. Lt. Plant; cost $10,000; bds. $10,000.
¶ Supt. & Ch. Elecn. M. J. Lade St. Charles

2 d. c. Northn. W. E. tot. 110 kw. 250 v; d.c. nt. ltg. cir. 220 v; 200 hp. e. Chuse, Ideal; 240 hp. b. Brnl.

11 city arcs W. E. 3.5 amp; 70 incs. 32 c. p; moonlt; coal $3.50.
C L S ✣ 23

**ST. CLOUD,** 15,000 (approx.)—St. Cloud Public Service Co. (Purchased and consolidated the following companies: Union Pwr. Co., The Public Service Co. and Granite City Ry. Co ) (Leases St. Cloud Wtr. Pwr. Co; owns and operates Lt. & Pwr. Co. of St. Cloud.) (Acquired the property of the Munic. Wtr. & Lt. Plant at Paynesville); cap. $300,000; bds. $300,000.
Pres. A. G. Whitney............St. Cloud
V. Pres. F H. Gale.............. “
Sec. & Asst. Treas.
A. D. McKenzie.............. “
*Gen. Mgr. A. J. Bemis......... “
¶ Pur. Agt J. F. Perkins........ “
Gen. Supt. Geo. M. Marvin...... “
Supt. Ltg. Edgar Crosby ....... “
Ch. Engr. John Wintemeyer.... “

6 a. c. G. E. Allis-C. tot. 2700 kw. 2300 v. 3 ph 60 cys; 3 d. c. G. E, Tri. tot. 500 kw. 600 v; 1 arc G. E. 50 lt: a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys: d. c. day & nt. mo. cir. 500 v: 750 kw. stm. turb. Allis C; 500 hp. b. Heine; 3000 hp. wtr. wh. Smith.

City cont. 74 arcs a. c. 7.5 amp. and 50 arcs 4 amp. magn. (first 100 arcs $65 per yr. bal. $60 per yr.): 84 orna. clusters 300 w. $42 per yr: all nt: coal $4.50. (Co. also lts. Sauk Rapids, Waite Park, Rockville, St. Joseph, Cold Springs, Roscoe, Paynesville, Eden Valley. Watkins. Kimball, Annandale, Maple Lake and Richmond, and sells energy to Granite City Ry. Co.)
C D L S W 1 3 ✣ ★16

**ST. JAMES,** 2,102 — Munic. Elec. Lt. Plant; cost $35,000; bds. auth. & outstg. $30,000, 6 p. c. int.
Mayor, J. L. Logan..............St. James
Pres Council C. T. Crowley..... “
Clerk, Christ Larson..... ...... “
Treas. Ed. Belton.............. “
*Supt. Frank M. Craig......... “

Energy purchased from Consumers Pwr. Co. (Mankato Div.), trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.

9 city tung. 6.6 amp. 600 c. p. and 100 tung. 6.6 amp. 80 c. p. 3 all nt; coal $3.50.
D L 3 ✣ ★125†

**ST. LOUIS PARK,** 1,743—The Minneapolis Gen. Elec. Co. See Minneapolis.

**ST. PAUL,** 214,744—St. Paul Gas Lt. Co. (Owns Edison Lt. & Pwr. Co., St. Paul Lt. Ht. & Pwr. Co. and East Side Elec. Co.) (Practically all stock owned by the American Lt. & Trac. Co., 40 Wall St., New York, N.Y.); cap. auth. $6,000,000; outstg. $4,350,000; bds. $5,000,000.
Pres. Alanson P. Lathrop
40 Wall St.. New York, N. Y.
V. Prests. { Gen. Mgr. Paul Doty . St. Paul
Kenneth Clark....... “
*Sec. & Treas. J. P. Crowley..... “
Cont. Agt. Geo. Steinwedell...... “
¶ Pur. Agt Fred C. Hoffmann... “
Supt. & Ch. Engr. Fred A. Otto.. “
Engr. Pwr. Sta. Alfred Spencer.. “

3 a. c. turbo-gen. West. G. E. tot. 7500 kw. 2200 v. 2 ph. 60 cys; 3 d. c. Bull, G. E. tot. 1800 kw. 300 v; trans. volt. 25,000 v. 3 ph. 60 cys; 8000 amp. hr. stor. bat. E. S. B. 250 v; a. c. & d. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s & 2 ph. 60 cys; d. c. day & nt. mo. cir. 236 v; 1800 hp. e. Allis-C, West; 7800 hp. b. Spgf; energy from St. Croix Pwr. Co. 12 transf. G. E. West. tot. 3200 kw; 6 rot. conv. G. E. 1500 kw; 3 mo. gen. G. E. tot. 2000 kw.

City cont. all nt; screenings $3.31.
C D H L S 1 2 ★36

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Consumers Pwr. Co. (Operates plants in Cannon Falls, Faribault, Mankato, Rapidan, Red Lake Falls, St. Paul and Stillwater, Minn; Fargo, Grand Forks and Minot, No. Dakota; Sioux Falls, So. Dakota; Somerset, Wis. and Galena, Ill.) (Controlled by Northern States Pwr. Co. and operated by H. M. Byllesby & Co.): cap. outstg. $8,386.700 (prfd.) $5,725,000 (com.); bds. and notes outstg. $22 745 000.
Pres. A. S. Huey.............Chicago, Ill.
Sec. & Treas. R. J. Graf..... “ “
Mgr. P. T. Glidden...............St. Paul
Cont. Agt. A. A. Brown.......... “
*¶Pur. Agt. L. C. Daymude...... “
Supt. E. T. Street................ “
Engr. Pwr. St. J. L. Lawrence... “

4 a. c. West. tot. 9000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. ltg. cir. 110 v; a. c. & d. c day & nt. mo. cir. 220 v; 5600 hp. b. Edge; 9000 kw. stm. turb. West; also stm. htg.

Coml. ltg. 10 to 6 cts. per kw; domestic rates 12½ per kw; pwr. cir. rate 7 & 3 cts. per kw; coal $3.20. (This sta. serves St. Paul. So. St. Paul, W. St. Paul. Invergrove and St. Paul Park.) (Also operates in Dell Rapids. S. D.)
C D H L S 3 125w

**ST. PETER,** 4,176 — Munic. Elec. Lt. & Water Works; cost $50,000; bds. $7,000.
Pres. of Council Al. J. Potts.....St. Peter
City Clerk M. E. Stone.. ...... “
*¶Mgr. & Cont. Agt. F. N. Wilson “

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; 1 a. c. arc Westg. 16 kva; a. c. day &

nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 320 hp. e. Bckye, Ideal; 300 hp. b. Brnl, Bros. (Also purchases energy from Consumers Power Co., Mankato Div.)

5 city arcs G. E. mult. 2000 c. p. $50 per yr; 10 incs. 150 w. $15 per yr: 55 tung. series 6 6 amp. 50 & 200 c. p. $25 per yr; mdnt. moonlt; coal $3.50.

D L S 3 75

**SANDSTONE,** 1,818—Kettle River Pwr. Co.: cap. $125,000.
Pres. W. G. Jordan..........Minneapolis
V. Pres. T. S. Harris........ "
Sec. John A. Smith....... .. "
Treas. F. E. Hussey......... "
*Mgr. R. E. Dennis.............Sandstone
Audr. H. A Morse...........Minneapolis
¶ Pur. Agt. J. E. Tatam..... "
Engr. Pwr. Sta. John Adams..Sandstone

2 a. c. Ft. W. tot. 525 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; 180 hp. e. Bckye; 200 hp. b. Wms; 500 hp. turb. (wtr.) Smith.

City cont. 5 type "C" 600 c. p. 5.5. amp. $90 per yr; 40 incs. series 5.5 amp. 40 c. p. $21 per yr; all nt. (Sells energy to Hinckley Elec. Co.)

D L S W 3 ✣ ★125

**SAUK CENTER,** 2,154—Central Minn. Pwr. & Milling Co.; cap. auth. $80,000; pd. in $60,000.
Pres. & Treas. B. W. Merryman . Sauk Center
*Sec. & Mgr. S. T. Merryman. "
Supt. J. N. McGibbon........ "

1 a. c. G. E. 100 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Allis-C: 300 hp. b. Erie City; 400 hp. (wtr. wh.) Lef, Morgan.

City cont. 27 arcs G. E. enc. 7.5 amp. 2000 c. p. $90 per yr; 12 incs. 32 c. p. $24 per yr: moonlt; screenings $3.47.

D L S W 3 ✣ 125

**SAUK RAPIDS,** 1,745—Public Service Co. See St. Cloud.

**SCANLON,** 300—Cloquet Elec. Co. See Cloquet.

City cont. 18 Mazdas 32 c. p. 12 cts. per kwh.

L 125

**SHAKOPEE,** 2,302—*Munic. Elec. Lt. Plant; cost $18,000.
Pres. Arney Strunk............Shakopee
V. Pres. A. L. Herr.............. "
Sec C. Theo. Weilund .......... "
Treas. J. Berens................ "
¶ Mgr. T. E. Harris............. "
Engr. Wm. Sudmar............. "

1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 125 hp. e. Ide; 160 hp. b. Spring, Brnl. Energy purchased from Minneapolis Gen. Elec. Co.; 3 transf. G. E. tot. 300 kw.

100 series Mazdas 100 w. $84 per yr; moonlt. 11.30; coal $1 30.

D L S 3 ✣ 113

**SHERBURN,** 814—Munic. Elec. Lt. Plant.
*Pres. of Bd. D. M. Reynolds...Sherburn
Treas. Frank Collins......... ... "
Mgr. Gust. Fabianke. ........ "
Engr. Pwr. Sta. Hans Cristiansen "

1 d. c. Tri. 60 kw. 250-220 v: d. c. day & nt. ltg. & mo. cir. 220 v; 85 hp. e. Murray; 100 hp. b. Murray; 25 amp. Stor. Bat. Natl.

3 city arcs 1200 c. p. $84 per yr; 50 incs. 32 c. p: moonlt. mdnt; coal $5.30.

C D L S ✣ 23

**SLAYTON,** 850 — Slayton Power Co. (Owned and controlled by the Farmington Elec. Lt. & Pwr. Co., Inc., which see for executive officers.)
Ch. Engr. F. H. Eddy............Slayton

1 a. c. Elec. Mch. 35 kw. 2300 v. 3 ph. 60 cys; 2 d. c. F. M. & Co, G. E. tot. 105 kw. 220-110 v; d. c. day & nt ltg. cir. 110 v; d. c. day & nt. mo cir. 220 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 155 hp. e. (gas) Minpl, Jones; 300 hp. gas pro. Minpl, Weber.

City cont. 34 incs. nitro. series 80 c. p. tot. $150 per mo; 30 5-lt. posts "white way" 40 & 60 w; moonlt. 11 P.M; coal $6.50.

C D G L 3 ✣ §125

**SLEEPY EYE,** 2,247—Munic. Elec. Lt. Plant; cost $15,000
Mayor, Dr. J. B. Welcome....Sleepy Eye
Pres. Coun. Frank Scobie..... "
Recorder, H. C. Peterson ..... "
Treas. A. C. Dohmeyer ....... "
*¶ Supt. Chas. F. Baugatz.... "
Engr. Pwr. Sta. John Wenger. "

2 a. c. W. E. tot. 195 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. T. C; 250 hp. b. Wm. Bros.

30 city Mazdas "C" 200 w. $60 per yr. moonlt. 1 A.M: 36 clusters 340 w. $5.20 per mo. 10 P.M. & all nt; coal $5.33.

D L S 3 ★125

**SOUTH HAVEN,** 287 — *Henry Niklason.

1 d. c. —— 16 kw. 120 v; 80 amp.-hr. stor. bat. 120 v; d.c. day & nt. ltg. cir. 120 v; d. c. mo. cir; 35 hp. gas e.

City cont. 1 arc. G. E. and 550 Mazdas, moonlt: kerosene 6.9 cts. per gal.

C D G L ✣ §85

**SO. ST. PAUL,** 4,510—Consumers Pwr. Co. See St. Paul.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 54 arcs Ft. W. 350 w. $90 per yr; 70 Mazdas 100 w. $36 per yr; 1 A. M.

D L 3 25

**SOUTH STILLWATER,** 1,343 — Munic. Elec. Lt. Plant; cost $16,500; bds. auth. & issued $15,000, 3 p. c. int.
Pres. John McPherson...South Stillwater
*Sec. H. M. Underwood.. "
Treas. Geo. A. Lemartson. "
Mgr. & Engr. Pwr. Sta.
  Paul Precht............ "
Engr. Pwr. Sta.
  Chester Hill............ "

1 d. c. W. E. 60 kw. 250 v: nt. ltg. cir. 220 v: 90 hp. e. Chuse; 125 hp. b. Robinson & Carry.

All nt; wood $1.25.

C L S ✣ 23

**SPOONER**—International Lumber Co.

L §26†

**SPRINGFIELD,** 1,482—Munic. Elec. Lt. & Wtr. Plant; cost $20,000.
Pres. F. Bott....................Springfield
Clerk, E. J. Fernholtz........ "
Treas. C. H. Asch............. "
*¶ Mgr. & Ch. Engr.
  E. H. Adolphson ........... "

1 a. c. Elec. Mch. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys: 150 hp. e. Erie, Lentz; 275 hp. b. Bros.

50 city lamps "C" series 6.6 amp. 400 c. p. and 20 city incs. 60–80-100 w. all nt; coal $5.40.

D L S 1 3 ✣ ★125

**SPRING VALLEY,** 1,817—The Southern Minnesota Pwr. Co. (Controlled by Central Minnesota Lt. & Pwr. Co.); cost $65,000.

Pres. H. B. Rutledge..........Minneapolis
Sec. & Treas. W. R. Rutledge
Spring Valley
Mgr. M. C. Brown.......... " "
¶ Pur. Agts. Central Minnesota
Lt. & Pwr. Co..............Minneapolis
Engr. Pwr. Sta.
Elmer Perkins............Spring Valley

2 a. c. Elec. Mch. tot. 175 kw. 2300 v. 3 ph. 60 cys 2 d. c. Elec. Mch. tot. 75 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 220 v; 200 hp. e. Minpl, Ideal; 250 hp. b. Penn, Bros.

City cont. 75 Mazdas 60 & 100 c. p. $18 & $21 per yr; midnt. moonlt: 23 5-lt. clusters $2.25 per mo; coal $3.35. (Also lts. Grand Meadow and Wykoff and operates plant at Stewartville.)

C D L S 1 3 ✣ 25

**STAPLES**, 2,558—Munic. Elec. Lt. Plant; cost $66,000; bds. $66,000.
Mayor, Dr. F. H. Allen...........Staples
Pres. Bd. W. J. Lewis............. "
¶ Sec. F. W. Findsen............. "
Treas. J. R. Nims................ "
*Supt. & Ch. Elecn. J. Effinger... "
Ch. Engr. Pwr. Sta.
W. E. Thompson ................ "

2 a. c. Ft. W. W. E. tot. 200 kw. 2300 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. 2 & s. ph. 60 cys; 350 hp. e. L. & B; 450 hp. b. Hawkes, Parker; also stm. htg.

8 city lamps "C" series 6.6 amp. 600 c.p. & 76 city incs. series 6.6 amp. 100 c. p. tot. $2,500 per yr; moonlt. all nt; coal $3.65.

D H L S 1 2 ✣ 125

**STARBUCK**, 497—Munic. Elec. Lt. Plant & Wtr. Wks; cost $9,000; bds. $2,500.
Treas. Geo. W. Hughs..........Starbuck
*¶Mgr. A. H. Dreyer............ "

1 a. c. West. 30 kw. 240 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 50 hp. e. (gas) F. M. & Co. Energy also purchased from Glenwood Lt., Ht. & Pwr. Co.; trans. 6600 v. 3 ph; 2 transf. Moloney tot. 30 kw.

36 city tung 60 & 100 w; 11 P.M; gasoline 16 cts

D G L 2 ✣ 125

**STEPHEN**, 618—Munic. Elec. Lt. Plant; cost $9,000.
Vil. Pres. J. E. Huntin ...........Stephen
*Sec. O. G. Gunderson........... "
Treas. R. A. Whitney............ "
¶ Mgr. Wm. Dewing ............ "

1 d. c. Tri. 30 kw. 250 v; no day cir; 52 hp. e. McE: 75 hp. b. F. M. & Co.

6 city arcs; coal $5.35.

C L S ✣ 74

**STEWARTVILLE**, 794—The Southern Minnesota Pwr. Co. For executive officers, see Spring Valley.
Local Mgr. & Engr. C. M. Colby,
Stewartville

2 d. c. Elec. Mch. tot. 75 kw. 110-220 v: d. c. nt. ltg. cir. 110 v; 100 hp. e. Ideal; 100 hp. b. Penn.

City cont. 68 tant. 80 w. $17.65 per yr; midnt coal $3.35.

C L S ✣ 25

**STILLWATER**, 10,198 — Consumers Pwr. Co. Office, 234 So. Main St. (Owns and operates the Washington County Lt. & Pwr. Co., the White Bear Elec. Co. and the Apple River Pwr. Co., Somerset, Wis.) For executive officers, see St. Paul.
¶ Mgr. H. C. Cummins .....Stillwater
Cont. Agt. & Supt. B. Lund.... "

1 a. c. G. E. 750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 640 hp. b. Sterling; 1000 hp. turb. (stm.) G.E; trans. from Apple River Pwr. Co.; 9 transf. G. E. tot. 2400 kw.

City cont. 41 series arcs 6.6 amp. $57 per yr; 342 series incs. 3.5 amp. $12 per yr; all nt. (Also lts. White Bear, Oak Park and Lake Elmo; furnishes gas to So. Stillwater, Minn. and Hudson, Wis.)

D L S 3 25

**THIEF RIVER FALLS**, 3,714—Munic. Elec. Lt. & Wtr. Plant; bds. $67,500.
Mayor, Dr. F. H. Gambell
Thief River Falls
Pres. of Council,
C. W. Ackeman ...... " " "
City Clerk, A. H. Fasel.. " " "
Treas. Ed. Ewenson .... " " "
*¶Supt. Leonard Peterson " " "
Engr. Pwr. Sta.
Chas. Krause.......... " " "

4 d. c. Tri. Sprague tot. 500 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 450 hp. e. (oil) Busch-Diesel; 400 hp. turb. wtr Leffel.

12 city arcs A. B. 550 w; 200 Mazdas "B" 100 w; 300 Mazdas "B" 60 w; 4 cts. per kw. hr; all nt: oil 5.6 cts.

C D G L W ✣ ★16

***THOMSON**, 163 — Great Northern Pwr. Co. See Duluth.

**TOWER**, 1,111—Munic. Elec. Lt. Plant; cost $26,000; bds. $18,000.
Mayor, Chas. Roland...............Tower
*Sec. Chas. Lang ................. "
Mgr. Wm. E. Fay................. "

1 a. c. Ft. W. 100 kva. 4000 v. 3 ph. 60 cys; no day cir; a. c. ltg. cir. 110 v. 60 cys; 130 hp. e. Bckye; 150 hp. b. Duluth; 190 hp. wtr. wh. Dayton.

Moonlt: coal $4.10.

L S W 1 ✣ 44†

**TRACY**, 1,876—Citizens Lt. Wtr. & Pwr. Co. (Purchased Munic. Water & Light Plant.)
Pres. & Mgr. Emil W. Erick.......Canby
V. Pres. M. O'Toole..........So. St. Paul
Sec. Dr. Heinrich Tillisch..........Canby
Treas. J. A. Rickert.................Tracy
* Local Mgr. R. G. Olson.......... "
Ch. Engr. M. Ohman............... "

2 a. c. Elec. Mach.Co. tot. 112½ kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v 3 ph. 60 cys; 180 hp. e. Amer, Ball; 300 hp. b. Atlas.

City cont. 40 Mazdasseries 100 c. p. 6.6 amp. $28 per yr; 4 Mazdas mult. 250 c. p. $70 per yr; moonlt; coal $3.50.

D G L S 3 ✣ ★125†

**TWO HARBORS**, 4,990—Munic. Elec. Lt. & Wtr. Plant; cost $108,000.
Pres. Council.
Ernest G. Strand... .....Two Harbors
V. Pres. Thos. E. Murphy.. "
Treas. W. Lorne Fowler.... "
* City Clerk Aug. Omtvedt.. "
Ch. Elecn. W. Pearson ..... "
Ch. Engr. Otto E. Erickson. "

2 a. c. Bull. tot. 240 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 375 hp. e. Amer, Ball; 400 hp. b. Freeman.

28 city arcs mult. 6 amp. $60 per yr; 142 city incs. 100 w. $9 per yr; all nt; screenings $3.35.

D L S 1 ✣ ★125

**TYLER**, 614—Munic. Elec. Lt. Plant; cost $13,000: bds. $8,000.
Pres. Bd. Hans Lauriston............Tyler
V. Pres. Geo. Christanson ......... "
*¶Sec. John Johnson............... "
Treas. S. P. Sondergoard........... "
Mgr. & Engr. Pwr. Sta.
John Anderson.................... "

1 a.c. St. Paul 67 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 65 hp. e. (gas) S. & M; 85 hp. gas pro. S. & M.

G L 2 74

**ULEN,** 438—Munic. Elec. Lt. Plant; cost $4,000.
Pres. Bd. Ole Skalet..................Ulen
*Sec. & Supt. Olof E. Ruirsgord.... "
Treas. C. R. Peterson.................. "
Engr. Pwr. Sta. H. O. Millum....... "
1 d. c. Tri. 500 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 40 hp.e. Atlas; 40 hp. b. Atlas.
6 city arcs $30 per yr; 500 com. incs 12½ cts. per kw; coal.
C D L S ✠ 125

**VIRGINIA,** 10,473—Munic. Elec. Pwr. & Wtr. Plant; bds. $110,000.
J. D. Lamant.........Virginia
Commrs. A. Trotler............ "
Max Lewis............ "
*¶ Mgr. C. T. Harding........... "
Ch. Engr. E. Mitchell............. "
3 a. c. G. E, Allis-C. tot. 875 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 875 hp. e. Allis-C. Cor; 700 hp. b. Bros; 375 hp. turb. (stm.) Allis-C; also stm. htg.
City cont. 100 series arcs 450 w; 480 mazdas 100 w. 6 cts. per kw; all nt; stm. purchased.
D H L S 3 ✠ 125

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* Great Northern Power Co. See Duluth.
Div. Supt. H. J. Underhill.......Virginia
L ★ 125

**WABASHA,** 2,622—*R. E. Jones & Co.
Pres. R. E. Jones...............Wabasha
Sec. & Treas. J. G. Dill........ "
¶ Mgr Supt. Ch. Engr. & Elecn.
D. M. Jones...... ..... ..... "
Energy purchased from Wisconsin-Minnesota Lt. & Pwr. Co; 3 transf. G. E. tot. 450 kva; 1 a. c. Allis C. 80 kw. 2300 v. 3 hp. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 8 & s. ph. 60 cys.
City cont. 64 tung. 100 w. $19.44 per yr; moonlt. mdnt.
D L 1 3 ✠ 25E

**WACONIA,** 817—Waconia Lt. & Pwr. Co.
*Pres. & Mgr. E. F. Strong.....Waconia
V. Pres. Sec &
Treas. R. F. Strong............ "
Energy purchased from Minn. General Elec. Co; a. c day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 35 incs. 60 & 80 c. p. $25 & $28 per yr. (Will extend line to Cologne.)
D L 3 ✠ §85

**WADENA,** 1,820—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $10,000.
Pres. Bd. Henry Ebner..........Wadena
Sec. Arthur Murray.............. "
Treas. G. G. Hastings............ "
*¶Supt. Geo. E. Hughes........ "
Engr. Pwr. Sta. Herman Erche... "
2 d. c. Allis-C. Elec. Mach. Co. tot. 250 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 400 hp. e. Ideal, Allis-C; 375 hp. b. Bros.
30 city arcs Ft. W. $84 per yr; moonlt; coal $3 10.
C D L S 125

**WALKER,** 917—Munic. Elec. Lt. Plant; bds. $10,000.
Pres. Council, Chas. Kinkele.....Walker
Recorder, R. A. Oliver............ "
Treas. Emil Bibben................ "
*¶Supt & Engr. Pwr. Sta.
Jno. E. Gray.................... "
1 d. c. Tri. 55 kw 250-220 v; d. c. day & nt. ltg. cir. 220 v; 125 hp. e. Ide; 100 hp. b Frmn.
10 city arcs carbon 8.5 amp. $60 per yr; 24 Mazdas 60 w. $7.20 per yr; all nt. moonlt; mill refuse.
C D L S ✠ 75

**WALNUT GROVE,** 366—*Nordgren & Dahlgren.
2 d c. F. M. & Co, West. tot. 250 kw. 110 v; d. c. day & nt. ltg. cir. 110 v.
City cont. 11 P.M; kerosene.
D G L ✠ §26

**WARREN,** 1,613—Munic. Lt. & Wtr. Plant; cost (approx.) $68,000; bds. $24,000.
Elec. Lt. Chmn. C.E.Lundqust..Warren
& Wtr. H. M. Swanson........ "
Comn. A. B. Nelson.......... "
Sec. G. O. Cress............ "
*¶Mgr. & Cont. Agt.
W. R. Haney..................... "
Engr. Pwr Sta. J. Barlow......... "
2 a. c. West. tot. 225 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir 110-220 v. s. & 3 ph. 60 cys; 355 hp. e. Ide; 250 hp. b. Frmn, Spgf.
31-5 lt. posts and 37 clusters; moonlt; coal $5.58.
C D L I S ✠ 125

**WASECA,** 3,054—Munic. Lt. & Wtr. Plant; cost $65,000: bds. $30,000.
¶Pres. Bd. W. S. Brown.........Waseca
V. Pres. Dennis McLaughlin..... "
Sec. E. O. Herper................ "
*Supt. F. B. Fowler.............. "
Ch. Engr. & Elecn. Tom Davis.. "
Power purchased from Consumer's Pwr. Co. (Faribault Div.); 3 transf. G. E. tot. 225 kw; 1 a. c. Elec. Mch. 75 kw 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 325 hp. e. Ide, Bckye; 200 hp. b Ideal.
65 city tung. 6 6 amp. 400 c. p. 10 30 P. M. & all nt; 65 city tung. 6 6 amp. 100 c. p. all nt; coal $4.10.
D L S I 3 ★ 125 †

**WATERTOWN,** 465—Crescent Elec. Co; cap. $15,100; no bds.
Pres. Guy E. Halgren........Watertown
V. Pres. Geo. E. Hanscom.....St. Cloud
Sec. L G. Nelson..............Watertown
*Treas. Jas. J. Ponsford..... "
Purchases energy from Minn. Gen. Elec. Co; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. (Also lts. Mound and St. Bonifacius).
D L 3 ✠ §125

**WATERVILLE,** 1,272—Consumers Pwr. Co. See Faribault.

**WELLS,** 1,755—Wtr., Lt., Pwr. & Bldg. Comm.
R. A. Candee.............Wells
Comm. M. T. Henjum............ "
C. F. Sweet............. "
* Sec. & Mgr. J. A. Culshaw........ "
Engr. Pwr. Sta. A. Allickson....... "
3 d.c. G. E. W. E. tot. 325 kw. 220 v; d.c. day & nt. ltg. cir. 220 v; d. c. mo. cir. 220 v; 255 hp. e Ball Ideal: 180 hp. b. Mpls, Pitts.
33 city lamps 220 w. 10 P. M. & mdnt; 65 incs 60-100 c. p. moonlt. all mdnt; 7.15 cts. per kwh; coal $4.
C D L S ✠ ★ 125

**WHEATON,** 1,300—The Wheaton Elec. Lt Co.; cap. $10,000.
¶ Pres. Mgr. & Cont. Agt.
A. A. Johnson.................Wheaton
* Sec. F. W. Murphy.... .... "
Treas. Mrs. A. A. Johnson..... "
Engr. Pwr. Sta Ed. Struckman.. "
1 a. c. Warren 60 kw. 2200 v. s. ph. 133 cys: a.c. nt. ltg. cir. 110 v; 80 hp.e. Twin City: 100 hp b. Wms
City cont. 6 Mazdas 200 c. p. $60 per yr: 50 incs. Gem 32 c. p. $13.80 per yr; moonlt; coal $5.85.
L S 1 ✠ 74

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Otter Tail Pwr Co. See Fergus Falls.

**WHITE BEAR LAKE**, 1,505 — Consumers Pwr. Co. See Stillwater.
*Supt. J. W. Mattimore
White Bear Lake

Energy from Stillwater; trans. 26,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 106-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 2 arcs series 6.6 amp; 116 incs. series 6.6 amp; 29 ornamental posts 40 & 60 w. 3-lt. & 5-lt. $24 & $36 per post per yr.

D L 3 ✠ 25

**WILLMAR**, 4,135 — Munic. Elec. Lt. & Wtr. Wks; cost $100,000; bds. $20,000.
Pres. Bd. C. S. Olson ..............Willmar
V. Pres. B. Benson. ............ "
Sec. L. Fridlund.................. "
Treas. C. W. Odell.............. "
* Supt. N. W. Larson............ "
Engr. Pwr. Sta. E. Westlund .... "

2 a. c. Elec. Mch. Minpl total 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 350 hp. e. Erie; 550 hp. b. Bros, Diamond; stm. htg.

186 incs. "C" 5.5 amp. 75 w. metered; moonlt; coal $5.11.

D H L S 1 3 ✠ ★125

**WINDOM**, 1,749—Munic. Wtr. & Elec, Lt. Plant.
Pres. Coun. Gustave Muller.....Windom
Recorder, P. S. Redding.... "
Treas. H E. Hanson............ "
*¶ Supt. & Ch. Elecn.
Albert H. Dickerson.......... "

2 a. c. West. tot. 175 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 270 hp. e. Ide; 225 hp. b. Brul, Bros.

90 city tung. 80 c. p. 6.6 amp; 44 city tung. 240 w; moonlt; coal $5.30.

D L S 3 ✠ ★125

**WINNEBAGO**, 10,265—Commonwealth Pwr. Co.. Gen office Mankato; cap. outstg. $50,000; bds. $40,000.
Pres. Frank W. Hawley, Ludington, Mich.
*V. Pres. & Mgr H. Merrifield..Mankato
Sec. & Treas R. M. Noblett.... "
Cont. Agt. C. L. Owen.......Winnebago
Gen. Supt. Geo. E. Conrod... "

Energy Purchased from Consumers Pwr. Co; 29 transf. G. E. tot. 1300 kw; a. c. day & nt. ltg. cir. 108 v; a c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 160 incs. "C" mdnt. (also lts. Amboy, Vernon Center, Garden City.)

D L 3 ✠ §115

**WINONA**, 18,583—Wisconsin Ry., Lt. & Pwr. Co. See La Crosse, Wis.
Mgr. R. M. Howard ................Winona
Audr. S. M. Rothermel........... "
Supt. Geo. Benton................. "
Engr. Pwr. Sta. E. J. Kirchner... "

3 a. c. G. E tot. 2500 kw. 2300 v. 3 ph 60 cys; 2 rect. G. E; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 220 v; 2500 kw. stm turb. G. E. Curtis; 1995 hp. b. Bab. & W. Sterling; stm. plant held in reserve; energy from Hatfield, Wis.; 3 transf. G. E. tot. 1500 kw.

City cont. 100 inc. arcs 600 c. p. $66 per yr; 155 Mazdas 250 & 100 c.p. $40 & $24 per yr; moonlt; coal $2.75. (6600 v. trans. to Rollingstone, Minnesota City and Homer, Minn. and Fountain City, Wis.)

C D R S 3 ✠ 16

**WINTHROP**, 1,043—Munic. Elec. Lt. Plant; cost $18,000; bds. $7,000.
Mayor, A. S. Young ...........Winthrop
V. Pres. Theo. Schmalz........ "
Clerk O. F. Lofthus............ "
Treas. L. J. Larson.............. "
*¶ Supt & Engr. Pwr. Sta.
Geo. Huelskamp.............. "

2 d. c. Minpl. Ft. W. tot. 90 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 175 hp. e. Minpl, Ideal; 225 hp. b. Bros.

6 city arcs; 30 city incs. 16 c. p; 23 street clusters 4 lts, 100 w. Mazdas; moonlt; coal $5.34.

C D L S ✠ ★16

**WOODLAKE**, 292—Munic. Elec. Ltg. System.
Pres. Vil. G. E. Wornke.........Woodlake
Fred Volhl.... ...... "
Council A. R. Filbradt........ "
H. Schlemser......... "
Recorder, A. F. Payne.......... "
* Mgr. B. G. Priest.............. "

Energy purchased from Granite Falls Municipal Plant; 2 transf. Ft. W. tot. 30 kva. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

D L 1 3 ✠ 25

**WORTHINGTON**, 2,385—Munic. Lt. & Wtr. Plant; bds. $26,000.
Pres. Bd. A. J. Ward.......Worthington
V. Pres. G. W. Brammer.... "
*¶Sec. & Mgr. W. H. Buchan "
Treas. A. W. Fagerstrom... "
Engrs. Gus Rudquist... "
Pwr. Sta. E. E. Sims...... "
Chas. Bartling.. "

3 a. c. G. E. Ft. W. Elec. Mch. tot. 400 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 550 hp. e. Bckye, Ideal; 400 hp. b. Brown, Frmn.

200 city Mazdas and nitro. incs. 7.5 cts. per kw. hr; all nt. coal $5.35. (Also lts. Brewster and Round Lake and sells in bulk to Rushmore.)

D L S 1 3 ✠ ★125

**ZUMBROTA**, 1,138—Consumers Pwr. Co. See Faribault.

Trans. line from Cannon Falls 33,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 70 tung. 60 w. $12 per yr; moonlt. midnt.

D L 1 3 25

## MISSISSIPPI.

**ABERDEEN**, 3,708—* Munic. Elec. Lt. Pwr. & Wtr. Wks.; cost $110,000; bds. $90,000.
Treas. J. L. Shell...............Aberdeen
¶ Supt. E. A. Stinson........... "
Ch. Engr. J. W. Bolding........ "

2 a. c. Bull. tot. 330 kw. 1100 v. 3 ph 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. Ball, Allis C; 300 hp. b. W. & W.

56 city arcs. A. B. series 6.6 amp. $75 per yr; 75 series incs. 100 & 200 w. $12 per yr; moonlt; coal $2.05.

D L S 3 ✠ 113

**ACKERMAN**, 1,398—Munic. Elec. Lt. Plant; bds. $35,000.
Mayor. B. C. McWhorter.......Ackerman
Town Clerk, E. M. Barron...... "
*Supt. A. J. Collins............ "
Engr. Pwr. Sta. C. O. Carter... "

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 80 hp. e. H. F. & M; 100 hp. b. W. & W.

40 city tung. series 100 w; all nt; coal $2.55

D L S 3 25E

**AMORY**, 2,122—*Munic. Wtr. & Lt. Plant.
Mayor, J. A. Mayfield..............Amory
¶ Supt. & Engr. Pwr. Sta.
Russell Miller.................... "

2 d. c. Westg. tot. 150 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 260 hp. e. Hardie & Tynes; 185 hp. b. W. & W.

City cont. 17 arcs A. B. 1200 c. p. $78 per yr; 21 tung. 150 w. $36 per yr; all nt; coal $2.75.

C D L S ✠ 73

**BATESVILLE,** 774—Panola Elec. Lt. & Pwr. Co. See Sardis.
City cont. 32 incs. 32 c. p. $12 per yr.
L 23

**BAY ST. LOUIS,** 3,388—Bay St. Louis Ice, Lt. & Bottling Wks; cost $20,000.
*¶ Owner & Mgr. A. L. Stokoe, Bay St. Louis
2 a.c. G. E., Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 250 hp. e. H. F. & M; 200 hp. b. York, C. & T; also 25-ton ice plant (York).
City cont. 126 Mazdas 40 w. $22.50 per yr; all nt; coal $3.
(Co. also lts. Waveland.)
D I L S 3 ✠ 16

**BELZONI,** 1,059—Munic. Wtr., Lt. & Sewerage Plant; cost $25,000; bds. $23,000.
*¶ Mgr. J. J. Sisloff ................Belzoni
Ch. Engr. B. B. Abernathy........ "
2 a. c. Westg. tot. 125 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-225 v; 200 hp. e. H. F. & M; 200 hp. b. H. S. & G.
25 city arcs 2000 c. p. $60 per yr; 1500 incs. 12½ cts. per kw; moonlt; all nt; coal $2.90.
D L S 1 ✠ 125

**BILOXI,** 8,049—Gulfport & Mississippi Coast Trac. Co. See Gulfport.

**BOLTON,** 632—*Munic. Elec. Lt. Plant; cost $11,500; bds. $8,500.
Supt. Ch. Engr. & Elecn.
C. J. Scribner.......................Bolton
1 a. c. G. E. 50 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 93 hp. e. H. F. & M; 150 hp. b. Kew.
12 city arcs 6.6 amp. 100 c. p; 6 incs. 16 c. p; moonlt; coal $2.65.
L S 3 23

**BOONEVILLE,** 1,337—Booneville Lt. & Wtr. Co.; office 32 State St.; cost $35,510.
*Owner & Mgr. A.W. Kearly..Booneville
2 a. c. G. E. tot. 100 kw. 2300 v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 100 hp. e. (gas) ——.
City cont. 79 Mazdas 40-100 w; mdnt; oil 4½ c.
D G L 3 ✠ 14

**BROOKHAVEN,** 5,293—Munic. Lt. & Water Dept.; cost $125,000.
Mayor, C. Heuck..............Brookhaven
Clerk, B. Furlaugh........... "
*¶ Mgr. & Engr. Pwr. Sta.
R. S. Purser................... "
2 a. c. C-W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 450 hp. e. H. F. & M; 400 hp. b. F. & S.
60 city arcs series G. E. 500 w; 60 city incs. series 250 w; all nt; coal $3.
D L S 1 3 125

**BYHALIA,** 511—Munic. Elec. Lt. & Wtr. Plant.
*Pres. Dave McCleary..............Byhalia
Supt. D. D. Funderruke........... "
1 d. c. Ft.W. 30 kw. 220 v; d.c. nt. ltg. cir. 220 v; 55 hp.e. Ide; 75 hp. b. Corinth.
City cont. 500 carbon & Mazda 16 & 32 c. p. $25 per yr; coal $1.25.
C L S 23

**CANTON,** 3,929—Munic. Elec. Lt. & Wtr. Wks; cost $94,000; bds. $25,000.
*¶ Mgr. John T. Sharp, Jr.........Canton
Engrs. Pwr. Sta. { W. H. Borfield.......... "
{ A. L. Payne............. "
Elecn. W. A. McClure.............. "
3 a. c. Ft. W. tot. 310 kw. 1100 v. s. ph. 140 cys; a. c. day (summer) & nt. ltg. cir. 110 v. 140 cys; a.c. day & nt. mo. cir. 220-110 v. s. ph. 140 cys: 525 hp. e. Sknr. L. & B, Ideal; 564 hp. b. Stir, Robb.
140 city Tung. 100 w. & 50 w. 8 & 9 cts. per kw; moonlt; coal $2.86.
D L S 1 125

**CARROLLTON,** 608—Carrollton Lt. & Wtr. Plant (Munic.); cost $21,000; bds. $8,000.
*¶ Mgr. & Engr. Pwr. Sta.
W. E. Stilson.................Carrollton
1 d. c. West. 62½ kw. 240 v; d. c. nt. ltg. cir. 230 v; 95 hp. e. H. M. & B; 125 hp. b. H. S. & G.
— city Mazdas 60 & 100 w. $9 & $12 per yr; 61 mazdas 60 w. $9 per yr. moonlt. mdnt; coal $2.95. (Also lts. No. and So. Carrollton.)
C L S ✠ 75

**CHARLESTON,** 1,834—Munic. Elec. Lt. Plant; cost $6,000.
Mayor, W. T. Marshall........Charleston
*Clerk, J. R Crow, Jr.......... "
Supt. Geo. Darby................ "
Ch. Engr. John Motley......... "
a. c. nt. ltg. cir. 110 v. 60 cys.
60 city incs. series; moonlt. midnt.
L 3 ✠ 75†

**CLARKSDALE,** 4,079—Munic. Wtr. & Lt. Plant; cost $90,000; bds. $42,000.
Comr. W. & Lt., W. J. McNair..Clarksdale
*¶ Gen. Supt. W. S. Bobo...... "
Supt. W. & Lt., W. W. Pointer "
3 a. c. C-W. tot. 650 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 900 hp. e. Ball, McE, H. F. & M: 600 hp. b. W. & W.
35 city arcs 580 w; 60 tung. 200-350 c. p; moonlt; coal $2.90 & $2.70. (Also furnishes energy for commercial ltg. in Lyon).
D L S 3 25E

**CLEVELAND,** 1,001—Home Lt. & Ice Co; cost $35,000; cap. $10,000; bds. $20,000.
*Pres., Mgr. & Cont. Agt.
E. J. Nott.......................Cleveland
V. Pres. H. M. Ward........... "
Sec. D. J. Allen................. "
¶Treas. F. G. Proutt. Memphis, Tenn.
Gen. Supt. Robert Hall.........Cleveland
Engr. Pwr. Sta. J. T. Rollins.. "
2 a. c. C. W, Ft. W. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 112 v; a. c. mo. cir. 110 v. s. ph. 60 cys; 125 hp. e. H. F. & M; 150 hp. b. W. & W; 40 hp. turb. (stm.) Terry; also 10-ton ice plant (Frick).
City cont. 60 tung. 60 w. $30 per yr; all nt; coal $2.50.
D I L S 1 3 ★16

**CLINTON,** 767—Munic. Elec. Lt. & Wtr. Plant; cost $15,500; bds. $16,000.
Mayor, M. Latimer...............Clinton
Town Clerk, R. R. Hardy......... "
Treas. A. C. Powell................ "
*¶ Mgr. J. W. Provine............. "
Supt. P. H. Weatherford.......... "
2 a.c. G.E. tot. 185 kw. 1100-104 v. s. ph. 133 cys; no day cir; 200 hp. e. Atlas, Adams; 225 hp. b. Adams, Brnl.
32 city incs. 32 c. p. $50 per yr; coal $3.35.
L S 1 ✠ 75

**COLLINS,** 2,581—Munic. Lt. & Pwr. Plant; cost $25,000; bds. $34,000.
Mayor, Dr. C. H. Ramsay.........Collins
*¶ Mgr. & Ch. Engr.
F. H. Worthington............... "
1 a. c. Warren 150 kw. 1100 v. s. ph. 133 cys; a. c. day (Tuesday) & nt. ltg. cir. 106 v; 155 hp. e. Sknr; 300 hp. b. Adams.
65 city Mazdas 60-100 w; all nt; wood, $1.73 per cd. (Also lts. Ora.)
D L S 1 ★16

**COLUMBIA,** 2,029—Columbia Ice & Pwr. Co; cap. $40,000.

Pres. Wm. Gorenflo..........................Biloxi
*Sec., Treas. & Mgr. Lee Elder......"
Engr. Pwr. Sta. J. C. McElroy..Columbia
2 a.c. G.E. tot. 137½ kw. 2300 v. 3 ph. 60 cys; 1 arc. G. E. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s, 2 & 3 ph. 60 cys; 200 hp. e. H. F. & M; 240 hp. b. Columbus; also 15-ton ice plant (Columbus).
City cont. 15 series arcs 6 6 amp $120 per yr; 27 series incs, 50 c.p. $36 per yr; all nt; shavings.
D I L S 1 2 3 ✠ ★125

**COLUMBUS**, 12,490—Columbus Ry. Lt. & Pwr. Co., Merchants' Block; cap. $300,000; bds. $292,000.
Pres. & Treas. Chas. F. Sherrod Columbus
V. Pres. Wm. Baldwin.........."
¶ Sec. T. B. McCrary..........."
*Mgr. C. Hays...................."
Supt. W. W. Perry ................"
Ch. Engr. Wm. Patterson......."
Engr. Pwr. Sta. R. K. Anderson"
3 a.c. G. E. tot. 675 kw. 2300-115 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 550 v; a.c. day cir. 115 v. s. & 3 ph. 60 cys; pwr. cir. 440-220-115 v; 1000 hp. e. H. F. & M, Brmghm; 900 hp. b. Keeler, Stir.
City cont. 128 arcs 6.6 amp. $80 per yr: 36 incs. 100 c. p. $27.50 per yr; all nt; coal $2.50.
C D R S 1 3 ✠ 35

**CORINTH**, 5,020—Corinth Elec. Lt. & Pwr. Co.
*Owner & Mgr. W. T. Adams...Corinth
2 a. c. A. C, West. tot. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. W. E. 60 kw. 220 v; 1 arc. Ft. W. 25 lt; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 3 ph; 450 hp. e; 450 hp. b.
City cont. 6 series arcs; 60 series tung. 40 w; all nt; coal $2.25.
C D L S 2 3 ✠ 16

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Alcorn Elec. Lt. Co. Gen. office, 409 Waldron St; cap. outstg. $25,000.
Pres. & Mgr. J. E. Gift...............Corinth
V. Pres. H. E. Ray................."
Sec. & Treas. A. L. Johnsey ...."
*¶ Cont. Agt. J. E Hensley......"
Engr. Pwr. Sta. Zach Simington "
2 a. c. Allis-C, Westg. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v: a. c. mo. cir. 110-220 v. 2 & 3 ph. 60 cys: 550 hp. e. Murray; 550 hp. b. Penn. W. & W.
City cont. 10 arcs flame 2000 c. p. $90 per yr; 100 Mazdas "C" 100 c. p. $36 per yr; all nt; coal $2. (Co. also lts. West Corinth.)
D L S 2 3 ✠ ★16

**CRYSTAL SPRINGS**, 1,343—H. Converse. (Leases Munic. Wtr. & Lt. Plant.)
*¶ Mgr. Ward Converse...Crystal Springs
Ch. Engr. Pwr. Sta.
Joe Ashley..................."
3 d. c. West. 70 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo cir. 110-220 v: 175 hp. e. Atlas, Jewell; 190 hp. b. W. & W.
City cont. 100 Tant. & Mazdas 40-25-100-250-400 w. in lieu of rent; midnt. all nt; coal $1.
C D L S ✠ 25

**DURANT**, 1,881—Munic. Elec. Lt. Plant; cost $20,000; bds. $20,000.
Treas. G. S. Beall..................Durant
*¶ Mgr. & Ch. Elecn. Fred. Carden "
1 a. c. Bull. 185 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 250 hp. e. Allis-C; 250 hp. b. W. & W.
37 city arcs; 1500 com. incs; moonlt; coal $2.80.
L S 3 ✠ 25

**ELLISVILLE**, 2,446—Laurel Lt. & Ry. Co. See Laurel.
Local Mgr. Ben P. Gowen.......Ellisville

a. c. day & nt. ltg. cir. 113-115-117 v; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys.
City cont. 100 incs. 40 w. series 6.6 amp. $12 per yr; all nt.
D L 3 ✠ 16

**FAYETTE**, 775—Munic. Elec. Lt. & Wtr. Plant; cost $18,000; bds. auth. & outstg. $15,000.
Mayor, J. E. Tarry....................Fayette
Sec. E. H. Rebir......................"
Treas. N. A. Killingswarth........"
*¶ Mgr. W. W. Bisland.............."
Engr. Pwr. Sta. J. E. Lewis......"
1 d. c. G. E. 25 kw. 220 v; nt. ltg. cir. 220 v; 35 hp. e. Chuse; 80 hp. b. W. W.
500 city Mazdas 16 & 32 c. p. $6 per yr; moonlt; coal $3.75; wood $1.50.
C L S 125

**FRIAR POINT**, 875—Munic. Elec. Lt. & Wtr. Plant.
¶ Pur. Agt. E. F. Cohoe......Friar Point
*Gen. Supt. F. G. Fuller......"
1 a. c. Ft. W. tot. 60 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 70 hp. e. Atlas; 100 hp. b. —.
80 city tung. 60-100 w. $9 per yr; coal $1.
L S 1 ✠ 75

**GLOSTER**, 1,486—Gloster Lt. & Wtr. Wks. (Plant leased from City by *F. W. Seefield.)
1 a. c. G. E. 60 kw. 2300-110 v. s. ph. 60 cys; no day cir; 90 hp. e. H. F. & M; 225 hp. b. W. & W, Stir.
32 city incs. 60 c. p; mdnt; wood.
L S 1 125

**GREENVILLE**, 9,610—Delta Lt. & Trac. Co. (Successor to Delta Elec. Lt. Pwr. & Mfg. Co.); cap. $200,000; bds. $300,000.
Pres. F. N. Robertshaw.......Greenville
V. Pres. L. K. Salsbury
1209 Central Bk. Bldg., Memphis, Tenn.
*Sec., Treas. & Mgr.
R. B. Claggett..................Greenville
Supt. E. J. Lenz...................."
Ch. Engr. Pwr. Sta. C. H. Shepherd "
2 a. c. G. E, West. tot. 550 kw. 2300 v. 3 ph. 60 cys; 1 turbo-gen. West. 470 kva; 2 d. c. G. E. tot. 250 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; d. c. mo. cir. 500 v: 1100 hp. e. Rus, Skinr, F. & S; 1200 hp. b. Vogt.
City cont. 116 series arcs G. E. 6.6 amp. $70 per yr; all nt; coal $1.65. (Trans. line (17 miles) to Lake Village, Ark.)
C D R S 1 3 ✠ 125

**GREENWOOD**, 5,836—Munic. Elec. Lt. & Wtr. Plant; cost $123,000; bds $123,009.
Lt. & Wtr. Works Comrs. { Chmn. E. L. Monger / Dr. R. T. Henderson / C. E. Wright... .... } Greenwood
Sec. Warner Wells.............."
*¶ Mgr. & Cont. Agt.
Roy Stott......................."
Engr. Pwr. Sta. B. Y. Buckley. "
3 a.c. G. E. Bull, West. tot. 1150 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys: 704 hp. e. F. & S; 938 hp. b. W. & W, Heine; 500 kva. turb. (stm.) West.
85 city arcs 400 to 1000 c. p; moonlt; coal $2.25. (Also lts. No. Greenwood.)
D L S 1 3 ★125

**GRENADA**, 2,814—Munic. Wtr. & Lt. Plant; cost $150,000; bds. $7,800.
Mayor (Mgr.) B. F. Thomas.....Grenada
Supt. H. C. West ................"
*Engr. Pwr. Sta. R. T. Farrell... "
2 a. c. Ft. W. tot. 200 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 320 hp. e. Am. Ball; 300 hp. b. Stir.

96 city arcs series 6.6 amp. and 20 incs. 100 w; moonlt; coal $2.39. (Will install “White Way.”)
D L S 2 ★125

**GULFPORT,** 6,386—Gulfport & Mississippi Coast Trac. Co. (Pwr. stations at Biloxi and Gulfport); cap. $1,000,000; bds. $1,200,000.
Pres. J. T. Jones.......... Buffalo, N. Y.
V. Pres. W. T. Stewart ..........Gulfport
Sec. J. C. Simpson................ “
Treas. P. A. Stillwell.............. “
*¶Mgr. W. F. Gorenflo.............. “
Engr. Pwr. Sta. E. W. Crispin... “
Ch. Elecn. W. H. Pelaez.......... “

Pwr. stas. equip: 3 a. c. West. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E tot. 1400 kw. 600 v; trans. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 440-220 v. s. & 3 ph. 60 cys; 4000 hp. Bab. & W; 900 amp. stor. bat. E. S. B. 600 v.

City cont. 100 arcs G. E. 450 w. $96 per yr; 850 series Tung. 40, 50 & 75 w. $22.50, $24 & $36 per yr; all nt; coal, $2.15, (Co. also lts. Long Beach, Ocean Springs, Pass Christian, Mississippi City & Biloxi.)
C D R S 1 3 ✣ ★125

**HATTIESBURG,** 11,733—Hattiesburg Traction Co. (Controlled by the Meridian Lt. & Ry. Co., which in turn is controlled by Cities Service Co., 60 Wall St., New York, N. Y.); cap. outstg. $500,000; bds. $573 000.
Pres. Henry L. Doherty
60 Wall St., New York, N. Y.
1st V. Pres. C. Z. Stevens....Hattiesburg
Sec. F G. Austin.............. “
Treas. A. B. Paterson...........Meridian
*¶Mgr. H. F. Wheeler.........Hattiesburg
Cont. Agt. S. C. Irby ......... “
Supt. Ovhd. Distrbn.
W. W. Briggs................ “
Engr. Pwr. Sta. J. S. Sheffield “

3 a. c. Allis-C, West. tot. 2075 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; 825 hp. e. Allis-C; 900 hp. b. Heine; 1250 kva. turb. (stm.) West.

City cont. 76 arcs West. 7.5 amp. $96 per yr; 49 tung. 100 c. p. 7.5 amp. $32 per yr; all nt; coal $2.10.
D R S 3 ✣ ★125

**HAZLEHURST,** 2,056—Munic. Wtr. & Lt. Plant; cost $39,000; bds. auth. & outstg. $35,000, 4½ p. c. int.
Treas. T. O. Kearney, Jr......Hazlehurst
*¶Mgr. & Cont. Agt.
M. L. Slay.................... “

2 a. c. G. E. tot. 52 kw. 2300 v. s. ph. 60 cys; 1 rect. G. E; no day cir; 150 hp. e. H. F. & M; 200 hp. b. C. & H.

65 Mazdas 50 c. p; moonlt; coal $1.02.
L S 1 125

**HOLLENDALE,** 481—Munic. Elec. Lt. & Wtr. Plant; bds. $27,000.
*Supt. & Ch. Engr.
M. D. Banfield................Hollendale

1 d. c. G. E. 45 kw. 250 v; d c. nt. ltg. cir. 40 kw. 250 v; 40 hp. e. Chuse: 100 hp. b. W. & W.

8 city arcs enc. mult; 20 tung. 100 w; coal.
C L S ✣ 125

**HOLLY SPRINGS,** 5,000—*Munic. Wtr. & Lt. Plant; cost $106,000; bds. $79,000.
¶ Mgr. & Supt. Edward C. Rogers,
Holly Springs
Engr. Pwr. Sta. Will Lowell “

3 a. c. G. E. tot. 210 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s ph. 60 cys; 275 hp. e. H. F. & M, Fitch; 275 hp. b. Fitch; 40 hp. e. (gas) F. M. & Co.

34 city arcs 80 w; 50 incs. 32 c. p. 4 amps; all nt; coal $2.85.
D L S 1 23

**HOUSTON,** 1,400—Munic. Lt. & Wtr. Plant; cost $25,000; bds. $18,500.
Mayor, Elliott Parker..............Houston
¶ Clerk, W. B. Tobb................ “
Treas. Chickasaw County Bank.... “
*Mgr. A. G. Atkinson................ “

1 a. c. Bull. 60 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys: 120 hp. e. Atlas; 70 hp. b. C. I. W., 8 hp. e. (oil) Internl.

20 city arcs A. B. 500 w; 200 series incs. 40 w. 12½ cts. per kw; moonlt; all nt; wood $1.35.
L S 1 75

**INDIANOLA,** 1,098 — Electric Light Plant.
Owners { *J. C. Sexton.........Indianola
J. M. Sexton.......... “

2 d. c. G. E. tot. 155 kw. 250 v; d. c. day (summer months only) & nt. ltg. cir. 235-220 v; 175 hp. e. H. F. & M, Flmg; 250 hp. b, Schof, W. & W.

City cont. 6 arcs d. c. mult. 6 amp. $100 per yr; 38 incs. carbon mult. 50 c. p. $40 per yr; moonlt; coal $2.65.
C D L S ✣ 94w

**ITTA BENA,** 1,427—Itta Bena Cotton Oil Co. (Elec. Lt. Plant); cap. auth. & pd. in $75.000, 10 p. c. div.
*Pres. & Mgr. J. L. Haley.......Itta Bena
V. Pres. G. R. Mahoney ........ “
¶Sec & Treas. S. M. Kimbrough “
Supt. Ch. Engr. & Elecn.
W. G. Ebersol................. “

1 d. c. C-W 85 kw. 250 v; no day cir; 100 hp. e. Reeves; 160 hp. b. Brnl.

City cont. 11 arcs 1200 c. p. $96 per yr; coal $1.40.
C L S ✣ 117

**JACKSON,** 21,262—Jackson Lt. & Trac. Co. (Owned by the American Public Utilities Co.); cap. $250,000; bds. $250,000.
Pres. Chas. B. Kelsey
Grand Rapids Mich.
V. Pres. Joseph H. Brewer “ “
Sec. Blaine Gavette........ “ “
Asst. Treas. W. H. Ripley “ “
*¶Gen. Mgr. Raymond H. Smith.Jackson

3 a. c. G. E. tot. 3000 kw. 2200 v. 3 ph. 60 cys; 3 d.c. G. E., tot. 550 v; 6 rect. G.E. tot 50 lts; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; d. c. day & nt. mo. cir. 550 v; 3000 kw. turb. (stm.) G. E. Curtis; 1559 hp. b. Bab. & W. Stir.

City cont. 267 G. E. lumn. arcs 4 amp. $90 per yr; all nt: coal $2.
C D R S 3 ✣ 25

**KOSCIUSKO,** 2,385—Planters Oil Mill & Gin Co.; cap. $100,000.
Pres. W. B. Potts.............Kosciusko
V. Pres. S. P. Rimmer......... “
Sec. & Treas. C. A. Jones...... “
Audr. Homer K. Jones ..Memphis, Tenn.
Mgr. J. O. Ashworth..........Kosciusko
*¶Pur. Agt. J. W. Maxwell... “
Ch Engr. S. W. Maxwell....... “

3 a. c. G. E, Ft. W. tot. 197½ kw. 1100 v. s. ph. 60 cys; 2 d. c. West. tot. 20 kw. 125 v; a. c. day (summer) & nt. ltg. cir. 110 v. 60 cys: 400 hp. e. Hardie & Tyne; 200 hp. b. M'Zier.

City cont. 22 arcs G. E. 6.6 amp. $84 per yr: 57 Mazdas 60 w. $12 per yr; moonlt; coal $1.80.
C D L S 1 ✣ 125

**LAUREL,** 8,465—Laurel Lt. & Ry. Co.; cap. outstg. $500,000; bds. $472,000.
Pres. Guy M. Walker
60 Broadway. New York, N. Y.
*Sec., Treas. & Mgr. S. M. Jones. . Laurel
¶ Audr. J. J. Mundell.............. “
Supt. Chas. Bynum................ “
Ch. Engr. C. L. Foster.............. “
Engrs. Pwr. Sta. { A. J. Crosby..... “
C. O. Walborn... “
Supt. Ovhd. Distrbn. &
Ry. N. H. Halifield................ “

3 a. c. G. E. Allis-C. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. Allis-C. tot. 500 kw. 550 v; trans. volt. 13,000 v; a. c. day & nt. ltg. cir 113-115-117 v; a. c. day & nt. mo. cir. 220 2300 v. 3 ph. 60 cys; 300 hp. e. F. & S; 1200 hp. b. Sterling; 1300 kw. turb. (stm.) Allis-C.

City cont. 6 arcs G. E. series 6.6 amp. $78 per yr; 250 Mazdas 100 w. 6.6 amp. $27 per yr; all nt; shavings. (Co. also lts. Ellisville.)

C D R S 3 ✣ ★125

**LELAND,** 1,547—Munic. Lt. & Wtr. Plant; cost $9,000; bds. $2,000.

Mayor, R. M. Garrison..............Leland
*Clerk, J. C. Johnson............ "
Treas. J. E. Serags................"
Mgr. J. S. Gorman..................."
¶ Supt. & Engr. Pwr. Sta.
D. H. Bowlin......................"

1 a. c. G. E. 65 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v. 2 ph. 60 cys; 225 hp. b. Atlas.

12 city arcs G. E. 400 w; 800 incs. 10 cts. per kw; all nt; coal $2.35.

L S 2 34†

**LEXINGTON,** 2,428—Lexington Compress & Oil Mill Co; cap. $100,000; no bds.

Pres. G. A. Wilson ........Lexington
*V. Pres., Sec. & Treas.
J. H. McBee...................."
¶ Mgr. Cont. Agt. & Supt.
Dalton McBee...................."
Engr. Pwr. Sta. W. M. Perkins. "

1 a. c. West. 90 kw. 2200 v. s. ph. 60 cys; a. c. day cir. (in summer) 110 v; 125 hp. e. Murray; 200 hp. b. Murray.

City cont. 50 incs. st. series 250 w. $42 per yr; moonlt; coal $2.92½.

D L S 1 ✣ 23

**LONG BEACH,** 1,026—Gulfport & Mississippi Coast Traction Co. See Gulfport.

**LUMBERTON,** 2,122—Wells Lumber Co. (Elec. Lt. Plant.)

*Supt. Elec'l Const. E.B.Conn.Lumberton
Engrs. } J. W. Battle........ "
Pwr. Sta. } W. H. Mitchell.... "

4 a. c. Westg. tot. 120 kva 2300 v. 2 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. cir. 110 v. 60 cys; a. c. day (summer) & nt. mo. cir. 220 v. 2 ph. 60 cys; 150 hp. e. H. S. & G.

City cont. 22 incs. series 65 c. p. $22 per yr.

D L S 2 ✣ 73

**MACON,** 2,024—Munic. Water & Lt. Plant; cost $68,000; bds. $68,000.

*Mayor, J. G. Horton................Macon
Sec. & Treas. J. J. Scott............ "
¶ Mgr. Cont. Agt. & Supt.
W. L. Bush........................ "
Engr. Pwr. Sta. T. J. Walthall .... "

2 a. c. Ft. W. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 110 v. s. & 3 ph. 60 cys; 275 hp. e. H. & T, Flem; 250 hp. b. W. & W.

100 City Mazda series 85 & 100 w. $15 & $20 per yr; coal $2.95.

D L S 1 3 ✣ 83

**McCOMB,** 6,237—McComb-Magnolia Lt. & Ry. Co. (Successor to McComb City Elec. Lt. & Pwr. Co.)

*¶ Gen. Mgr. A. H. Jones.......McComb
Engr. Pwr. Sta. F. H. Mohns... "

3 a. c. G. E. tot. 1075 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 230-208 v. 3 ph. 60 cys; 1400 hp. e. H, F. & M. McI. & S; 800 hp. b. Bab. & W. W. & W.

City cont. 46 arcs G. E. 6.6 amp. $66 per yr; 40 tung. 6.6 amp. 40 c. p. $27 per yr; moonlt; coal, wood, sawdust. (Co. also lts. Summit.)

D L S 3 ✣ ★26

**MAGNOLIA,** 1,823—Magnolia Elec. Lt. Co.; cap. $10,000.

Pres. J. H. Price ............... Magnolia
V. Pres. A. D. Felder.......... "
Sec. & Treas. E. W. Reid ..... "
¶ Mgr. Xavier A. Kramer....... "
Ch. Engr. Chas. Orr............. "
Ch. Elecn. W. O. Gordon........ "

2 a. c. G. E, West. tot. 125 kw. 2300-115 v. 3 ph. 60 cys; no day cir; 100 hp. e. H. F. & M; 250 hp. b. Erie, Watertn. Purchases steam from Magnolia Cotton Mills.

City cont. 27 incs. 50 c. p. $-— per yr; moonlt; coal $3.25.

L S 3 125

**MERIDIAN,** 23,285—Meridian Lt. & Ry. Co. (Controls the Hattiesburg Trac. Co. and is itself controlled by the Cities Service Co., and operated by the Doherty Organization, 60 Wall St., New York, N. Y); cap. $2,000,000; bds. $1,845,000.

Pres. Henry L. Doherty..New York, N.Y.
2d V. Pres. & Gen. Mgr.
A. B. Paterson.................Meridian
Sec. & Treas. L. H. Archer..... "
Audr. C. A. Armstrong........... "
Cont. Agt. J. O. Chappell....... "
¶ Pur. Agt. J. H. Harrison...... "
*Supt. Ovhd. Distrbn.
C. A. Knight..................... "
Ch. Engr. F. L. Bailey.......... "
Engr. Pwr. Sta. O. C. Thigpen.. "

3 a. c G. E. tot. 2900 kw. 2300 v. 3 ph. 60 cys; 1 d. c. C.-W. 500 kw. 550 v; 5 arc mchs. G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 1220 hp. e. Ham, Cor; 4000 kw. turb. (stm.) G. E; 2250 hp. b. Heine, Sterling.

City cont. 100 series arcs 6.6 amp. $72 per yr; 500 incs. "C" 100 c. p. $24 per yr; all nt; coal $1.85.

C D R S 3 ★125

**MOUNT OLIVE,** 1,077—Munic. Elec. Lt. Plant.

*Mayor E. L. Calhoun...........Mt. Olive

L ★125

**MOSS POINT,** 3,054—Pascagoula St. Ry. & Pwr. Co. See Pascagoula.

**NATCHEZ,** 11,791—Southern Ry. & Lt. Co. (Owns the Natchez Elec. St. Ry. & Pwr. Co., the Natchez Lt., Pwr. & Transit Co., and the Natchez Gas Co.); cap. $45,670; bds. $335,000.

*Pres. & Mgr. Frank J. Duffy...Natchez
V. Pres. E. H. Ratcliff.......... "
Sec. & Treas.
J. W. Billingsley......New Orleans, La.
Ch. Engr. W. F. Cox..............Natchez

3 a. c. G. E. tot. 1400 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 400 kw. 550 v; a. c. day & nt. ltg. & pwr. cir. 113 v; 1100 hp. e. Fulton, F. & S, R. & R; 800 hp. b. Geary, B. & W; 75 amp. hrs. stor. bat. E. S. B.

City cont. 118 arcs 2000 c. p. $90 per yr; 37 series incs. 50 c. p. 1½ cts. per hr; all nt; coal $2.90.

C D R S 3 ✣ 25

**NEW ALBANY,** 2,032—Munic. Wtr. & Lt. Plant; cost $29,000; bds. $39,000.

Mgr. & Engr. Pwr. Sta.
Claude Stevenson..New Albany
*¶ Supt. J. H. Thompson.... "

2 a. c. Ft. W. tot. 190 kw. 2300-110 v. s. ph. 60 cys; 275 hp. e. H. & T; 275 hp. b. Cole, W. & W.

13 city series arcs 6.6 amp; moonlt; coal $1.10.

L S 1 ✣ 125

**OCEAN SPRINGS,** 1,472—Gulfport & Mississippi Coast Trac. Co. See Gulfport.

**OKOLONA,** 2,584—Munic. Elec. Lt. Plant; cost $52,000; bds. outstg. $44,000.
*Mgr. A. S. Miller.................Okolona
¶ Pur. Agt. G. H. Babbitt........ "
Engr. Pwr. Sta. Alex. Johnson.. "
2 a. c. Bull. Ft. W. tot. 194 kw. 1100 v. s. ph. 60 cys; no day cir; 330 hp. e. Cor, Lycoming; 410 hp. b. O'Br.
15 city arcs 1000 c. p.; 36 city Tung 100-200 w; moonlt; coal $2.30.
L S 1 ✠ 16

**ORA,** 462—See Collins.
City cont. 15 Mazdas 100 w. $12 per yr.
L 16

**OSYKA,** 824—*Munic. Elec. Lt. Plant; bds. $20,000.
Supt. & Engr. Pwr. Sta. F. R. Ott..Osyka
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 50 hp. e. H. F. & M; 175 hp. b. W. & W.
35 city series incs. 75 w. $12 per yr; wood & coal $1 per mo.
L S 3 23

**OXFORD,** 2,014—Munic. Lt. Plant.
* Clerk J. H. Lawshire.............Oxford
Engr. Pwr. Sta. R. P. Furr........ "
2 a.c. W.E. tot. 100 kw. 240 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 220 v. 60 cys; a. c. day mo. cir. 240 v. 3 ph. 60 cys; 200 hp. e. Buffalo; 450 hp. b. W. & W.
Coal $2.85. (Will install 150 kw. gen. and engine, direct connected.)
D L S 3 ★16 w

**PASCAGOULA,** 3,370—Pascagoula St. Ry. & Pwr. Co.; cap. $500,000; bds. $350,000, 6 p. c. int.
Pres. S. A. Culbertson....Louisville, Ky.
V. Pres. & Gen. Mgr. S. S. Bush "
Sec. J. D. Winston.......... "
Treas. Columbia Finance & Trust Co.................... "
*¶ Gen. Supt. R. A. Bowers..Pascagoula
Engr. Pwr. Sta. J. Higginbotham "
Ch. Elecn. L. Blackshire........ "
1 a. c. G. E. 150 kw. 2300-113 v. 3 ph. 60 cys; 1 d. c. G. E. 225 kw. 550 v; a. c. day & nt. ltg. cir. 113 v; a. c. mo. cir. 3 ph. 60 cys; d. c. ry. cir. 550 v; d. c. mo. cir. 220-110 v; 500 hp. e. H. F. & M; 600 hp. b. Bab. & W; also 30-ton ice plant (Vogt).
City cont. 150 tung. lamps 40 w. and 16 tung lamps 80 w. $22.40 per yr; moonlt; wood $1.20. (Co. also lts. Moss Point.)
C D I R S 3 ✠ 125

**PASS CHRISTIAN,** 2,458—Gulfport & Mississippi Coast Trac. Co. See Gulfport.

**PHILADELPHIA,** 1,209—Philadelphia Elec. Co; cap. $7,000; cost $10.000.
Pres. & Mgr. N. A. Cramer..Philadelphia
V. Pres. A. Cramer.......... "
* Sec. & Con. Agt. H. A. Cramer "
— a. c. nt. ltg. cir. 110 v.
Mdnt. moonlt; coal $2.85.
L S X 22

**PONTOTOC,** 1,277—Pontotoc Elec. Lt. & Pwr. Co; cost $12,000.
*¶ Owner & Mgr. L. E. Price....Pontotoc
2 a. c. Warren 45 kw. 1100 v. s. ph. 60 cys; a. c. day (summer months only) & nt. ltg. & mo. cir. 110 v; 100 hp. e. Southern; 60 hp. b. Southern.
City cont. 67 series Mazdas 60 & 100 c. p. $1.33 & $1.83 per mo; moonlt; coal & wood $2.70 & $1.75. (Will change system to 3 ph. and install 1-60 kw. & 1-40 kva. gen. & 50 hp. oil eng; contemplates establishing 24 hour service.)
D L S 1 ✠ 125

**POPLARVILLE,** 1,272—*Munic. Lt. & Wtr. Wks; bds. $40,000; cost $47,000.
¶ Mgr. M. H. Hall............Poplarville
1 a. c. West. 75 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 175 hp. e. Ideal; 200 hp. b. Atlas.
City cont. 75 Mazda series; moonlt; wood $2.
L S 1 ✠ 74

**PORT GIBSON,** 2,252—Munic. Lt. & Wtr. Wks.; cost $45,000; bds. $26,200, 6 p.c. int.
* Supt. H. D. Brownlee.......Port Gibson
Engr. Pwr. Sta. N. E. Hawes. "
2 a. c. G. E. tot. 155 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. F. & S, Ideal; 285 hp. b. W. & W.
65 series Mazdas "C" 400-250-100 c. p. 6.6 amp. $22 per yr. (based on 100 c. p. lamps); moonlt; coal $2.90.
D L S 1 ★125

**PRENTISS,** 640—Prentiss Elec. Lt. & Mfg. Co. (Consol. of Prentiss Elec. Lt. Co. and Prentiss Mfg. Co.)
* Owner W. C. Veach............Prentiss
Engr. Pwr. Sta. Joe Stewart...... "
1 d. c. G. E. 20 kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 30 hp. e. Erie; 70 hp. b. Erie.
City cont. 30 incs. Tung. 100 w. $14.80 per yr; all nt; wood $1.60.
C L S ✠ ★16

**RICHTON,** 1,250—Richton Lt. & Pwr. Co. (Owned by Richton Lumber Co.); cap. $15,000.
*¶ Supt. S. E. Shannon........Richton
Engr. Pwr. Sta. M. K. Smith.... "
1 a. c. Elec'l Mch. Co. 50 kw. 2200 110 v. s. ph. 60 cys; no day cir; 80 hp. e. Valley; 160 hp. b. Ames, Adams.
City cont. 13 arcs $60 per yr. moonlt.
L S 1 ✠ ★125

**RULEVILLE,** 451—Munic. Elec. Lt. Plant; bds. $20,000.
Mayor, C. E. Shelton ...........Ruleville
Clerk, R. S. Parker.............. "
Treas. E. P. Shofer............. "
* Mgr. & Ch. Engr. O. S. Anderson "
Engr. Pwr. Sta. W. W. Wells.... "
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v; a. c. mo. cir. 110 v. s. ph. 60 cys; 80 hp. e. Flemg, H. F. & M; 135 hp. b. C. & H.
27 Mazda series 6.6 amp; moonlt; coal $2.25.
L S 1 3 ★125

**SARDIS,** 1,406—Panola Elec. Lt. & Pwr. Co.; cap. auth. $25,000, pd. in $19,000.
Pres. R. M. Carrier.................Sardis
¶ V. Pres. Gen. Mgr. & Cont. Agt. T. B. McCormick ................. "
* Sec. G. M. Lee.................... "
Supt. Elbert Jones.................. "
Engr. Pwr. Sta. J. Elsenious....... "
1 a. c. Bull. 120 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 150 hp. e. Ideal; 200 hp. b. Shea.
City cont. 63 incs. 30 c.p. $9.60 per yr; all nt; wood. (Co. also lts. Batesville and Como. Purchases energy from Ga. Ry. & Pwr. Co. for ltg. Conyers and Lithonia, Ga.)
L S 3 ✠ 16†

**SENATOBIA,** 1,275—Munic. Elec. Lt. & Water Wks.; cost $28,000; bds. $21,000.
Mayor, J. B. Snider............Senatobia
Clerk, H. I. Gill.................. "
*¶ Mgr. & Cont. Agt. H. E. Johnson.................. "
1 a. c. G. E. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 100 hp. e. H. F. & M; 200 hp. b. W. & W.
40 city incs. series 100 w. $23.50 per yr; moonlt; coal $3.22.
D L S 3 ✠ 16

**SHAW,** 871—Munic. Lt. & Wtr. Wks; cost $30,000; bds. $26,000.

*Mayor (Mgr.) M. B. Brister ........Shaw
Treas. Geo. H. Stephens............ "
Ch. Engr. W. T. Rodgers............ "
1 a. c. G. E. 75 kw. 2300-104 v. s ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v; 100 hp. e. Ideal; 120 hp. b. Atlas.
12 city arcs; 900 incs; moonlt; coal $3.
L S 1 25

**SHUBUTA,** 1,168—*Shubuta Oil & Mfg. Co.
1 a. c. Bull. 60 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Adams; 550 hp. b. —.
City cont. 6 arcs A. B. 660 w. $75 per yr; 24 incs. 32 c. p. $15 per yr; moonlt. all nt; sawdust and coal.
D L S 1 ✠ ★85†

**STARKVILLE,** 2,698 — Munic. Elec. Lt. & Wtr. Plant; cost $25,000.
*Mayor, H. A. Battie..........Starkville
Supt. Geo. McIngvale............ "
2 a. c. Warren, Ft. W. tot. 195 kw. 1100-110 v. s. ph. 133 cys; no day cir; 360 hp. e. Ideal, H. F. & M; 340 hp. b. W. & W, Bab. & W.
24 city arcs 2000 c. p. $60 per yr; 80 incs. 32 c. p. $12 per yr. moonlt; coal $2.35.
L S 1 34†

**SUMMIT,** 1,471—McComb-Magnolia Lt. & Ry. Co. See McComb.

**TUNICA,** 555—Planters Oil Mill; cost $5,000.
Pres. S. A. Withers..................Tunica
*Sec. Treas. Mgr. & Cont. Agt.
J. T. Watson........................ "
Supt. C. V. Beall .................. "
1 a. c. Burke 35 kw. 110 v. s. ph. 60 cys; no day cir; 40 hp. turb. (stm.) Terry.
All nt; coal.
L S 1 ✠ ★125

**TUPELO,** 3,881—Munic. Elec. Lt., Wtr. & Sewerage Plant; cost $80,000; bds. $100,000, 5 p. c. int.
Mayor, D. W. Robins..... ....Tupelo
City Clerk & Mgr. C. E. Goodlett.. "
Supt. E. R. Chisholm.............. "
*Asst. Supt. W. H. St. John ...... "
Engr. Pwr. Sta. J. A. Martin "
2 a. c. C. W. 500 kva. 2200 v. 3 ph. 60 cys; 1 rec. West. 25 lt. 6.6 amp: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200 v; 700 hp. e. Flem, Harrbg; 400 hp. b. Cole, C. & H.
76 "white way" 5-lt. posts, 4-60 w. & 1-100 w; 110 tung. 6.6 amp. 100 c. p; moonlt; coal $2.07.
D L S 3 16

**TYLERTOWN,** 793—Tylertown Lt. & Pwr. Co.
Owners { T. C. Simmons......Tylertown
*W. A. Boyd.... "
1 a. c. Ft. W. 75 kw. 1100 v. s. ph. 60 cys; a. c nt. ltg. cir. 110 v; 40 hp. e. Erie; 150 hp. b. Erie.
City cont. 10 Mazdas 60 w. $40 per yr; 325 Mazdas 25 w. $6 per yr; all nt; shavings $50 per mo.
L S 1 .............. ✠ 84

**VICKSBURG,** 20,814—Vicksburg Lt. & Trac. Co; cap $1,000,000; bds. $940,000.
Pres. Wm. B. Walter..........Chicago, Ill.
¶ V. Pres. J. N. McCallum... " "
Sec. & Treas. I. C. Elston, Jr. " "
*Mgr. O. H. Simonds............Vicksburg
New Business Mgr. E. B. Booth. "
Engr. Pwr. Sta. C. L. Sheffield "
2 a. c. G. E. tot. 1100 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 500 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 1100 kw. turb. (stm.) G. E; 1500 hp. b. Stir, Heine.
City cont. 150 arcs, G. E. enc. 7.5 amp. $75 per yr; 135 Mazdas 80 c. p. $25 per yr; 30 incs. "white way" 120 w. $40 per yr; all nt; coal $2.10.
C D R S 3 ✠ 125

**WATER VALLEY,** 4,275—Munic. Elec. Lt. & Wtr. Plant; bds. $60,000; cost $150,000.
Mayor, G. W. Rayborn......Water Valley
City Clerk, G. R. Wood...... "
Chmn. J. W. Tarver........ "
Treas. J. H. Mauldin........ "
*¶ Supt. T. C. Barry........ "
Engrs. Pwr. Sta. W. D. Davis "
2 a. c. G. E, Bull. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; 350 hp. e. Allis-C. Murray; 300 hp. b. Bab. & W.
280 city tung. 40-500 w; coal $2.12.
D L S 3 125

**WAVELAND,** 554—Bay St. Louis Ice, Lt. & Bottling Wks. See Bay St. Louis.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 60 cys.
City cont. 20 Mazdas 40 w. $27 per yr.
D L 125

**WEST POINT,** 4,864—Munic. Elec. Lt. & Wtr. Plant; cost $30,000.
Mayor, David Cottrell..........West Point
Treas. John W. Henley........ "
*¶Mgr. & Cont. Agt.
J. H. Smith.................... "
Supt. Ovhd. Distrbn,
Geo. Brock...................... "
Ch. Engr. Jno. Martin.......... "
Engr. Pwr. Sta. E. M. Deys..... "
2 a. c. G. E. tot. 310 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 300 hp. e. F. & S: 400 hp. b. W. & W.
139 Mazdas "C" 6.6 amp. 100-600 w; moonlt; coal $1.90.
D L S 1 ✠ ★16

**WIGGINS,** 980—Wiggins Electric Lt. Co.; cap. $6,000; no bds.
Pres. W. R. Barber..............Wiggins
V. Pres. R. Klumb................ "
Sec. A. Wicks.................... "
Treas. N. V. Reed................ "
*¶ Mgr. & Cont. Agt. A. W. Reed "
Engr. Pwr. Sta. G. A. Reed....... "
1 a. c. Warren 150 kw. 2200 v. 3 ph. 60 cys; 1 d. c. West. 30 kw; a. c. nt. ltg. cir. 110 v. 60 cys; 375 hp. e. Ball, Adams; stm. furnished by Finkbine Lbr. Co.
City cont. 1100 tung. & carbon 50 w. 50 cts. per 16 c. p; all nt; shavings.
C L S 1 ✠ 75

**WINONA,** 2,512—Winona Water, Sewerage, Ice & Lt. Co.; cap. auth. $100,000; bds. $80,000.
*¶Pres. Mgr. & Cont. Agt.
W. H. Harvey....................Winona
V. Pres. P. E. Pegnes............ "
Sec. & Treas. U. D. Reeve........ "
2 a. c. G. E. tot. 2107 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 108 v. 60 cys; 850 hp. e. Ham, Ide; 450 hp. b. Brnl. (Also ice plant.)
City cont. 39 arcs enc. 6.6 amp. 1200 c.p. $96 per yr; 25 tung. 40 w. 35 c. p. $18 per yr; moonlt; all nt; coal $2.
I L S 1 ✠ 35

**WOODVILLE.** 1.233 — Munic. Lt. & Wtr. Plant; bds. outstdg. $35,000.
*¶Mgr. & Ch. Engr.
Jas. Massey....................Woodville
1 a. c. Westg. 60 kw. 1100 v. s. ph. 60 cys: a. c. nt. ltg. & mo. cir. 110 v; 90 hp. e. Chuse; 200 hp. b. Ide.
50 city incs. 60 c. p. moonlt; wood $2.
L S 1 ✠ 35

**YAZOO CITY,** 6,796—Public Service Commission (Munic. Lt. Wtr. & Sewerage Plant); cost $200,000.
Chmn. Wtr. Lt. Com. I. S. Reed. Yazoo City
Cashier, A. R. Lacey.......... "
*¶Mgr. Jas. S. Butler......... "
Ch. Engr. W. G. Middleton ... "
Engr. Pwr. Sta. J. H. Pepper.. "
2 a. c. G. E, Stan. tot. 300 kw. 2300-110 v. 2 ph. 60 cys; 1 d. c. G. E. 150 kw. 500

v; a. c. day & nt. ltg. & mo. cir; 600 hp. e. Harris, Bckye; 450 hp. b. Scotch Marine.

74 city arcs $96 per yr; 23 series tung. 250 w. $36 per yr; moonlt; coal $2.65.
C D L S 2 ★125

## MISSOURI.

**ADRIAN,** 929—Adrian Elec. Lt. & Pwr. Co.; cost $10,000.
*Pres. & Mgr. John Boettner, Jr..Adrian
Sec. & Treas. K. E. Boettner...... "
Engr. Pwr. Sta. E. Van Fosson... "

1 a. c. Ft. W. 30 kw. 1100 v. s. ph. 60 cys; a. c. (afternoon to mdnt.) ltg. cir. 110 v; 60 hp. e. Atlas; 70 hp. b. Eng.

City cont. 33 Mazdas 40 & 100 w. $15 & $27 per yr; moonlt; coal $2.25.
D L S 1 ✠ 25

**ALBANY,** 1,922—Munic. Wtr. & Lt. Plant; bds. $28,000.
Mayor, H. Grahair..................Albany
Chmn. Council, N. Angeline...... "
City Clerk, Chas. Gibbany........ "
Treas. B. L. Perry.................. "
*¶Cont. Agt. & Mgr.
W. E. Noonan..................... "
Engr. Pwr. Sta. Roy Noonan..... "

2 a.c. Elec. Mch. tot. 250 kw. 2300 v.s.& 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v.s. & 3 ph. 60 cys; 350 hp.e. Murray; 350 hp. b. Murray, Kew; 15 hp. e. (gas) F. M. & Co.

68 city Mazdas 100 c. p. $12 per yr; 30 5-lt. standards; moonlt; coal $2.85.
D G L S 1 3 25

**APPLETON CITY,** 1,018—Municipal Lt. Plant.
Pres. Bd. W. H. Sayeser....Appleton City
*Ch. Elecn. D. S. Davis.... "

1 d. c. Westg. 50 kw. 220 v; no day cir; 80 hp. e. Erie; 80 hp. b. Eng.

City cont. 20 arcs; coal.
C L S 75

**ASH GROVE,** 1,075—Ash Grove Milling & Elec. Co.
*Owner, E. E. Kemper.........Ash Grove

1 a. c. W. E. 75 kw. 2300 v. 3 ph. 60 cys; 1 arc W. E. 25 lts; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v; 125 hp. b. Cor; 125 hp. e. Brnl; 80 hp. e. (oil) F M. & Co.

City cont. 10 arcs W. E. 6.6 amp. $75 per yr; 5 tung. 250 w. 6.6 amp. $60 per yr; moonlt; coal $2.65; oil 3⅜ cts. per gal.
D G L S 3 ✠ 125†

**AURORA,** 4,148—Lawrence County Wtr., Lt. & Cold Stor. Co. (Consol. Lawrence County Wtr. Co. & Aurora Lt., Pwr. & Refrig. Co.): cap. outstg. $250,000; bds. $225,000.
*Pres. & Mgr. J. R. Woodfill, Jr....Aurora
V. Pres. H. B. Cassell ......Marietta, Pa.
Sec. & Treas. L.C. Ritchie....Belmar, N.J.
¶Supt & Ch. Elecn. J.M. Hawkins. Aurora
Ch. Engr. W. F. Ackerman......... "

2 a. c. Allis-C. tot. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 300 hp. e. Ohio, Cor, Ham; 400 hp. b. Brnl; also ice and cold storage plant. Also purchases energy from Ozark Pwr. & Wtr. Co.

City cont. 28 enc. arcs 6.6 amp. $66 per yr; 15 Mazdas series 100 c. p. $30 per yr; moonlt. midnt; coal $3.05 & $2 45 (6 mile trans. line 6600 v. to Marionville, and 5 mile trans. line 6600 v. to Verona.)
C D I L S 2 ✠ ★125

**BELTON,** 922—Belton Elec. Lt. Co.
*Owners, Homan & Harker.......Belton
L 44

**BETHANY,** 1,931—Munic. Elec. Lt. & Wtr. Wks; bds. $30,000.
Pres. Bd. Wm. Rolcke.............Bethany
Sec. J. B. McClure................. "
Treas. W. Sam Wightman.......... "
*¶ Mgr. J. F. Slinger ............. "
Engrs. Pwr. Sta. { Chas. B. McGregor "
Bert McGregor "

2 a. c. Allis-C. tot. 320 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 450 hp. e. S. C, Allis-C; 250 hp. b. Brnl.

178 city incs. series 80 c. p. $18 per yr; moonlt. midnt; coal $2 95. (Sells energy to New Hampton Lt. & Pwr. Co.)
D L S 1 3 ★125

**BEVIER,** 1,900—See Macon.

**BILLINGS,** 760—Billings Lt., Pwr. & Wtr. Co.: cap. $3,500; no bds.
*Pres. W. P. Sullivan...............Billings
V. Pres. J. B. Berghaus.............. "
Sec. Treas. & Mgr. C. A. Neyer... "

1 d. c. G. E. 60 kw. 220 v; 75 hp. e. Monarch; 120 hp. b.

City cont. 2 arcs $72 per yr; 300 Carbon & tung. $9 per yr. 20 cts. per kw; moonlt; coal $3.25.
C L S 44†

**BLACKWATER,** 371—Blackwater Elec. Lt. Co.
*Owner, John Henry .........Blackwater
L 44

**BLAND,** 359—Bland Elec. Lt. & Pwr. Co.; cap. $900; bds. $2,800.
*Pres. H. E. Neese.....................Bland
¶Sec., Treas., Mgr. & Cont. Agt.
G. F. Aufderheide................. "
Engr. Pwr. Sta. H. S. Emory...... "

1 a. c. G. E. 15 kw. 120 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 115 v; 20 hp. e. (oil) Remington.

City cont. 350 tung. 15 cts. per kw. hr; moonlt; 11 P. M; kerosene 7½ cts per gal.
G L 3 ✠ 113

**BLOOMFIELD,** 1,500—Bloomfield Elec. Lt., Ht., Pwr. & Wtr. Co.; cap. $10,000.
Pres. T. J. Toole...............Bloomfield
Sec. J. L. Ashley.............. "
*¶ Mgr. & Cont. Agt. Wm. T. Toole "

3 d. c. Wagner, West. tot. 145 kw. 500-250-220 v; d. c. nt. ltg. cir. 220 v; d. c. day pwr. cir. 250-500 v; 187 hp. e. Chuse. St. Line; 100 hp. b. Brnl.

City cont. 100 Mazdas 25 w. $6 per yr; moonlt; wood $1.50; coal $2.80.
C L S ✠ 16

**BOGARD,** 650—Carrollton Wtr., Lt. & Transit Co. See Carrollton.

City cont. 15 series lamps 60 c. p. 6.6 amp. $18 per yr.
L 125

**BOLIVAR,** 1,975—Munic. Elec. Lt. & Wtr. Wks. Plant.
*Supt., Ch. Engr. & Elecn.
N. W. Maas......................Bolivar

1 a. c. Ft. W. 100 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 160 hp. e. Skinr; 100 hp. b. Brnl.

210 incs. 60 c. p. 6.6 amp; coal.
D L S 1 3 ✠ 125

**BOONVILLE** 4,252—Boonville Lt. Ht. & Pwr. Co.: cap. $75,000; no bds.
Pres. W. A. Sombart............Boonville
V. Pres. & Supt R. A. Sombart "
*¶Sec., Treas., Mgr. & Cont. Agt.
W. E. Sombart.................. "
Ch. Pwr. Salesman F. J. Quick. "
Engr. Pwr. Sta. W. H. Hanna... "

2 a. c. G. E. tot. 305 kw. 1100 v. s. ph. 60 cys; 1 rect. G. E. 16½ kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v; 340 hp. e. Ide, Mur. Rey. 300 hp. b. Kew, Brounfield.

City cont. 293 Mazdas 40 to 100 c. p. $12.50 per yr; moonlt; coal $2.35 & $1.75.
D L S 1 ✣ 75

**BOSWORTH**, 1,000 — Carrollton Wtr., Lt. & Transit Co. See Carrollton.
City cont. 30 series lamps 60 c. p. 6.6 amp. $18 per yr.
L 125

**BOWLING GREEN**, 1,585 — Pike County Elec. Lt. & Pwr. Co.; cap. $10,000; bds. $7,880.
*¶ Pres., Treas. & Mgr.
Colin K Lee..............Bowling Green
V. Pres. Joseph M. Lee......Kansas City
Sec. Jay M. Lee.............. "
Energy purchased from Louisiana Lt., Pwr. & Trac. Co.; trans. 11,000 v. s. ph. 60 cys; 2 transf. G. E. tot. 80 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. s. ph. 60 cys.
City cont. 4 Mazdas 250 c. p. & 1 Mazda 100 c. p. $48 per yr; 30 Mazdas 60 w. $12 per yr; 48 Mazdas 40 w. $9.60 per yr; moonlt. mdnt.
D L 1 ✣ 125

**BRANSON**, 475 — Ozark Pwr. & Wtr. Co. Office 414 Joplin St., Joplin, Mo. (Operated by The Doherty Organization, 60 Wall St., New York, N. Y.); cap. outstg. $1,500,000 (com.), $500,000 (pfd.); bds. $2,000,000.
Pres. Henry L. Doherty
60 Wall St., New York, N. Y.
1st V. Pres. Frank W. Frueauff
60 Wall St., New York, N. Y.
2d V. Pres. A. E. Spencer..........Joplin
3d V. Pres. & Mgr.
C. E White....................Springfield
Sec. David D. Hoag...............Joplin
*Treas. & Gen. Supt.
Geo. E. Hayler, Jr.............. "
Audr. H. T. Ledbetter.............. "
¶ Pur. Agt. H. R. Cranford......... "
Supt. Ovhd Distribn. F. C. Pratt.. "
Engr. Pwr. Sta. S. E. Gard..... Branson
5 a. c. G. E. tot. 11, 250 kw. 2300 v. 3 ph. 25 cys; trans. v. 66,000 v; 20,000 hp. wtr. wh. Smith. (Co. sells energy in bulk to Lawrence County Wtr., Lt. & Cold Storage Co., Neosho Elec. Lt. Co., Empire District Elec. Co. and Springfield Gas & Elec. Co.)
T W 3 ★16

**BRAYMER**, 1,027—Braymer Lt. & Fuel Co.; cap. $15,000; no bds.
Pres. Chas. L. Mowder............Braymer
*Sec. Treas. & Mgr.
E. T. Messenbaugh............ "
¶ Cont. Agt. & Supt. J. E. Young "
Engr. Pwr. Sta. Wm. McCubbins, Jr "
2 d. c. Bull tot. 75 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 165 hp. e. Cooper, Ham, Cor; 125 hp. b. Kew.
City cont. 75 Mazdas 100 w. $18 per yr; moonlt; mdnt; coal $2.25.
C D L S ✣ 44†

**BRECKENRIDGE**, 1,025 — Munic. Elec. Lt. Plant: bds. $10,000.
Mayor, L. W. Reed..........Breckenridge
Treas. W. O. Hart.......... "
City Clerk, Jas. Chafflin..... "
*¶ Supt. & Engr. Pwr. Sta.
Andrew Blair............. "
1 a.c. Bull. 60 kw. 220-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 85 hp. e. McE; 160 hp. b. Atlas.
24 city tung. series 60 c. p. moonlt; 30 tung. mult. 100 w. midnt; coal $2.85.
L S 1 16

**BROOKFIELD**, 5,749 — Brookfield Elec. Lt. Co.; cap. $100,000; bds. $40,000.
Pres. Harry Markham.........Brookfield
V. Pres. W. S. McCall..........St. Louis
Sec. Harry C. Lehr................ "
Treas. E. H. Gorse................ "
*Mgr. P. W. Markham..........Brookfield
3 a. c. Allis-C., Westg, G.E. tot. 575 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Murray; 450 kw. stm. turb. West; 600 hp. b. Heine, Atlas; transmn. volt. 13,200 v. s. ph. 60 cys.
City cont. 300 Mazdas 40 & 50 w. $19 per yr; moonlt; coal $1.50. (Also lts. Laclede, Purdin, Browning and Linneus.)
D L S 1 3 ✣ ★16

**BRUNSWICK**, 1,606 — Brunswick Lt. & Wtr. Co. (Inc.); cap. $10,000.
Pres. J. A. Nickell................Marceline
*V. Pres. Sec. & Mgr.
L. A. Nickell....................Brunswick
Treas. J. W. Nickell..............Marceline
Engrs. } Wm. Arnold......Brunswick
Pwr. Sta. } K. C. Fox.......... "
2 d. c. Westg. tot. 130 kw. 220 v; d. c. day & nt., nt. ltg. & mo. cir. 220 v; 215 hp. e. Allis-C, Mur; 300 hp. b. Atlas, Mur.
City cont. 50 tung. 250-w. (7) & 40 w. (43) $72 & $12 per yr; moonlt; coal $2.50.
C D L S ✣ 125

**BUCKLIN**, 790—Bucklin Lt. & Pwr. Co.
*Propr. A. J. Coen..................Bucklin
Energy purchased from City of Marceline, 6600 v. 3 ph. 60 cys; 3 transf. Wag, tot. 10 kw; a. c. day & nt. ltg. cir. 112 v.
City cont. 18 tung. 60 w. $18 per yr; moonlt.
D L 3 ✣ 125

**BUNKER**, 556—*Munic. Elec. Lt. Plant.
City Clerk, B. Williams...........Bunker
L 44†

**BURLINGTON JUNCTION**, 942 — Munic. Elec. Lt. & Pwr. Plant; bds. $8,500.
*Mgr. Iva Christman
Burlington Junction
2 a. c. G. E, W. E. tot. 21.75 amp. 2300 v. 3 ph. 60 cys; 2 arc mchs; a. c. nt. ltg. cir. 110 v; a. c. day (one day each week) mo. cir. 110 v. 2 ph. 60 cys; 102 hp. e. Ball, Erie, Bauer; 90 hp. b. Kew.
City cont. 48 incs. series 5.5 amp. $14.14 per yr; moonlt; coal.
L S 2 3 ✣ ★115

**BUTLER**, 2,894—Munic. Elec. Plant; cost $25,000.
Mayor, H. G. Cook....................Butler
Clerk, J. F. Smith.................. "
City Treas. Wesley Black .......... "
*¶ Mgr. & Cont. Agt.
H. M. Cannon...................... "
Engr. Pwr. Sta. Chas. W. Miller.... "
3 d.c. West. Enberg. tot. 230 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 350 hp. e. Erie, Ideal, Enberg; 300 hp. b. Erie City, Oil City.
140 city Mazdas 60 250-750 w; moonlt. all nt; coal $1.87½.
C D L S 25

**CAINSVILLE**, 887—Missouri Elec., Gas & Wtr. Co.; cap. $50,000.
Pres. H. B. Tyson........Norristown, Pa.
Sec. & Treas.
C. H. Alderfer .......... "
Gen. Mgr. Phil. H. Waterman...Albia, Ia.
Audr. L. J. Beauregard..........Cainsville
*¶ Gen. Supt. J. W. Smith...... "
Ch. Engr. Pwr. Sta.
De Witt Green................ "
Energy purchased from Grand River Coal & Coke Co.; trans. v. 2300 v. 3. ph. 60 cys; 11 transf. Dun. tot. 64 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys.
City cont. 35 Mazdas 6.6 amp. $24 per yr; all nt.
D L 1 3 ✣ 25

**CALIFORNIA**, 2,154—California Elec. Lt. & Pwr. Co.
*Owner & Mgr. F. T. Porter...California

1 a. c. West. 150 kw. 2400-110 v. 3 ph; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 175 hp. e. St. Louis, Cor; 150 hp. b. Frost.

City cont. 38 arcs A. B. 450 w. $70 & $60 per yr; moonlt. all nt; coal $2.90.

D L S 1 ✠ 125

**CAMERON,** 2,980—*Munic. Elec. Lt., Pwr. & Wtr. Plant; cost $90,000.

City Clerk, Clarence Staples....Cameron
Engr. Pwr. Sta. A. J. Spangler... "
Ch. Elecn. Frank E. Turner..... "

2 a. c. G. E, West. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 265 hp. e. Bates, Buffalo; 508 hp. b. Murray, Heine.

174 series Mazdas 60 c.p; 81 mult. Mazdas 80 c.p; moonlt. all nt; coal $1.24.

D L S 1 3 14

**CAMPBELL,** 1,781—Campbell Public Service Co.; cap. $18,000.

*Owner, Ben. F. Eicholtz.......Campbell

2 a. c. W. E. West 130 kw. 2300 v. 2 ph. 60 cys; a. c. day (one day a week) & nt. ltg. cir. 110 v; 150 hp. e. Southern; 160 hp. b. Southern; 30 kw. stm. turb. West.

City cont. 126 Mazdas 25 w. $10 per yr; moonlt; coal & wood $2.35 & $1.50.

D L S 2 ✠ 125

**CANTON,** 2,218—*Munic. Elec. Lt. & Wtr. Plant; cost $22,000; bds. issued $8,000.

¶ Mgr. & Cont. Agt.
W. Dusenberry....................Canton
Engr. Pwr. Sta. Wm. Schiever.... "

2 a. c. Stan, Ft. W. tot. 180 kw. 2200 v. s. ph. 60 cys; a.c. day & nt. ltg cir. 121 v; a. c. day & nt. mo. cir. 121-242 v. s. ph. 60 cys; 300 hp. e. Rus, Murray; 180 hp. b. Murray.

13 city arcs A. B. 250 w. $50 per yr; 75 series Tung. 50 w. $15 per yr; moonlt. all nt; coal $2.10.

D L S 1 ✠ 74

**CAPE GIRARDEAU,** 8,475—Missouri Public Utilities Co. Office, 750 Ry. Exchange Bldg., St. Louis. (Owned and controlled by The Lt. & Devel. Co of St. Louis). (Co. operates in Cape Girardeau, Dexter, Sikeston, Charleston, Senath and Poplar Bluff; also serves Illmo, Chaffee, Morehouse and Fornfelt.)

Pres. H. Wurdack.... } 750 Ry. Exchange
V. Pres. ——— } Bldg.,
Sec. H. W. Beck...... } St. Louis
Treas. M. A. Kurtz "
¶ Pur. Agt. Phil. Ziegenfuss "
Local Mgr. A. M. Tinsley..Cape Girardeau
Engr. Pwr. Sta. W. L. Hall. "

5 a. c. G. E. tot. 2225 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 200 kw. 550 v; trans. volt. 13,200-2300 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys: 425 hp. e. Ham. Cor., Ide; 1550 hp. b. Heine; 1 turbo-gen. Allis-C, G. E. 1800 kw.

City cont. 150 street series 60 w. $18 per yr; 94 3-lt. posts 60 w. $40 per yr: all nt; screenings $1.46. (Co. furnishes energy to and operates Cape Girardeau Jackson Interurban Ry. Co.; this sta. also serves Illmo, Fornfelt and Chaffee.) (Erecting trans. lines which will serve East Prairie and Anniston from Charleston plant and Oran and Morley from Cape Girardeau plant.)

C D L S 2 ✠ ★125 w

**CARROLLTON,** 3,452—Wtr., Lt. & Transit Co.; cap. auth. & pd. in $150,000.

Pres. S. J. Jones....................Carrollton
V. Pres. T. L. West............ "
Sec. P. L. Trotter.................. "
Treas. J. T. Marshall............ "
*Mgr. H. W. Graham............ "
Engr. Pwr. Sta. F. McDonald.... "

1 a. c. Allis-C. 200 kva. 2200 v. 3 ph. 60 cys; 1 a. c. turbo-gen. Allis C. 375 kva. 2300 v. 3 ph; 2 d. c. West. tot. 205 kw. 550 v; a. c. day & nt. ltg. cir. 120 v; pwr. cir. 550 v; 475 hp. e. Fulton, Ball, Ide; 700 hp. b. Murray, Stir; also ice plant.

City cont. 54 5 lt. King posts $26.40 per yr; 170 incs. series 60 c. p. $18 per yr; mdnt; coal $2. (Also lts. Bogard and Bosworth; will lt. Tina.)

C D I R S 1 3 125

**CARTERVILLE,** 4,539—Empire District Lt. Co. See Joplin.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220 v. 3 & 4 ph. 25 & 60 cys.

City cont. 9 arcs series d. c. 6.6 amp. & 64 incs. "C" 80 c. p; all nt.

D L 3 4 36

**CARTHAGE,** 9,483—Munic. Elec. Lt. & Wtr. Plant. Gen. office, 4th & Howard Sts.; bds. $150,000.

Pres. Bd. Public Works, C. B. Platt
Carthage
Sec. Bd. Public Works,
S. C. Boggess.......................... "
*¶ Supt. & Ch. Elecn. A. P. Knowles "
Engr. Pwr. Sta. D. M. Buergey.. "

3 a. c. Allis C, Bull. tot. 600 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 850 hp. e. Allis-C; 820 hp. b. Freeman.

30 city arcs. $60 per yr; 300 incs. 60 c. p; moonlt. mdnt; coal $1.92.

D L S 2 25

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Empire Electric Pwr. & Supply Co. (Owned and operated by The Empire Dist. Elec. Co., Joplin.) Pwr. sta. Forest Mills.

Pres. Henry L. Doherty
60 Wall St., New York, N. Y.
V. Pres. A. E. Spencer..............Joplin
Sec. David D. Hoag.................. "
Treas. & Gen. Mgr.
Geo. E. Hayler, Jr.................. "

Hydro-elec. plant 6½ mi. east of Carthage at Forest Mills: trans. volt. 6600 v. 3 ph. 60 cys; 1 mo. gen. West. 40 kw; 1 a. c. W. E. 100 kw. 440 v. 3 ph. 60 cys; 1 d. c. West. 100 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 250 v; 150 hp. e. (gas) Rath-J; 400 hp. turb. (wtr.) Samson.

Nat. gas 25 cts. per M.

C D G L W 3 ★36

**CARUTHERSVILLE,** 3,655—Caruthersville and Kennett Ice & Elec. Co. For executive officers, see Kennett.

Ch. Engr. B. F. Coulter.... Caruthersville

1 d. c. Tri. 25 kw. 250 v; 2 a. c. G. E. tot. 150 kw. 1150-104 v. s. ph. 125 cys; d. c. day cir. 250 v; d. c. pwr. cir. 250 v; 390 hp. e. Bates, Cor; 390 hp. b. Frick, Shay; also 50 ton ice plant.

City cont. 11 arcs 1200 c. p. $96 per yr; 98 incs. 32 c. p. $8.47 per yr; all nt; coal.

C D I L S 1 ✠ ★16

**CASSVILLE,** 781—Cassville Milling & Pwr. Co.; cap. $15,500.

Pres. David Dingler....................Cassville
V. Pres. I. Dingler.. ............ "
*Sec. & Treas. J. C. Ault... ...... "

1 d. c. Tri. 300 kw. 220 v; d. c. nt. ltg. cir. 220 v; 150 hp. e. Sknr; 80 hp. e. (oil) M. & W; 100 hp. b. Brnl.

Coal $1.75; wood $2.50.

C G L S ✠ 125

**CENTRALIA,** 2,116—Centralia Wtr & Lt. Dept. (City purchased distributing system of the Centralia Lt. & Pwr. Co.)

Mayor Arthur Bruton..........Centralia
*Supt. J. K. Fyfer.................. "
¶Ch. Engr. L. C. Botkin...... "

Energy from Mexico Pwr. Co.; 3 transf. G E. tot. 75 kva; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 118-236 v. s. & 3 ph. 60 cys.

City cont. 50 incs. series 250 c. p; moonlt; mdnt.

D L 1 3 ✠ ★16

**CHAFFEE,** 2,082—Missouri Public Utilities Co. See Cape Girardeau.

**CHARLESTON,** 3,144—Missouri Public Utilities Co. See Cape Girardeau.
Local Mgr. R. B. Boyce.........Charleston
Ch. Engr. & Elecn. E. McNeece.. "

2 a. c. G. E, tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day cir. 104 v; pwr. cir. 220-110 v; 225 hp. e. St. L; 225 hp. b. F. M. & Co; also 14 ton ice plant. (York.)

City cont. 28 arcs 1200 c. p; 38 incs; moonlt. all nt; coal; wood.

D I L S 3 ✠ 75

**CHILLICOTHE,** 6,265 — Munic. Elec. Lt. Plant. (In Oct. 1915, City purchased Electric Lt. Dept. of Peoples Gas & Elec. Co.); cost $95,000.
Bd. Pub. Wks.
Pres. C. F. Adams.....Chillicothe
John T. Milbank...... "
Sec. John A. Ryan..... "
Adam Saale............ "
*Supt. P. J. Dixon............... "
Engrs. Pwr. Sta.
Walter Baker...... "
G. W. Weaver..... "
R. C. Gregory...... "

3 a. c. West, Elec. Mch. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 & 3 ph. 60 cys; trans. volt. 13,000 v. s. ph. 60 cys; 450 hp. e. Ball, Erie; 540 hp. steam turb. De Laval; 450 hp. b. Brnl.

City cont. 300 tung. 100 w. 4 cts. per kw; 260 incs. series 100 & 60 w. 4 cts. per kw; 52 5-lt. electro. 100 & 60 w. 5 cts. per kw; all nt; coal $1.45. (Also lts. Meadville and Wheeling.)

D L S 1 2 3 ✠ ★16

**CLARENCE,** 1,322 — Munic. Elec. Lt. Plant.
Mayor, J. C. Rickey............Clarence
Pres. Bd. J. H. Sherwood....... "
Treas. J. E. Roy.................. "
*Supt. & Engr. Pwr. Sta.
Don McIntire................. "

1 a. c. G. E. 50 kw. 1150-113 v. 2 ph. 60 cys; 2 d. c. G. E. 45 kw; no day cir; 160 hp. e. Murray; 310 hp. b. Murray.

47 city arcs 6.6 amp; moonlt; coal $1.50

C L S 2 ✠ 25

**CLARK,** 300—Clark Electric Co.; cap. $3,000; no bds.
*Owner, T. R. Morris.............Clark

1 a. c. W. E. 20 kw. 125 v; no day cir; 30 hp. e. (oil) St. Mary's; 35 hp. b.

City cont. 30 incs. 20 c. p. $6 per yr.

C G L S ✠ 44†

**CLAYTON,** 1,000—The Elec. Co. of Missouri. See Webster Groves.

**CLINTON,** 4,992 — Munic. Elec. Lt. Plant; cost $30,000; bds. $21,500.
*Mayor, J. P. Cantrell...........Clinton
Elec. Lt. Comm.
Chrmn. W. B. Calvert "
W. M. Stevens......... "
Clem Kunkler......... "
Ed. Sorter............ "

2 a. c. W. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 325 hp. e. Ideal, Chuse; 250 hp. b. Frost.

97 city Mazdas (8-400 cp, 89-80 cp.) $30 per yr; moonlt; coal $2.20.

D L S 1 3 ✠ 84

**COLE CAMP,** 910—*Intelman & Sterrett.

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; no day cir; 100 hp. b. Frost; 75 hp. e. Frost; 11 hp e. (gas) Monarch.

City cont. 30 tung. 45 w. $15 per yr; 11 P. M; coal $3.

G L S 3 ✠ 74

**COLUMBIA,** 9,662—*Munic. Elec. Lt. & Wtr. Plant, 806 Walnut St.; cost $300,000; bds. $225,000.
Ch. Engr. Marion E. Fawks....Columbia
Engr. Pwr. Sta. Arthur Reid.... "

3 a. c. G. E. West. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Wis; 1200 hp. b. Heine; 1250 hp. turb. (stm.) G. E. West.

900 city incs series; moonlt; 532 incs "White Way"; all nt; coal $2.24.

D L S 3 74

**CONCORDIA,** 1,200—Concordia Elec. Co.
*Mgr. E. M. Runge.............Concordia

L 44†

**DE SOTO,** 4,721—Consumers' Elec. Lt. & Pwr. Co.; cap. $50,000; bds. $30,000, 6 p. c. int.
Pres. Wm. O. Munroe..........Moline, Ill.
*V. Pres., Sec., Treas. & Mgr.
Robt. B. Munroe............... De Soto
Supt. Geo. B. Munroe............... "

1 a. c. Ft. W. 150 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 280 hp. e. Fulton; 150 hp. b. Wangler.

City cont. 221 Mazdas 32 c.p. $13.80 per yr; Phila. moonlt; coal $2.35

L S 1 ✠ 16

**DEXTER,** 2,322—Missouri Public Utilities Co. (Purchased Dexter Elec. Lt. & Pwr. Co.) See Cape Girardeau.

1 a. c. G. E. 60 kw. 1100 v. s. ph. 133 cys; 1 a. c. West. 75 kw. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v; a. c. mo. cir. s. & 3 ph. 133 & 60 cys; 285 hp. e. Atlas, St. Louis, Cor; 160 hp. b. W. & W.

City cont. 12 Mazdas 250 w. $36 per yr; 72 Mazdas 40 w. $14.40 per yr; moonlt; coal $2.90.

L S 1 3 ✠ 75

**EDGERTON,** 534 — Edgerton Lt. & Pwr. Co.

Purchases energy from Smithville Elec. Lt. Plant.

L 34†

**EDINA,** 1,562—Edina Lt. Co.; cap. $10,000.
Pres. R. A. Foresman..........St. Joseph
*¶Sec. Treas. & Mgr. M. C. Hunter..Edina
Engr. Pwr. Sta. E. J. Fulton....... "

2 a. c. West. Ft. W. tot. 150 kw. 1100 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v; 200 hp. e. Allis-C. Ball; 200 hp. b. Smith & Hill, Michaelman; 5-ton ice plant.

City cont. 58 Mazdas 100 & 200 c. p. $24 & $36 per yr; 10 5-lt. posts $60 per post per yr; 15 1-lt. posts $22.80 per yr; moonlt; midnt.; coal $2.

D I L S 1 ✠ 125

**ELDON,** 1,999—Eldon Elec. Lt. Plant.
*Owner & Mgr. N. E. Harvey......Eldon

L 25

**ELDORADO SPRINGS,** 2,503—Missouri Valley Lt. & Pwr. Co.; cap. outstdg $250,000; bds. $44,000 (all assumed by Missouri Gas & Elec. Service Co.)
Pres. & Mgr. Alfred E. Bent
845 Equitable Bldg., Denver, Colo.
Sec. & Treas. A. V. Sickles
Tucumcari, New Mex.
Res. Mgr. John M. Atkinson, Jr.
Eldorado Springs
Engr. Pwr. Sta. Chas Motherby
Eldorado Springs

1 a. c. Allis C. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. b Bates, Cor; 150 hp. e. English.

City cont. 25 arcs 2000 c. p. $75 per yr; mdnt; coal $2.55 & $3.

L S 3 ✠ ★125w

**ELSBERRY,** 1,400—Munic. Elec. Lt. Plant; cost $11,800; bds. $4,500
Comm.
L. W. Crank...............Eisberry
O. B. Cannon............ "
W. B. Ellis.............. "
*Supt. O. E. Tucker............... "
Engr. Pwr. Sta. C. O. Brumagin "

2 a. c. Allis-C, G. E. tot. 100 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 135 hp. e. Brnl, Chuse; 100 hp. b. Brnl.

60 city incs. 60 w. nitro. series 6.6 amp. $12 per yr; moonlt; coal $2.35.

L S 1 ★125

**EXCELSIOR SPRINGS,** 6,000—The Excelsior Springs Wtr., Gas & Elec. Co.; cap. outstg. $500,000; bds. $328,000.
Pres. W. A. J. Bell.............. { Excelsior
*¶V. Pres. & Mgr. } Springs
S. W. Henderson.............. "
Sec. & Treas. J. E. Lundstrum
Colorado Springs, Col.
Audr. W. M. Agin.....Excelsior Springs
Cont. Agt. V. B. Stone.. "
Ch. Engr. Geo. W. Trey "

2 a. c. Allis C. tot. 475 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 300 kw. 250 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 250 v; 950 hp. e Ball, Allis-C; 560 hp. b. Atlas, Kew; also stm. htg.

City cont. 222 incs. "C" 100 c. p. $19.60 per yr; 80 incs. "B" 60 c. p. $15 per yr; 78 Mazdas 25 w. $24 per yr; moonlt. all nt; coal $3.00. (Co. sells energy to Kearney Elec Lt. Co. and also lts. Lawson, Kingston and Polo.)

C D H L S 1 3 ✠ ★16

**FAIRFAX,** 666—Fairfax Lt., Ht. & Pwr. Co.; cap. $50,000.
Pres. A. L. Carter.................Fairfax
V. Pres. E. H. White.............. "
Sec. & Treas. E. C. Whitford..... "
*Mgr. W. A. Groesbeck........... "

Purchases energy from Tarkio Elec. Lt. & Wtr. Co. 6600 v; 1 transf. West; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys.

City cont. 49 series incs. 4 amp. $12 per yr; 11 P. M; moonlt; coal.

D L 1 ✠ 25

**FARMINGTON,** 2,613—Munic. Elec. Lt. Plant; cost $26,000; bds. $25,000.
Clerk, S. F. Isemun...........Farmington
*¶ Supt. C. M. Thomsen..... "
Engrs. { B. H. Wines......... "
Pwr. { Frank Pool.......... "
Sta. { Ed. Dugal........... "

2 a. c. West. tot. 165 kw. 2300-2200-220-110 v. 3 ph. 60 cys; a c. nt. ltg. cir. 50 amp. 100 v. 60 cys; a. c. mo. cir. 15 amp. 220-110 v. s. & 3 ph; 215 hp. e. Erie, Ball; 300 hp. b. O'Br.

141 city incs. 60 c. p. 75 w. $15 per yr; 8 incs. 200 c. p. 250 w. $60 per yr; moonlt; screenings 85 cts.

D L S 1 3 ✠ ★125

**FAYETTE,** 2,586—Fayette Lt., Ice & Coal Co.
*¶ Pres. & Gen. Mgr. J. B. Bell...Fayette
V. Pres. A. W. Bell................ "
Engr. Pwr. Sta. S. W. Brundage.. "

2 a. c. Allis-C, G. E. tot. 250 kw. 2200 v. 3 ph. 60 cys: a. c. day & nt. ltg cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 500 hp. e. Ideal, Allis-C; 300 hp. b. Kew; also ice plant.

City cont. 60 incs. nitrogen & tung; moonlt. all nt: coal $2.25.

D I L S 1 3 ✠ 25

**FERGUSON,** 1,658—The Elec. Co. of Missouri. See Webster Groves.

**FESTUS,** 2,556—Munic. Elec. Lt. Plant; bds. $8,000.
Mayor. P. S. Terry..................Festus
*City Clerk, Cyrus Griffin.......... "

Steam plant.

L S X 75

**FORNFELT,** 1,800 — Missouri Public Utilities Co. See Cape Girardeau.

**FOREST CITY,** 534—Munic. Lt. & Wtr. System.
*¶Mgr. Ch. Engr. & Elecn.
M. R. Martin.....................Oregon

Energy from Oregon; 2 transf. 20 to 60 kw. Westg, G. E.

City cont. 6 incs. 125 w. $12 per per yr; 500 com. incs; coal $2.25.

L X ✠ 44†

**FREDERICKTOWN,** 2,632 — Fredericktown Ice, Lt. & Pwr. Co.; cap. $15,000.
¶Pres. Mgr. Cont. Agt.
& Supt. Earl Gates......Fredericktown
V. Pres. C. L. Gates....... "
*Sec. & Treas. A. J. Boardman "
Engr. Pwr. Sta. R. G. Stevenson "

2 a. c. Warren tot. 100 kw. 1000-100 v. s. ph. 133 cys; no day cir; 170 hp. e. Ham, Cor; 200 hp. b. Atlas.

City cont. 2 arcs $72.50 per yr; 106 incs. 40 c. p. $21 per yr; moonlt; coal, $2.80.

L S 1 ✠ 44†

**FULTON,** 5,228 — Munic. Elec. Lt. & Wtr. Wks.
*Supt. & Ch. Engr.
W. J. McCarroll ...............Fulton
Ch. Elecn. W. H. Corvey.......... "

2 a. c. Bullock tot. 195 kw. 2300-220-110 v. 2 ph. 60 cys; 1 a. c. G. E. 187 kva. direct connected to 275 hp. e. Ham; 375 hp. e. R. T; 300 hp. b. tublr.

20 city arsc; 140 city series tung 60 c. p; moonlt; coal $2.50.

L S 2 ✠ 125

**GALLATIN,** 1,825—Munic. Lt. & Wtr. Wks.; cap. outstg. $13,000.
¶ City Clerk A. McErving.........Gallatin
*Gen. Supt. J. J. A. Carter...... "
Engr. Pwr. Sta. L. E. Carter...... "

2 a. c. G. E. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 210 hp. e. Murray, Williamson; 300 hp. b. Erie City.

120 city Tung. 46 & 100 w. $12 per yr; moonlt; coal $2.75. (Installing new plant which will contain: 1 a. c. G. E. 200 kw; 1 a. c. West. 75 kva. 2200 v. 3 ph. 60 cys; 220 hp. e. (oil) Snow, Diesel.)

D L S 1 3 125

**GILLIAM,** 299—Gilliam Elec. Lt. & Pwr. Co.; cap. $5,000; no bds.
¶ Pres. & Mgr. W. R. Burton .......Gilliam
V. Pres. W. B. Richardson....... "
*Sec. H. C. Deis.................. "
Treas. C. H. D. Leimbrock....... "
Ch. Engr. J M. Frost............ "

1 d. c. W. E. 35 kw. 220 v; pwr. cir. 220 v; 50 hp. e. (gas) Weber.

City cont. 4 arcs A. B. $60 per yr; moonlt; charcoal 57 cts.

C G L ✠ 44†

**GLASGOW,** 1,507—Glasgow Lt. & Wtr. Plant (Munic.); cost $30,000.
Mayor. W. B. Nivert..............Glasgow
Sec. R. E. Turner.................. "
Treas. Myrl Wengler............. "
¶Pur. Agt. A. Blocher ........... "
*Supt. R. L. Blacet.............. "
Ch Engr. Rector Fields ......... "
Engr. Pwr. Sta. William Clark... "

2 a. c. Ridg. G. E. tot. 150 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 110-220 v. s. & 3 ph. 60 cys; 230 hp. e. Ridg; 200 hp. b. Frost, Galesburg.

City cont. 62 incs. "C" 80 c. p. 6.6 amp; moonlt: coal $2.35; (also lts. Steinmetz and Armstrong)

D L S 1 3 ★16

**GRANT CITY,** 1,207—Electric Lt. & Pwr. Co.
Owners { *John Ewing........Grant City
{ W. C. Childers...... "
Engr. Pwr. Sta. G. C. Hartman "

1 a. c. Westg. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 50 hp. e. (oil) F. M. & Co.

City cont. 64 Mazdas, 60 & 150 w. $15 & $24 per yr; moonlt; midnt; oil 4 cts. per gal.

D G L 3 ✢ 114 E

**GREENFIELD,** 1,434—Greenfield Elec. Lt. & Pwr. Co.; cap. outstg. $10,000; cost $19,000.
Pres. Edwin Harrison..........Greenfield
V. Pres. L. J. Griggs.............. "
*¶ Sec. Treas. & Mgr.
F. G. Van Osdell............ "
Engr. Pwr. Sta. Clarence Cooper "

1 a. c. Allis C. 100 kw. 2200 v. 3 ph. 60 cys; 1 rect. Wag. 20 lt; a. c. day (Wed.) & nt. ltg. cir. 110 v; a. c. nt. mo. cir. 2200 v. 3 ph. 60 cys; 215 hp. e. Brnl, Erie; 125 hp. b. English.

City cont. 75 series tung. 100-60-40 w. $24, $18 & $15 per yr; moonlt. all nt; coal $3.05.

D L S 3 ✢ ★125

**HALE,** 587—Citizens Lt., Wtr. & Pwr. Co., Inc.; cap. $2,000; cost $5,000.
* Pres., Sec. & Treas. Fred. Halbauer, Hale
V. Pres. A. J. Herrin................ "

1 d. c. Northn. 40 kw. 125 v; d. c. nt. ltg. cir. 120 v; 40 hp. e. Wright & Adams; 70 hp. b. —.

City cont. 23 series incs; $18 per yr; moonlt. mdnt; coal $2.50.

C L S ✢ 25

**HAMILTON,** 1,761—Hamilton Elec. Lt. Co.; cap. $25,000; no bds.
Owner (Mrs.) Netta L. Clark....Hamilton
*Mgr. & Ch. Engr. W. J. Clark. "

1 d. c. arc Ft. W. 35 lt; 2 d. c. Ed. tot. 40 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; 100 hp. e. Allis C; 250 hp. b. Atlas, Mur; 35 kw. stor. bat. Willard.

C D L S ✢ 125

**HANNIBAL,** 18,341—Munic. Elec. Lt. & Pwr. Plant; cost $182,000; no bds.
* ¶ Mgr. A. M. Nipper..........Hannibal

3 a. c. West. Allis-C. tot. 1600 kva. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2400 hp. e. Allis-C, Ham; 1350 hp. b. Stir. Bab. & W.

450 city Mazdas series 100 & 200 c. p; all nt; coal. (Sells energy to Hannibal Ry. & Elec. Co.)

D L S 3 125

**HARRISONVILLE,** 1,947 — Munic. Elec. Lt. Plant; cost $25.000.
* ¶ Mgr. Lee Spicer.........Harrisonville
Engr. Pwr. Sta. C. J. Hornberger "

2 a. c. G. E. Westg. — kw. 110 v. s. & 3 ph. 60 cys; a. c. day cir. 104 v. (Summer); 225 hp. e. Ide, Ham, Cor; 225 hp. b. Allis-C, Erie.

15 city arcs 1200 c.p; 25—5-lt. & 13—3-lt. posts; 10 cts. per kw; moonlt. mdnt; coal $2.50.

D L S 1 3 ✢ 125

**HERMANN,** 1,592—Hermann Elec. Lt. Co.; cap. auth. & pd. in $8,000.
Pres. Philip Haeffner.......... Hermann
Sec. John C. Woest.............. "
Treas. E. F. Rippstein.......... "
* ¶ Mgr. & Engr. Pwr. Sta.
Aug. Biermann............... "

3 a. c. Ft. W, West, Wagner, tot. 163 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 165 hp. e. Ball, Haberkn, Mur; 200 hp. b. Rohan, Mur.

City cont. 55 tung. 3.5 amp. $19.20 per yr; moonlt; coal $3.

L S 1 ✢ 25

**HIGBEE,** 1,215—Citizens' Elec. Lt. Co.
Pres. H. C. Eubanks..............Higbee
V. Pres. Dr. T. H. Walton........ "
Sec. & Treas. W. J. Bottoms...... "
* Mgr. & Engr.
Pwr. Sta. T. J. Cooper.......... "

1 a. c. Tri. 90 kva. 2300 v. 3. ph. 60 cys; 1 rect. 25 lt; a. c. nt. ltg. cir 110 v. 60 cys; 80 hp. e. Ideal; 100 hp. b. Brnl.

City cont. -- Mazdas 250 c. p. $42 per yr; moonlt. mdnt; coal $2.15

L S 3 125

**HIGGINSVILLE,** 2,628—Munic. Wtr. & Lt. Plant; cost $50,000.
*Mgr. David Riepe..........Higginsville
Ch. Engr. A. Vermillion...... "
Ch. Elecn. Wm. Fahrmier.. "

1 d. c. arc G. E. 50 lt; 3 a. c. Ft. W. West. G. E. tot. 175 kw. 1100-110 v. s. ph. 60 cys; a. c. day cir. 220 v; 185 hp. e. Ide; 250 hp. b. Kew.

59 city arcs 1200 c.p.; 3500 incs. 16 c.p. 10 cts. per kw; moonlt; coal 10.4 cts. per bu.

D L S 1 ✢ 25

**HOLDEN,** 2,007 —* Munic. Elec. Lt. Plant; cost $50,000; bds. $40,000.
¶ Supt. & Ch Elecn. S. P. Piper.....Holden
Engr. Pwr. Sta. C. L. Gibson...... "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. West. tot. 110 kw. 220 v; d. c. nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v; d. c. mo. cir. 220 v; 150 hp. e. Ide, Rice; 250 hp. b. Spring.

Moonlt; coal $3.30.

C L S 3 ✢ 44†

**HOUSTON,** 644—Houston Elec. Lt. & Pwr. Co.
* Mgr. M. G. Coyle..............Houston
Supt. L. M. Wampler ........... "

L 44†

**HUME,** 540—*A. G. White

1 a. c. Elec. Mch. 37½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 40 hp. e. (oil) F. M. & Co.

City cont. 26 incs. "C" tot. $40 per mo; oil tot. $45 per mo.

G L 3 ✢ §115

**HUNTSVILLE,** 2,247—Huntsville Elec. Lt. Plant.
Owner, C. H. Dameron..Baton Rouge, La.
Mgr. G. P. Dameron ..........Huntsville
*¶ Pur. Agt. O. P. Dameron..... "
Engr. Pwr. Sta. Ralph Werntz "

2 a. c. Ft. W. tot. 150 kw. 2300 v. s ph. 60 cys: a c. day & nt. ltg. & mo. cir. 104 v; 230 hp. e. Ham, Cor, St. Louis; 160 hp. b. Frost.

36 city arcs A. B. 2800 c. p. $60 per yr; moonlt: coal $1.60.

D L S 1 ✢ 125

**IBERIA,** 428—Elec. Lt. Co.; cost $2,500.
* Mgr. & Ch. Engr. Pwr. Sta.
John Musick.......................Iberia

1 a. c. G. E.—kw. 1150 v. s. ph. 125 cys; no day cir; 25 hp. e. (gas) Internl.

400 incs. 9 hrs; oil 8.1 cts. per gal.

L S 1 ✢ 125

**ILLMO,** 976—Missouri Public Utilities Co. See Cape Girardeau.

Energy from Cape Girardeau plant.

City cont. 12 "C" 100 w. $36 per yr; 24-40 w. $15 per yr; oil 4 cts; 1 a. m.

L ✢ 75

**INDEPENDENCE,** 9,859 — Munic. Light Plant. Gen. office, City Hall.
*Mgr. & Cont. Agt. Henry Zum Berge,
517 N. Liberty St., Independence
Chief Engr. A. C. Brauer... "
Engrs. Pwr. Sta. { Lou Warren .... "
{ A. Weidner..... "

2 a. c. Allis-C. tot. 850 kw. 2300 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 500 kw. stm. turb. Curtis; 1000 hp. b. Kennicott. Frmn.

395 city lamps series 6.6 amp. $40 per yr; all nt; coal $1.50. (Also lts. Maywood, Bristol. Marion, Englewood, Everston, Fairland Heights and Fairview.)

D L S 1 3 ★125

**IRONTON,** 797—Iron County Elec. Lt. & Pwr. Co. Office, Ironton. (Operated by W. T. McCaskey & Co., Lansing, Mich.)
Pres. E. Holcomb..........Lansing, Mich.
Sec. S. F. Seager.......... "  "
Supt. J. P. Porteus................Ironton
2 a. c. Ft. W. tot. 75 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 110 hp. e. (gas) Seager.
City cont. 30 incs. series 6.6. amp. 80 c. p. $36 per yr; all nt; oil 6.4 cts. per gal. (Also lts. Arcadia and Russellville.)
G L 3 ✠ ★16

**JACKSON,** 2,105 — Munic. Elec. Lt. Plant.
*¶ Pur. Agt. H. H. Mueller........Jackson
Engr. Pwr. Sta. A. A. Firestone.. "
Day ltg. cir.
90 city incs. 60-80 c. p. $1.50 per yr.
D L 114E

**JEFFERSON CITY,** 11,850—Jefferson City Lt. Ht. & Pwr. Co. Gen. office, 101 E. High St. (Part of Illinois Traction System); cap. $200,000; bds. $200,000.
Pres. T. H. Stearns..............St. Louis
Sec. & Treas. W. H. Carnahan, Champaign, Ill.
Mgr. & Gen. Supt. D. W. Snyder, Jr., Jefferson City
3 a. c. G. E. W. E. tot. 900 kw. 2200 v. 2 ph. 60 cys; 2 d. c. G. E. tot. 250 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 500 hp. e. Fulton, Ham. Cor; 920 hp. b. Bab. & W., Oil City, Heine; 500 kw. stm. turb. G. E.
City cont. 175 tung. series 100 c. p. $24 per yr; all nt; coal $3. (Co. sells energy to Jefferson City Bridge & Transit Co.)
C D L S 1 2 ✠ 16

**JOPLIN,** 32,073—The Empire District Elec. Co. Office, 44 Joplin St. (Owns and operates the Consolidated Lt., Pwr. & Ice Co., Joplin Lt., Pwr. & Wtr. Co., Galena Lt. & Pwr. Co., Columbus Elec. Co., Webb City Gas Engine Gen. Plt., and Weir City Lt. & Wtr. Co. and controlling interest in the Webb City & Carterville Gas Co., Carthage Gas Co., The Spring River Pwr. Co., and the Empire Elec. Pwr. Supply Co., Carthage, which see. (Pwr. stas: Lowell, Riverton, Columbus and Weir City, Kans. and Grand Falls, (Joplin), Webb City & Forest Mills, (Carthage), Mo.) (Controlled by the Cities Service Co. and operated by the Doherty Organization, 60 Wall St., New York, N. Y.); cap. $1,003.900 prfd; com. $3,000,000.
Pres. Henry L. Doherty, 60 Wall St. New York, N. Y.
1st V. Pres. Frank W. Frueauff " "
2d V. Pres. A. E. Spencer..........Joplin
Sec. David D. Hoag................ "
*Treas. & Gen. Mgr.
Geo. E. Hayler, Jr. ............. "
¶ Pur. Agt. H. R. Cranford......... "
Audr. H. T. Ledbetter.............. "
Cont. Agt. C. L. Proctor........... "
Supt. G. W. Soathoff................ "
14 a. c. West, G. E. Stanley tot. 31.600 kw. 6600-5500-2300 v. 2 & 3 ph. 60 & 25 cys; 2 d. c. West, G. E, W. E. tot. 1050 kw. 550 v; 1 d. c. arc Brush 125 lts; trans. v. 33,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 2200-220 v. 2 & 3 ph. 60 & 25 cys; d. c. day & nt. mo. cir. 500 v; 11,315 hp. b. Brnl. Stir, Heine. Atlas; 5725 hp. e. West, Porter, Allen, Rus, Ball; 33,500 hp. turb. stm. West. G. E; 1600 hp. e. (gas) Bckye, Rath-J; 7000 hp. wtr. wh. Lef, Trump, DeLav; (includes system of Spring River Pwr. Co.); also ice plant. Purchases energy from Ozark Pwr. & Wtr. Co.; 3 transf. West. tot. 8000 kva.
Coal $2. (Co. serves Joplin, Webb City, Oronogo, Carterville and Carthage, Mo. and Galena, Weir City, Scammon and Columbus, Kans.)
C D G I N S W 2 3 ★36

Munic. Elec. Lt. Plant. (Controlled by Board of Public Wks.); cost $85,000; *Comr. Pub. Utilities
Chas. A. Patterson.............Joplin
¶ Supt. A. J. Foster.................. "
Ch. Engr. B. A. Longacre........... "
Ch. Elecn. C. Sigle.................. "
2 a. c. Bull. G. E. tot. 560 kw. 2300 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 700 hp. e. Ide, Allis-C; 850 hp. b. Bonus.
335 arcs A. B, G. E. 1600 c. p. 6 cts. per kw; moonlt; oil 60 cts. per bbl.
D L S 1 2 ★16w

**KAHOKA,** 1,758—Munic. Wtr. & Lt. Plant; cost $34,000; bds. $11,000.
Mayor, W. B. Sisson.............Kahoka
Clerk, Albert McKee............. "
*Supt. & Engr. Pwr. Sta.
A. H. Frazer..................... "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day (10 A. M.) & nt. (mdnt.) ltg. cir. 110 v; a. c. day (10 A. M.) & nt. (mdnt.) mo. cir. 110 220 v. 3 ph. 60 cys; 140 hp e. Rus; 150 hp. b. Kew.
120 incs. nitro. 80 c. p; 4 nitro. lamps 1000 c. p; mdnt; moonlt; coal $2.40.
D L S 1 ✠ ★16

**KANSAS CITY,** 248,381—Kansas City Elec. Lt. Co. Office, 1500 Grand Ave. (The Kansas City Lt. & Pwr. Co. has been incorporated to take over this property); cap. outstg. $2,100,000.
Pres. —— ——— ..........Kansas City
V. Pres. Frank Hagerman.... "
*Sec. & Treas. J. A. Harder.... "
Gen. Mgr. —— ——— ..... "
¶ Pur. Agt. E. E. Stigall...... "
Gen. Supt. A. N. Richardson.. "
17 d. c. arcs G. E. tot. 2550 lt; 2 a. c. G. E. tot. 3000 kw. 6600-2300-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 2300 v. 25 cys; 5000 hp. e. Allis-C; 3000 hp. b. Bab. & W; 2000 kw. hrs. stor. bat. Elec. Stor. Bat. Co.
City cont. 1300 arcs A. B. enc. 6.6 amp; 500 arcs magn. 4 amp. $55 per yr; 300 incs. 250 c. p. $34 per yr; 68 incs. 100 c. p. $21 per yr; all nt. (Co. also lts. Rosedale, Argentine. Armourdale and Kansas City, Kan., and sells energy to No. Kansas City Lt., Ht. & Pwr. Co.)
C D L S 3 ✠ ★26

**KEARNEY,** 1,000 — Kearney Elec. Lt. Co.; cap. $5,000.
Pres. T. H. Henderson..........Kearney
Sec. Lou Major...................... "
*Mgr. John A. Fby................ "
Purchases energy from Excelsior Springs Wtr. Gas & Elec. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.
Moonlt.
D L X 35E

**KENNETT,** 3,033—Caruthersville & Kennett Elec. Lt. & Pwr. Co. Office, Kennett. Gen. stas. at Caruthersville and Kennett.
Pres. J. S. Wahl...........Caruthersville
V. Pres. H. B. Pankey............Kennett
Sec. H. C. Lewis...........Caruthersville
*¶ Treas., Mgr. & Cont. Agt.
R. C. Rinehart .................Kennett
Ch. Engr. H. A. Freeman........ "
2 a. c. Ft. W. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 350 hp. e. St. L, Cor, Brnl; 500 hp. b. Heine; also 10-ton ice plant, Frick.
City cont. 175 incs. 60 c. p. $13.80 per yr; moonlt; coal $2.65; wood.
D I L S 3 ✠ ★16

**KING CITY,** 1,100—King City Elec. & Mfg. Co.; cap. $8,500.
*Pres. Geo. Ward..................King City
Sec. & Mgr. Harry V. Forest........ "

2 a. c. Wagner tot. 85 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 220 v. s. & 3 ph. 60 cys; 125 hp. e. (oil) St. Marys, D. L. V.

City cont. 57 incs. series 60 c. p. $16.80 per yr; moonlt. midnt; oil 2½-5 cts. per gal.

D G L 1 3 ✠ 14

**KIRKSVILLE,** 6,347—Kirksville Lt. Pwr. & Ice Co.; cap. $66,000; no bds.
Pres. Chas. V. Miller...........Kirksville
V. Pres. Mae Dewitt Hamilton.. "
*¶ Sec. & Mgr. C. J. Baxter.. "
Treas. A. H. Garges............ "
Supt. J. H. Moore............... "
Engrs. { J. C. Mudd........... "
{ J. H. Childers........ "

2 a.c. Bull. tot 365 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 700 hp. e. Allis C, Erie; 500 hp. b. Michaelman, O'Br; also stm. htg. & 20-ton ice plant (Vogt.);

Coal $1.15 to $2.50.

D H I L S 1 2 25

**KIRKWOOD,** 5,000—Munic. Elec. Lt. & Pwr. Plant.
Pres. Bd. Pub. Wks.
E. H. Lycett....................Kirkwood
V. Pres. E. F. B. Jones........ "
*Sec. Dan Coleman.... ........ "
¶Pur. Agt. E. O. Harper....... "
Ch. Engr. Ed. Key............... "

2 a. c. G. E. tot. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 375 hp. e. Harrisburg; 310 hp. b. Brnl., O'Brien.

40 city Mazdas 60 c. p. $12 per yr; 238 Mazdas 32 c. p $12 per yr; moonlt. 1 A M; coal $2.32.

D L S 1 3 ✠ 125

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The Elec. Co. of Missouri. See Webster Groves.

**LA BELL,** 1,017—Munic. Elec. Lt. Plant; cap. $62,000; bds. $10,000.
Mayor, M. M. Lewis...............La Bell
Sec. Chas. F. Smith.............. "
Treas. H. S. Smith............... "
*¶Mgr Cont. Agt. & Engr.
Pwr. Sta. F. S. Ammerman.... "

1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Mur; 150 hp. b. Mur.

25 city arcs; 25 city incs. 10 cts. per kw; moonlt. mdnt; coal $1.65.

L S 3 ✠ 75

**LACLEDE,** 740—Laclede Elec. Lt. Co. Cap. $5.000.
Pres. A. J. Caywood...............Laclede
V. Pres. E. B. Allen............... "
*¶Sec. & Mgr. P.W. Markham.Brookfield

Purchases energy from Brookfield Elec. Lt. Co.; day & nt. ltg. cir. 110 v. 60 cys. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 16 incs. 40 w. $18 per yr; mdnt.

D L 1 125

**LA GRANGE,** 1,360—Munic. Elec. Lt. Plant; cost $8,000; no bds.
Mayor (Mgr.), C. C. Crouch...La Grange
City Clerk, C. A. Bozarth..... "
Treas. G. R. Davis.............. "
Audr. W. J. McPike..... .. "
*Gen. Supt. & Ch. Engr.
O. H. Burnett................ "

1 a.c. Ft. W. 37½ kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys.

80 city tung. 80 c.p. $7.80 per yr; mdnt; coal $1.90.

L S 1 ★125

**LAMAR,** 2,316—Munic. Wtr. & Elec. Plant: bds. $66,000.
Utility { *Mayor Thos. Egger, Chm. Lamar
Com. { Sec. J. R. McKibben...... "
¶ Supt. Chas. B. Hall.............. "
Engrs. { Leon Horn............. "
Pwr. Sta. { John Horn.............. "

2 a. c. Allis-C. tot. 225 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 208 v. s. ph. 60 cys; 300 hp. e. Wis, Allis-C; 300 hp. b. Frmn., Racine.

City cont. 210 series Mazdas 60 w; moonlt; coal $2.15.

D L S 1 3 ✠ 14

**LANCASTER,** 964—Munic. Lt. & Pwr. Plant: cost $9,000; bds. $3,000.
*Village Pres. C. W. Bunch.....Lancaster
¶ Sec. & Cont. Agt.
John A. Roberts ............ "
Treas. E. H. Roberts..... .... "
Supt. S. Turner................ "
Engr. Pwr. Sta. Elmer Turner "

1 d. c. West. 70 kw. 220 v; no day cir; 125 hp. e. Mur; 120 hp. b. Mur.

4 city arcs 2000 c. p. 32 incs. 32 c. p. 12½ cts. per kw; 12.30 P.M; coal $2.15.

C L S ✠ 73

**LA PLATA,** 1,805—La Plata Lt., Ht. & Ice Co. (In Dec. 1915, Donald Earl Bent purchased and assumed management of this property); cap. $25,000; bds. $12,500.
Pres. D. F. Foote.....El Dorado Springs
V. Pres. F. K. Harris........Kansas City
Sec. & Treas. F.C.Sickles..Denver, Colo.
Engr. Pwr. Sta. F. R. Cutler ....La Plata

2 d. c. G. E. West. tot. 90 amp. 220 v; d. c. day (in summer) & nt. ltg. & mo. cir. 220 v; 175 hp. e. Ham, Cor, Ideal; 200 hp. b. Atlas.

City cont. 100 Mazdas 40 w. $19.20 per yr; all nt; coal $1.80.

C D L S ✠ ★125W

**LATHROP,** 1,038—Plattsburg Lt. & Pwr. Co. See Plattsburg.

**LEBANON,** 2,430—Munic. Lt. & Wtr. Co.; cost $25,000. bds. $20,000.
¶ Mayor, E. F. Stebbins..........Lebanon
Clerk T. B. Burley............... "
Treas. Dean M. Martin........... "
*Supt. & Engr. Pwr. Sta.
W. C. Brown...................... "

2 a. c. Westg. tot. 125 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 300 hp. b. Brnl.

190 city tung. series; coal.

D L S 3 75

**LEWISTOWN,** 405—Lewistown Mill & Elec. Lt. Plant; cap. $7,500.
*Supt. J. S. Heavenridge......Lewistown

1 d. c. Ft. W. 40 kw. 250 v; d. c. nt. ltg. cir. 220 v; — hp. e. Brnl; 90 hp. b. Michlmn.

City cont. 32 carbon 32-50 c. p. $12 per yr; moonlt; coal $1.25.

C L S ✠ 74

**LEXINGTON,** 5,242—Missouri Gas & Elec. Service Co. Office, Lexington. (Operates plants in Marshall, Lexington, Richmond and Liberty; transmn. lines to Hardin, Henrietta, Orrick and Camden) (A subsidiary of the Middle West Utilities Co.)
Pres. John F. Gilchrist...... Chicago, Ill.
V. Pres. Howard L. Olds.... " "
Sec. & Treas. R. W. Waite.. " "
*¶ Asst. Treas. Worth Bates....Lexington
Engr. Pwr. Sta. F. M. Curtis.. "

2 a. c. G. E. tot. 562 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 650 hp. e. Ironton, Ball; 550 hp. b. Atlas, Ball.

City cont. 133 type "C" incs. 100 c. p. $27 per yr; all nt; coal $1.85.

D L S 1 3 ✠ ★16

**LIBERAL,** 880—Liberal Mutual Telep. Co.; cap. $7,200; no bds.
Pres. Luther Lipscomb..............Liberal
V. Pres. T. R. Palmer.............. "
*¶Sec. & Mgr. G. H. Dixson...... "
Treas. J. G. Todd................. "
2 d. c. F. M. & Co. 42½ kw. 110 v; d. c. nt. ltg. cir. 110 v; 45 hp. e. (oil) F. M. & Co.
City cont. 32 Mazdas 60 w. $18 per yr; all nt; oil 2 cts. per gal.
C G L ✠ 125

**LIBERTY,** 2,980—Liberty Elec. Lt. & Pwr. Co.; cap. $50,000.
¶ Pres. & Mgr. R. G. Lafite.......Liberty
V. Pres. A. G. Lafite............... "
*Sec. & Supt. I. W. Roberts....... "
Engr. Pwr. Sta. Chas. Huffman.. "
2 a. c. Allis C. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 400 hp. e. Ham, Cor; 400 hp. b. Kew.
City cont. 104 incs. series 6.6 amp. 80 & 200 c. p. $31.80 & $66 per yr; coal $1.10.
D L S 1 3 ✠ 44†

Missouri Gas & Elec. Service Co. For officers, see Lexington.
Mgr. F. W. Bullock................Liberty
Engr. Pwr. Sta. D. L. Cady....... "
2 a. c. Allis-C. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo. cir. 106 v. s. & 3 ph. 60 cys; 325 hp. e: 345 hp. b. Kew.
City cont. 116 incs. 80-250 w; coal.
D L S 1 3 ✠ ★16

**LINN CREEK,** 435—Linn Creek Lt. & Pwr. Plant.
*¶ Pres. & Mgr. Geo. C. Moulder,
Linn Creek
1 a.c. G. E. 45 kw. 1100 v. s. ph. 125 cys; 1 d. c. Watson 10 kw. 125 v; a. c. nt. ltg. cir. 110 v; d. c. mo. cir. 125 v: 100 hp. e. (gas) Weber; 100 hp. gas pro. Weber.
City cont. 50 tung. 40 w. $6 per yr; 10 P. M; bark $1.25 per load.
C G L 1 ✠ 113

**LOUISIANA,** 4,454—Louisiana Lt. Pwr. & Trac. Co; cap. outstdg. $200,000.
Pres. D. H. Harts, Jr.........Lincoln, Ill.
Sec. & Treas. A. T. Hudelson..Louisiana
*¶Mgr. & Cont. Agt. Abe Vogel "
Ch. Engr. Chas. Keeler......... "
2 a. c. Allis-C. tot. 490 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 200 v. s. & 3 ph. 60 cys; 440 hp. e. Murray, Porter A; 545 hp. b. Murray, Hamilton, Cor.
City cont. 115 incs. "C" 6.6 amp. series 60 & 100 c. p. $1.75 & $2.25 per mo; 48 "white way" 3-lt. posts 60 & 40 w. $1.80 per mo; all nt; coa $1.72. (Co. also sells energy to Bowling Green.)
D L S 1 3 ✠ 125

**MACON,** 3,548—Munic. Elec. Lt. & Wtr. Wks; bds. $23,500.
*Mgr. C. F. Thudium...............Macon
2 a. c. West. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 700 hp. e. Mur, Todd; 750 hp. b. Murray.
120 city incs. series 80-150 w; moonlt; coal $1.40. (Sells energy in bulk to Bevier and Callao.)
D L S 1 3 16

**MAITLAND,** 736—Maitland Elec. Lt. & Pwr. Plant; cost $15,000.
Mgr. R. C. Bohart...............Maitland
*Engr. Pwr. Sta. A. C. Rozell .. "
1 a. c. West. 50 kw. 2200-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 20 amp. 110 v. s. ph. 60 cys; 65 hp. e. (gas) Munzell; 75 hp. gas. pro. Mnpls.
City cont. 39 incs. 51 w. $12 per yr; comml. ltg. 15 cts. per kw; mdnt; coal $8.
G L 1 34†

**MALDEN,** 2,116—Munic. Elec. Lt. Plant; cost $8,000.
*Clerk, M. B Rayburn.............Malden
Ch. Elecn. M. Wiegle ............ "
1 a. c. T-H. 60 kw. 1040-104 v. s. ph. 125 cys; 100 hp. e. Rus; 100 hp. b. W. & W.
5 com. arcs 2000 c.p. $72 per yr; 700 com. incs. 16 c.p. $6 per yr; coal $2.
L S 1 ✠ 34†

**MAPLEWOOD,** 5,000—The Elec. Co. of Missouri. See Webster Groves.

**MARCELINE,** 3,920—Munic. Elec. Lt. Plant. (Leased Marceline Elec. Lt. Plant.)
*Mayor, E. D. Haldeman.......Marceline
Supt. L. A. Nickell............. "
2 a. c. G. E. tot. 162½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220-440v; 350 hp. e. Mur; 300 hp. b. Mur.
120 city incs. series 60 w.; coal $2.90 & $7.85. (Sells energy in bulk to Bucklin Lt. & Pwr. Co.)
D G L S 3 125†

**MARIONVILLE,** 1,800—Lawrence County Wtr., Lt. & Cold Storage Co. See Aurora.

**MARSHALL,** 4,869—Missouri Gas & Elec. Service Co. For executive officers, see Lexington.
Mgr. C. C. Barnard..................Marshall
Engr. Pwr. Sta. B. F. Parks..... "
3 a. c. G. E, West. tot. 650 kw. 1100-2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s, 2 & 3 ph. 60 cys; 825 hp. e. Harrisbg., Ham, Chuse; 414 hp. b. Bab. & W, Sterling.
City cont. 44 arcs A. C. 6.6 amp; 65 incs. series 80 c. p; moonlt.; coal $1.85.
D L S 1 2 3 ✠ 16

**MARSHFIELD,** 1,193—Marshfield Elec. Co.: cap. $10,000.
Pres. J. L. Briggs......................Joplin
V. Pres. R. C. Florence........Marshfield
*¶Sec. Treas. & Cont. Agt.
Jno. E. Hosmer............... "
Engr. Pwr. Sta. W. R. Potter.. "
1 a. c. Westg. 50 kw. 2200 v. s. ph. 60 cys; a c. day (one day a week) & nt. ltg. cir. 110 v; 225 hp. b. ——; 70 hp. e. Murray, Cor.; also ice plant.
City cont. 53 incs. series 3.5 amp. 32 c. p. $14.40 per yr; moonlt; wood $2.25.
D I L S 1 ✠ 75

**MARYVILLE,** 4,762—Maryville Elec. Lt. & Pwr. Co.: cap. $35,000: bds. $34,500.
Pres. & Treas. Richard Kuchs..Maryville
V. Pres. N. N. Tracy
15 N. 6th St., St. Louis
*Sec. & Mgr. Chas. C. Hellmers. Maryville
Supt. E. M. Dragoo.............. "
Ch. Engr. W. Dusenberry ...... "
3 a. c. G. E. tot. 350 kw. 2200 v. 3 ph. 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. St. L, Erie; 120 hp. e. (gas) Otto; 120 hp. gas. pro. Otto; 600 hp. b. Bab. & W, Stir; also stm. htg.
City cont. 15 incs. series 6.6 amp. 40 w. $10 per year; 160 series incs. 6.6 amp. 100 w. $15 per yr; all nt; moonlt; 72 5-lt. ornamental posts (1 100-w. all nt; 4 40-w. 11 P. M.) $30 per yr; coal $2.95. (Also lts. Pickering.)
D G H L S 1 3 ✠ 125

**MAYSVILLE,** 1,051—De Kalb County Elec. Co.; cap. auth. $10,000.
Pres. E. A. Bunton..............Maysville
*Sec. W. T. Wingate........... "
Treas. O. W. Iden............... "
Supt. & Elecn. ——— ——— "
Engr. Pwr. Sta. Geo. Brissey... "

1 a. c. West. 75 kw. 2300-110 v. s. ph. 60 cys; 125 hp. e. Monarch, Cor; 125 hp. b. Kew.

City cont 32 incs. 60 c. p. and 5 incs. 100 c. p. $75 per mo; com. incs. 10 cts. per kw; moonlt. mdnt; coal $2.90.

L S 1 25†

**MEMPHIS,** 1,984—Memphis Elec. Lt., Heat & Pwr. Co.; cap. $10,000; bds. $2,500.

Pres. R. M. Barnes.............Memphis
V. Pres. E. Scofield............. "
Sec. & Treas. Geo. H. Lawton, Jr. "
*¶Mgr. & Supt. S. H. Craig...... "
Engr. Pwr. Sta. H. C. Powers..... "

1 d. c. arc G. E. 45 lt; 2 d. c. G. E. tot. 110 kw. 110 v; no day cir; 150 hp. e. Sknr; 230 hp. b. Murray, Frmn.

City cont. 21 enc. arcs $60 per yr; 10 incs. tant. 40 w. $9.60 per yr; coal $3.

C L S ✠ 125

**MEXICO,** 5,939—Mexico Pwr. Co; cap. $213,000; bds. $221,000.

Pres. S. M. Locke.................Mexico
Sec. J. J. Steele................... "
Treas. P. E. Locke................. "
*¶Mgr. & Cont. Agt. E. R. Locke. "
Supt. S. J. Duncan................. "
Engr. Pwr. Sta. J. M. Dyke......... "

2 a. c. Bull, G. E. tot. 430 kw. 1100 v. 2 ph. 60 cys; trans. volt 16,500 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v; 800 hp. e. Ham, Cor; 1000 hp. b. O'Br, Heine; stm htg.

City cont. 250 incs. 60 cp. series 6.6 amp. and 9 incs. 600 cp. series 6.6 amp. tot. $4,100 per yr; moonlt. all nt; slack. (Co. sells energy in bulk to City of Centralia.)

D H L S 2 3 ✠ 125

**MILAN,** 2,191 — Munic. Lt. & Pwr. Plant; cost $18,000.

Mayor, W. C. Burwell..............Milan
Sec. W. H. Childers................ "
Treas. A. D. Campbell.............. "
*Mgr., & Ch. Engr. Geo. Mann ..... "
¶Audrs. & Cont. Agts.
C. P. Sorrel............ "
A. C. Boyd............ "
Engrs. Pwr. Sta.
C. Johnson.... ...... "
I. B. Dodson.......... "

2 a. c. G. E. tot. 112 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 205 hp. e. Murray, Cor; 160 hp. b. Kewanee.

125 city Mazdas 100 w. $9 per yr; all nt; screenings $1.50.

D L S 1 3 25

**MOBERLY,** 10,923 — Moberly Lt. & Pwr. Co.; cap. $300,000.

Pres. T. F. Fulkerson........... Moberly
V. Pres. H. L. Elkins...........Phila., Pa.
Sec. R. S. Smythe............. "
Treas. Wm. M. Measey..........Moberly
Audr. W. I. Martin.............. "
*¶Mgr. & Cont. Agt.
J. C. Reighard..................... "
Engr. Pwr. Sta. Wm. Steele....... "

3 a. c. Allis-C, tot. 1400 kw. 2300 v. 2 ph. 60 cys; 2 G. E. rect. tot. 150 lt; a. c. day & nt ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 1500 hp. e. Allis-C; 750 hp. b. Bab. & W.

City cont. 105 arcs G. E. magn. 4 amp. $55 per yr; 2 incs. 80 c. p. $18 per yr; moonlt; coal $2.10.

D L S 2 ✠ ★16

**MONETT,** 6,000 — Munic. Lt. & Wtr. Plant; cost $125,000; bds. $53,000.

Mayor Patrick Martin..............Monett
*City Clk. J. L. Hobbs.............. "
Engrs. Pwr. Sta.
C. C. Rice .............. "
Ross Agan............. "
A. Agan............... "
E. E. Dennis.......... "

2 a. c. Ft. Wayne tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-2300 v. s. & 3 ph. 60 cys; 400 hp. e. Ideal; 375 hp. b. Erie.

15 city arcs Mogul 600 c. p. 6.6 amp; 125 Mazdas 6.6 amp; all nt; coal $2.70.

D L S 1 3 ★125

**MONROE CITY,** 1,949—Munic. Elec. Lt., Pwr. & Wtr. Plant; bds. $78,000.

Mayor, J. S. Scott...........Monroe City
Clerk, Geo. W. Tompkins.... "
Treas. W. A. Patterson....... "
*Supt. O. R. Emerson........ "

2 a. c. Ft. W. tot. 160 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Chuse; 350 hp. b.——.

47 tung. series 250 c. p; all nt; coal $2.40; (also lts. Hunnewell.)

D L S 3 125

**MONTGOMERY CITY,** 2,123—Montgomery Ice & Elec. Co.

*Owner, E. H. Algermissen
Montgomery City

2 d. c. Wood, C-W. 82 kw. 250 v; day & nt. ltg. & mo. cir. 220 v; 185 hp. e. Ham-Cor. Ideal; 180 hp. b. O'Br, Nooter; also 10-ton ice plant (Frick).

City cont. 70 series tung. 40 w. 32 c. p. $19.20 per yr; all nt; coal $2.

C D I L S ✠ 125

**MOREHOUSE,** 1,636—Missouri Public Utilities Co. See Cape Girardeau.

**MOUND CITY,** 1,575—Mound City Elec. Lt. & Ice Co.; cap. $25,000; bds. $10,000.

Pres. & Mgr. E. M. Miller....Mound City
V. Pres. Geo. W. Meyer...... "
Sec. & Treas. R. E. Decker.. "
*¶Gen. Supt. R. W. Neill.... "
Ch. Engr. Pwr. Sta.
F. B. Carman................. "

2 a. c. West., Allis-C. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. or 3 ph. 60 cys; 200 hp. e. St. L, Mur; 200 hp. b. Frmn; also 10-ton ice plant (Carbondale).

City cont. 80 multiple incs. 60 w. $12 per yr; moonlt; coal $3.15. (Co. also lts. Bigelow, Craig, Fortescue, Maitland, Graham and Skidmore, Mo. and Rulo, Nebr.)

D I L S 1 3 ✠ 16

**MOUNTAIN GROVE,** 1,722—Mountain Grove Ice & Elec. Co.

Pres. H. E. Stiff. .....Mountain Grove
Treas. J. A. Chase........ " "
*Sec. & Mgr.
Chas. B. Walker........ " "

2 d. c. West. 90 kw. 125-250 v; d. c. day & nt. ltg. cir. 104-112 v; 135 hp. e. Rus; 325 hp. b. C. & H. Sterling; also refrig. and 24 ton ice plant (York).

City cont. 45 Mazdas 60 w. 12½ cts. per kw; moonlt; coal $3.70.

C D I L S ✠ 16

**MT. VERNON,** 1,161—Munic. Water & Elec. Lt. Plant; cost $19,000.

*Treas. Thos. E. Shriver......Mt. Vernon
¶Supt. & Engr. Pwr. Sta.
Albert C. Meyer............ "

2 a. c. Warren Ft. W. tot. 130 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 130 hp. e. Brnl, Harris; 100 hp. b. Brnl.

70 street series Mazdas 60 w; mdnt; coal $2.15 & $2.75.

L S 1 ✠ 74

**NEOSHO,** 3,661—Neosho Elec. Lt. Co. (Controlled by Cities Service Co., 60 Wall St., New York, N. Y.); cap. $20,000; no bds.

*Pres. Treas. & Mgr.
Geo. E. Hayler, Jr................Joplin
V. Pres. A. E. Spencer.............. "
Andr. H. T. Ledbetter............ "
¶Pur. Agt. H. R. Cranford ......... "
Local Supt. M. G. Fristoe ........Neosho

Energy purchased from Ozark Pwr. & Wtr. Co; 3 transf. G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 208 v. 2 ph. 60 cys.

City cont. 4 d. c. series arcs A. B. 450 w. $72 per yr; 41 tung. 50 w. $15 per yr; all nt.

D L 2 ✣ ★16

**NEVADA,** 7,176—The Ft. Scott & Nevada Lt., Ht., Wtr. & Pwr. Co. Office, Ft. Scott, Kans. (Succeeded the Gunn Pipe Co. (which bought outright The Central Gas Co.) and also purchased the Nevada Lt., Ht., Wtr. & Pwr. Co., which was formerly Nevada Wtr., Lt. & Trac. Co.) Controlled by the Ohio & Western Utilities Co. and operated by the National Utilities Co. of Boston. Cap. $800 000; bds. $450,000.

Pres. W. C. Gunn........Ft. Scott, Kans.
V. Pres. W .R. Gunn.... " "
Sec. Harry L. Wood..... " "
Treas. A. W. Brooks..... Boston, Mass.
¶ Audr. Harry B. Ivers, 158 Summer St. " "
Gen. Mgr. J. F. Schaefer, Jr......Nevada
Engr. Pwr. Sta. O. Cook.......... "

2 d. c. Westg, T. H. tot. 200 kw. 550 v; 3 a. c. Westg, Allis-C. tot. 200 kw. 2200 v. 3 ph. 60 cys; d. c. pwr. cir. 500 v; a. c. day & nt. ltg. & mo. cir. 220-110 v. s. ph. 60 cys; 720 hp.e. Ide, Bckye, R. & S; 610 hp. b. Brnl, Erie.

City cont. 94 nitro. lamps 400 c. p. $55 per yr; all nt; coal $2.55. (Co. also lts. Deerfield and Ft. Scott and Moran and Bronson, Kans.)

C D R S 1 3 ★16

**NEW HAMPTON,** 261—New Hampton Lt. & Pwr. Co.

Purchases energy from City of Bethany.

L §125†

**NEW LONDON,** 942—New London Elec. & Ice Co.

*Owner, J. J. Ross..........New London
Engr. Pwr. Sta. J. J. Elliott "

1 a. c. Elec. Mch. 25 kva. 1100 v. 3 ph. 133 cys; a. c. day & nt. ltg. & mo. cir. 112 v. s. ph. 60 cys; 40 hp. e. Engberg; 100 hp. b. Spfg; 4-ton ice plant.

City cont. 33 incs. mult. 60 w. $12 per yr; all nt; coal $2.10.

D I L S 1 3 ✣ 74

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North Missouri Lt. & Pwr. Co.; no bds.

Pres. M. J. Jones..............Frankford
V. Pres. E. W. Keithley............Center
Sec. & Treas. J. D Smith..New London
*¶ Mgr. & Gen. Supt. S. F. Caldwell............. "

Purchases energy from Mississippi River Power Co.; trans. volt. 33,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110-220-440-2200 v. s. & 3 ph. 25 cys.

City cont. 100 incs. type "C" $16 per yr; all nt. (Co. also lts. Frankford, Center and Perry.)

D L 1 3 ✣ 25

**NEW MADRID,** 1,489—New Madrid Lt., Ht. & Pwr. Plant; cost $15,000.

*¶Owner Harry B. Day........Sidney, Ia.
Mgr. & Engr. R. H. Hatcher..New Madrid

2 d. c. Wagner, Bar. 85 kw. 220 v; d. c. nt. ltg. cir. 220 v; 140 hp. e. Chuse; 120 hp. b. Gem City, O'Br.

Moonlt; all nt; coal $4; wood $3; sawdust 50 cts.

C L S ✣ 11

**NORBORNE,** 1,241 — Norborne Fuel, Ice & Lt. Co.; cost $35,000.

Pres. J. W. Cunningham...........Hardin
*¶Sec., Treas., Mgr. & Cont. Agt. F. S. Cunningham............Norborne
Engrs. Pwr. Sta. Walter Summers...Norborne
Engrs. Pwr. Sta. J. B. Metz........... "
Engrs. Pwr. Sta. A. A. Shore......... "

2 d.c. W. E. tot. 75 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 170 hp. e. Allis-C, Am; 170 hp. b. Kew; also 15-ton ice plant D. L. V., Vogt.

City cont. 60 Mazdas 100 w. $27 per yr; mdnt; oil 2.19 cts. per gal.

C D I L S ✣ 25

**NORTH KANSAS,** 500—North Kansas City Lt., Ht. & Pwr. Co; cap. $50,000.

Pres. F. W. Pratt.......... 730 Midland Bldg.. Kansas City
¶Sec. & Treas. Hugh J. Curran........... 730 Midland Bldg.. Kansas City
*Supt. J. W. McLendon..No. Kansas City

Purchases power from the Kansas City Elec. Lt. Co; trans. v. 6600-2300 v. 3 ph. 25-60 cys; 2 freq. chang. G. E. tot. 225 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 25 cys.

City cont. 44 incs. series 6.6. amp.

D L 3 125

**NOVINGER,** 1,711—Merchants Lt. & Pwr. Co; cost $6,000.

Owners L. A. Nickell.........Novinger
Owners *Mgr. J. F. Duncan... "
Engr. Pwr. Sta. Rob't Bell...... "

1 d. c. Ed. 45 kw. 250 v; d. c. nt. ltg. cir. 230 v. 75 hp. e. Ide; 150 hp. b. McDonnell (Des Moines, Ia.).

City cont. 21 incs. 100 w. $21 per yr; midnt; coal 35 cts. per ton.

C L S ✣ 75

**ODESSA,** 1,531—Munic. Lt. Plant; cost $15,000.

*¶ Mgr. J. G. Lightner............Odessa
Supt. Luther Stanfield............. "

2 d.c. G.E, W. E. 60 kw. 220 v; d. c. day & nt. (mdnt.) ltg. & mo. cir. cir. 220 v; 150 hp. e. Baldwin, Rus; 100 hp. b. Gem City, Kewanee.

105 city Mazdas 100 w. tot. $75 per mo; coal $3.50.

C D L S ✣ 125

**ORAN,** 1,023—Scott County Milling Co. Main office, Sikeston; cap. stk. $124,000; no bds.

Pres. W. C. Bowman........... Sikeston
V. Pres. C. D. Matthews, Jr. .... "
Sec. L. R. Bowman.............. "
*¶ Treas. & Mgr. M. Q. Tanner.. "
Engr. Pwr. Sta. C. H. Ables..........Oran
Elecn. C. H. Daniels.................. "

2 d. c. West. tot. 45 kw. 250 v; d. c. day & nt. ltg. cir. 100 amp. 220 v; d. c. mo. cir; —hp. e. St. L; 200 hp. b. Brnl.

City cont. 25 incs. 32 c. p. $18 per yr; all nt. moonlt; coal $2.15: wood $1.90.

C D L S ✣ ★125

**OREGON,** 1,002 — Munic. Lt. & Wtr. Plant; cost $35,000; bds. issued $28,000; outstg. $22,000.

*¶Supt. M. R. Martin..............Oregon
Ch. Engr. O. M. Coll........ "

2 a. c. F. M. & Co. 112½ kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 150 hp. e. (gas) F. M. & Co.

200 city incs. nitrogens 80 w. $12 per yr; moonlt; oil 2 cts. per gal.

(Sells energy to Forest City.)

D G L 1 ✣ 75

**ORONGO,** 1,912—The Empire District Elec. Co. See Joplin.

a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 110 220 v. s. ph. 25 cys.

D L 1 36

**OSCEOLA,** 1,114—Osceola Lt. & Wtr. Co.; cap. $25,000; bds. $15,000.

Pres. & Treas. C. R. Hunt........Osceola
V. Pres. E. C. Hunt.............. "

Sec. A. W. Burton..............Kansas City
*Supt. C, R. Vincent..............Osceola
1 a. c. Elec. Mch. 50 kw. 2300 v. 3 ph. 60 cys; 9 transf. Westg. 28 kw; a. c. nt. ltg. cir. 110 v. 60 cys; 47 hp.e. Buffalo; 60 hp.b.
Coal $2.75.
L S 3 ✠ 26

**OWENSVILLE,** 677—Owensville Elec. Lt. Co.; cap. $5,000.
*Owners, Helling Bros.........Owensville
Mgrs. & Ch. Engr.
Simon & Frank Helling....... "
1 d. c. Rochester 25 kw. 250 v; d. c. nt. ltg. cir. 220-110 v; 35 hp. e. Brnl; 35 hp. b. Brnl.
City cont. 39 Mazdas 40 w. $14 per yr; moonlt; coal $1.60.
C L S ✠ 113

**OZARK,** 813—Water Power Light Co; cap. $20,000; bds. $20,000.
*Pres. J. A. Robertson...............Ozark
V. Pres. Jessie M. Bronson........ "
¶ Sec., Treas., Mgr. & Cont. Agt.
S. E. Bronson......................... "
Ch. Engr. Levi Handy................ "
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; 2 d. c. W. E., Tri. tot. 20 kw. 110 v; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 200 v. 65 hp. e. Taylor; 100 hp. b. Brnl; 100 hp. turb. (wtr.); Leffel.
City cont. 38 incs. 60 w. $38 per yr; moonlt; coal $2.25.
C D L S W 3 ✠ 93

**PACIFIC,** 1,418—The Electric Co. of Missouri. For executive officers see Webster Groves.
Local Mgr. W. M. Thomas..........Pacific
Energy purchased from Koppitz-Smith Milling Co.; 1 a. c. G. E, 50 kw. 220-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
City cont. 51 Mazdas series 60 c. p. $18 per yr; all nt.
D L 1 ✠ 45

**PALMYRA,** 2,168—Munic. Elec. Lt. & Wtr. Plant; bds. $35,000.
*City Clerk, Howard Smith......Palmyra
Mgr. Chas. W. Retti................ "
1 a. c. G. E. 150 kw. 3 ph. 60 cys; day & nt. service; 150-hp. e. Ham, Cor; 200 hp. b. Kew.
City cont., moonlt. mdnt.
D L S 3 74w

**PARIS,** 1,474—Munic. Elec. Lt. & Wtr. Wks; cost $21,000; bds. $5,000.
Mayor, C. G. Goetz....................Paris
Treas. Chas. P. Burnett.............. "
*¶Mgr. & Cont. Agt. Geo. C. Blakey "
2 a. c. G. E. 310 kw. 1140 v. s. ph. 60 cys; a. c. ltg. cir. 110 v.; 185 hp. e. Murray; 200 hp. b. Spgf.
29 city arcs 1200 c.p; 20 city Mazdas 60 w; all nt; coal $2.74.
L S 1 125

**PARMA,** 425—McMullin Lt. & Pwr. Plant; cap. $4,000.
*Owner Jas. McMullin.................Parma
1 d. c. Tri. 25 kw. 125 v; no day cir; d. c. nt. ltg. cir. 108-110 v; 35 hp. e. (gas) Seager.
City cont. 20 tung. $1 per mo; 11 P. M. during winter mos; wood $2.25.
C G L ✠ 25

**PERRY,** 895—No. Missouri Lt. & Pwr. Co. See New London.

**PERRYVILLE,** 2,300—Perry County Public Utilities Co.; cap. outstg. $20,000; bds. $20,000.
Pres. Judson H. Boughton
Pierce Bldg.........................St. Louis
V. Pres. Wm. C. Morehead....... "
Sec. & Treas. H. Leland Lowe... "
¶ Gen. Mgrs.
National Lt. & Pwr. Co......... "
*Res. Mgr. J. V. Nichaus.........Perryville
1 a c. 75 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 130 hp.e. Ball; 125 hp. b. H. S. & G.
City cont. 35 Mazdas 60 c.p. $35 per yr; all nt; coal $1.85.
D L S 3 ✠ 125

**PIERCE CITY,** 2,043—Munic. Elec. Lt. Plant; bds. $11,000.
Mayor, W. A. Raupp...........Pierce City
City Clerk, F. M. Gillen............. "
*¶Mgr. & Cont. Agt. Theo. Roesch.. "
1 a. c. West. 150 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 25 amp. 104 v; 225 hp. e. Straight L.; 120 hp. b. F. M. & Co.
152 mazdas 100 w; all nt; coal $2.54.
D L S 1 ✠ 125

**PLATTE CITY,** 763—Platte City Elec. Lt. & Pwr. Co.
*Owner & Mgr. Smith Clemings
Platte City
1 a. c. G. E. 60 kw. 1040 v. s. ph. 60 cys; a. c. nt. (mdnt. and 6 A.M. to dawn) ltg. cir. 110 v. 60 cys; 125 hp. e. Cor; 100 hp. b.
City cont. 28 incs. 60 w. $15 per yr; mdnt; moonlt; coal $2.15.
L S 3 ✠ 125

**PLATTSBURG,** 2,000—Plattsburg Lt. & Pwr. Co.; cap. $40,000; no bds.
Pres. Joel Funkhouser.......Plattsburg
Sec. & Treas. Claude Funkhouser "
*Supt. W. A. Rogers........... "
Engrs. { Ed. J. Devall.......... "
Pwr. Sta. { James Sims.......... "
2 a. c. G.E. West. tot. 200 kw. 2300 v. 3 ph. 60 cys; 1 rectifier G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 250 hp. e. Allis-C; 205 hp. b. Erie.
City cont. 36 arcs G.E. magn. 4 amp. $60 per yr; 7 tung. 75 w. $18 per yr; moonlt. mdnt; slack $2.60. (Co. also lts. Lathrop and Gower.)
D L S 1 3 25

**POPLAR BLUFF,** 6,916 — Missouri Public Utilities Co. For executive officers, see Cape Girardeau.
Local Mgr. F. M. Wilkes....Poplar Bluff
Engr. Pwr. Sta. T. G. Van Sant " "
3 a. c. G. E. tot. 1500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys; 400 hp. e. Green, Whlk, Ham, Cor; 500 hp b. Atlas.
City cont. 69 arcs G. E. magn. 4.4 amp. $60 per yr; moonlt; coal $2.35.
D L S 3 ✠ 75

**PRINCETON,** 1,385 — Munic. Elec. Lt. Plant; cost $19,000; bds. $10,000.
*Mayor, E. R. Castell ..........Princeton
Clerk, J. C. Lomax............ "
Ch. Engr. & Elecn.
Jas. Allen ......................... "
1 a. c. Minpl. — kw. 2300 v. 3. ph. 60 cys; a. c. day & nt. (mdnt) ltg. cir. 110 v.; a. c. mo. cir; 180 hp. e. Murray; 160 hp. b. O'Br.
160 city inc. series 60 c. p, moonlt; coal $3.75.
D L S 3 113

**PUXICO,** 814—E. L. Hawks Roller Mills.
*Owner & Mgr. E. L. Hawks.......Puxico
Engr. Pwr. Sta. Henry Lupsu ..... "
2 d. c. F. M. & Co. 50 kw. 125 v; d. c. nt. ltg. cir. 110 v; 100 hp. e. C. & F; 100 hp. b. Frost.
City cont. 50 incs. 32 c. p. 110 w. $12 per yr; 11 P.M, 4.30 A.M; coal $2.75; wood $1.50.
C L S 44†

**QUEEN CITY,** 770—Municipal Elec. Lt. Plant; cap. $5,000.

Mayor, Wm. Saxbury ........Queen City
Sec. O. A. Hurd............... "
Treas. John Sloop............. "
*¶Mgr. & Supt. J. C. Berkebile "

1 a. c. 50 kva. Wagner, 2300 v. 3 ph. 60 cys; a. c. day (5 A. M. to 8 A. M.) & nt. (4 P. M. to 11 P. M.) ltg. cir. 112 v. 60 cys; 50 hp. e. (oil) Remington.

40 city incs. series 72 w.; 5 A. M. to 7.30 A. M. & 5 P. M. to 11 P. M; kerosene 8 cts.

D G L 3 ✠ 25

**RAYMORE,** 218—Raymore Elec. Lt. Co; cost $4,000.
*¶Pres. & Mgr. E. Stoutzenberger Raymore
V. Pres. W. E. B. Stoutzenberger "
Sec. & Treas M. E. Stoutzenberger.......... "

2 d. c. gen. 110 v; stor. bat. Barber 110 v; d. c. day & nt. ltg. cir. 105 v; 24 hp. gas e. I. H. C.

City cont. 6 incs. $24 per yr; oil.

C D G L ✠ §85

**REPUBLIC,** 884—Republic Elec. Ltg. Co.
*Mgr. Geo. W. Thurman.........Republic

L 34†

**RICH HILL,** 2,755—Munic. Wtr., Elec. Lt. & Gas Plant; cost $70,000; bds. $45,000.
*Mayor, H. E. Sheppard........Rich Hill
City Clerk, E. R. McQuilty..... "
Treas. W. W. Jamison.......... "
Supt. & Engr. Pwr. Sta. J. Larson ...................... "

2 a. c. Ft. W. tot. 305 kw. 2200 & 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. b. Erie; 170 hp. e. Ideal, Skinr.

125 city tung. series 6.6 amp; moonlt; "white way" hrs; coal $2.

D L S 1 3 74

**RICHMOND,** 3,664—Missouri Gas & Elec. Service Co. For officers, see Lexington.
Local Mgr. Otto McMahon ... Richmond
Engr. Pwr. Sta. J. H. Boggs... "

2 a. c. G. E, West. tot. 225 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s & 3 ph. 60 cys; 350 hp. e. Ide, Ham; 425 hp. b. F. M. & Co., Brnl.

City cont. 72 incs. 80 c.p. $39 per yr; all nt; coal $2.33. (Also lts. Hardin, Henrietta, Orrick and Camden.)

D L S 1 3 ✠ ★16

**ROCKPORT,** 1,053—*Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $8,000.
Mgr. & Supt. Jas. Sliger........Rockport
Engr. Pwr. Sta. Guy Anderman "

1 a. c. Ft. W. 75 kw. 2200-110 v. s. ph. 60 cys; no day cir; 125 hp. e. S. C, Cor; 210 hp. b. Erie.

Com. incs. 15 cts. per kw; moonlt; coal $3.50.

L S 1 ✠ 44†

**ROLLA,** 2,261—Munic. Elec. Lt. & Wtr. Wks; cost $10,000.
*Mayor, Edwin Long...................Rolla
Chmn. Com. J. G. Campbell......... "
Treas. F. C. Kerr..................... "
¶ Mgr. Cont. Agt. Supt. & Engr. Pwr. Sta. O. W. Chapin.......... "

2 d. c. West, W. E. 237½ kw. 220 v; day & nt. ltg. cir; 360 hp. e. Cor, Brnl; 560 hp. b. O'Brien, Waugh.

8 city tung. 400 w; all nt; coal $2.80.

C D L S 14

**ST. CHARLES,** 9,437—American Lt. & Pwr. Co. Office, 412 Star Bldg., St. Louis, Mo. (Controlled by the North American Co., 30 Broad St., New York, N. Y.)
Pres. Chas. S. Ruffner...........St. Louis
V. Pres. & Local Mgr. F. E. Murray...................St. Charles
Sec. J. C. Hall.....................St. Louis
Treas. G. B. Blake.......Webster Groves
Engr. Ed. Hoffman..............St. Charles

1 a. c. G. E. 130 kw. 2200 v. 2 ph. 60 cys; 1 rect. G. E. 20 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 25 & 60 cys; 150 hp. e; 300 hp. b; purchases energy from The Elec. Co. of Missouri; 3 transf. Wagner tot. 150 kw; 1 frequency changer G. E. 150 kw.

City cont. 59 arcs magn. 4 amp. $51.60 per yr; 182 tung. series 4 amp. $21.60 per yr; all nt.

D L 2 3 ✠ 75

St. Charles Elec. Lt. & Pwr. Co. (Owned by The Lt. & Development Co. of St. Louis); cap. $50,000; bds. $30,000.
Pres. H. Wurdack.................St. Louis
V. Pres. P. Ziegenfuss.......... "
Sec. & Mgr. W. F. Ghiselin...St. Charles
Treas. Horace W. Beck.........St. Louis

2 a. c. Allis-C, West. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 115 v; a. c. day & nt. mo. cir. 230 v: 300 hp. e. St. Louis, Cor. Ideal; 500 hp. b. O'Brien. Coal $2.02.

D L S 3 ✠ 35

**STE. GENEVIEVE,** 1,967—Home Lt. & Wtr. Co.; cap. outstdg. $30,000; bds. $24,000.
Pres. W. W. Wilder ........Ste. Genevieve
V. Pres. Jos. Weiler ...... "
*¶Sec. Mgr. & Ch. Engr. Guy E. Paxton ............. "
Treas. Henry L. Rozier "

1 a. c. Bull. 90 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 125 hp. e. Chuse; 275 hp. b. Wangler.

City cont. 86 incs. type "C" 80-250 c. p; all nt; coal $2.19. (Co. also lts. St. Marys.)

D L S 2 ✠ 125

**ST. JAMES,** 1,100—St. James Ice & Pwr. Co.; cap. $30,000.
*Mgr. H. W. Alverson ....... St. James
Engr. Pwr. Sta. A. B. Bridgeman "

1 a. c. Westg. 70 kw. 2200-110 v. 3 ph. 60 cys; —— hp. e. Chuse; —— hp. b. Lyons.

City cont. 4 arcs A. B. 8 amp. $72 per yr; 40 incs. 30 c. p. $18 per yr; moonlt; coal $2.60.

L S 3 ✠ 44†

**ST. JOSEPH,** 77,403—St. Joseph Ry. Lt., Ht. & Pwr. Co. Office, 6th & Francis Sts. (Controlled by the Cities Service Co., 60 Wall St., New York, N. Y.); cap. outstg. $1,560,000 (prfd) $3,500,000 (com.); bds. $5,000,000.
Pres. F. W. Frueauff...New York, N. Y.
V. Pres. & Gen. Mgr. J. H. Van Brunt...............St. Joseph
*Sec. & Treas Chas. E. Foster. "
Asst. Sec. E. E. McWhiney New York. N. Y.
Asst. Treas. W. P. Troth " "
¶ Pur. Agt. Fred Henderson...St. Joseph
Supt. of Pwr. E J. Billings ..... "
Engr. Pwr. Sta. J. D. Elftman. "

3 a. c. G. E. tot. 5100 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E tot. 2500 kw. 600 v; trans. v. 2300-11000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v; d. c. mo. cir. 550 v: 3,100 kw. e. Fulton; 4.500 kw. (steam) turb. G. E: 6010 hp b. Sterling. Bab. & W., A. & T; also stm. htg.

Slack $1.75. (Also lts. Wathena, Kan. and sells energy to Savannah Elec. Lt. & Pwr. Co.)

C D H R S 3 ★95

Munic. Elec. Lt. Plant. Office 3rd & Sycamore Sts; cost $150.000; bds. $65,000.
¶Pur. Agt. Fred W. Lauder.....City Hall
*Supt. Chas. D. Fox. 3rd & Sycamore Sts.
Engr. Pwr. Sta. F. J. Dabney "

6 arc G. E, tot. 270 kw; d.c. nt. ltg. cir; 500 hp. e. Minn; 800 hp. b. Spgf.
726 city arcs G. E. lumn. 4 amp. $48 per yr; all nt; coal $1.92.
C L S ★125

**ST. LOUIS,** 687,029—Cupples Sta. Lt., Ht. & Pwr. Co. Office, 750 Railway Exch. Bldg. (Owned and operated by the Lt. & Development Co. of St. Louis); cap. outstg. $1,000,000; no bds.
Pres. & Mgr. H. Wurdack........St. Louis
Sec. Horace W. Beck.. .......... "
Treas. E. M. Kurtz.............. "
Cont. Agt. R. R. Bradley........ "
¶Pur. Agt. Phil. Ziegenfuss .... "
Gen. Supt. E. S. Billings ....... "
3 a. c. G. E. tot. 2250 kw. 250 v. 3 ph. 60 cys; 11 d. c. G. E, West. tot. 1050 kw. 110-230 v; 1 d. c. turbo-gen. 750 kw. G. E; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d.c. day & nt. mo. cir. 230 v; 1150 hp. e. Chuse, Fulton, Russ; 4000 hp. b. Heine, Edge; 3500 hp. stm. turb. G. E; also stm. htg.
Lts. business district.
C D H L S 3 §105

The Laclede Gas Lt. Co. Office, 11th & Olive Sts; cap. outstg. $2,500,000 prfd. & $10 700,000 com; bds. $20,000,000.
Pres. & Gen. Mgr.
C. L. Holman ....................St. Louis
V. Pres. G. H. Walker............ "
Sec. & Treas. W. H. Whitton... "
Cont. Agt. W. Gallaher........... "
¶Pur. Agt. G. H. Curry........... "
Gen. Supt. Wm. Bradford....... "
Supt. Distrbn. E. Stanton....... "
*Ch. Engr. Geo. B. Evans....... "
Engr. Pwr. Sta., W. T. Daniel.. "
3 a. c. G. E. tot. 8000 kw. 4150 v. 3 ph. 60 cys; 5 d. c. mo.-gen. sets G. E, West. tot. 2100 kw. 500 v; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 3 ph. 60 cys; d. c. mo. cir. 500 v; 8300 kw. turb. (stm.) G. E, West; 4000 hp. b. Edge, Heine.
Screenings $1.10-$1.50.
C D L S 3 ★36

Union Elec. Lt. & Pwr. Co., 12th & Locust Sts. (Operates, through lease, the Neighborhood Lt., Pwr. & Htg. Co.) (Owns 2 pwr. stations and 9 sub stations.) Owns and controls Carondelet Elec. Lt. & Pwr. Co. and The Edison Elec. Ilg. Co. of Carondelet); cap. $9,885,000; bds. $17,071,000. (Controlled by North American Co., 30 Broad St., New York City.)
Pres. J. D. Mortimer....New York, N. Y.
V. Pres. & Gen. Mgr.
A. C. Einstein ...................St. Louis
Sec. & Treas. H. Spoehrer........ "
Sales Mgr. F. D. Beardslee....... "
¶ Pur. Agt. J. I. Wheeler......... "
Ch. Engr. Pwr. Plants,
Jno. Hunter.................... "
Elec. Engr. H. W. Eales....... "
13 a. c. G. E. Westg. tot. 72,000 kw. 6600-4500 v. 3 ph 25 & 60 cys; 3 d. c. G. E. tot. 1500 kw. 500 v; 34 rect. G. E. tot. 1086 kw; trans. volt. 6600-13,200 & 4500-13,200 v. 3 ph. 25 & 60 cys; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. s. & 3 ph. 60 cys. & 440 v. 3 ph. 25 cys; d. c. day & nt. mo. cir. 230 & 500 v; 13,500 kw. e. Allis-C. Ham. Cor; 60.000 kw. stm. turb. G. E, West; 39,880 hp. b. Spgf., Heine, Edge, Bab. & W; 4 stor. bat. E. S. B, G. S. B. tot. 13,192 amp. 1 hr. 115-230-500 v; additional power purchased from The Elec. Co. of Mo.; 15 transf. Westg, G. E. tot. 40,500 kw; 9 rot. conv. West, G. E. tot. 7200 kw; 21 mo. gen. Natl, G. E. tot. 17.500 kw; 5 frequency changers G. E, Natl. tot. 9000 kw.
City cont. 2055 arcs magn. 6.8 amp. $50.64 per yr; 767 incs. 32 c. p. 120 w. $18.19 per yr; all nt; coal $1.30.
C D L S 1 3 ✠ 45

The Lt. & Development Co. of St. Louis. Office, Railway Exchange Bldg. (Operates Mo. Public Utilities Co., with properties at Cape Girardeau, Illmo, Fornfelt, Chaffee, Charleston, Sikeston, Morehouse, Dexter, Poplar Bluff, Webb City and Carterville, Mo; St. Charles (Mo.) Elec. Lt. & Pwr. Co.; Ozark Ice & Cold Stor. Co. (Doniphan Mo.); Marianna (Ark.) Elec. Co., Tahlequah (Okla.) Lt. & Pwr. Co ; Ft. Scott (Kans.) Gas & Elec. Co.; Mitchell (S. D.) Pwr. Co.; Monmouth (Ill.) Public Service Co.; Oberlin (Ohio) Gas & Elec. Co.; Ravenna (Ohio) Gas & Elec. Co.; Paris (Ky.) Gas & Elec. Co.; Danville (Ky.) Lt., Pwr. & Trac. Co.; Western Pwr. & Lt. Co.; (Wellston, Mo.); Cupples Sta. Lt., Ht. & Pwr. Co. (St. Louis, Mo.); cap. $1.500,000.
Pres. H. Wurdack..................St. Louis
V. Pres. John A. Porter .......... "
Sec. H. W. Beck.................. "
*Treas. E. M. Kurtz.............. "
★36W

National Lt. & Power Co., office Pierce Bldg. Owners and operators of utility properties in Missouri, Kentucky and Tennessee including Public Service Co. of Western Kentucky at Hickman and Fulton, and Perry County Public Utilities, Perryville, Mo.
Pres. Judson H. Boughton......St. Louis
*1st V. Pres. W. C. Morehead... "
2nd V. Pres. & Ch. Engr.
H. Leland Lowe................ "
125

West St. Louis Wtr. & Lt. Co. Office, 6600 Delmar Ave; pwr. plant in Hine; cap. $1,300,000; bds. $956,100.
Pres. J. H. Bothwell................Sedalia
V. Pres. J. F. Lee...................St. Louis
*¶Sec. & Mgr. W. H. Henby...... "
Treas. J. Fischer..................... "
Engr. Pwr. Sta. J. C. Walker..Chesterfield
2 a. c. G. E, tot, 140 kw. 2300-440-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; mo. cir. 440 v; 800 hp. b. Heine.
Coal $1.80.
D L S 3 25

**SALEM,** 1,796—Salem Lt. & Pwr. Co.; cap. $10,000; no bds.
Pres. C. J. McMurtrey ..............Salem
V. Pres. W. E. Rud................. "
Sec. & Treas. W. C. Oskin.......... "
*¶Mgr. & Cont. Agt. C. A. Wallof.. "
Engr. Pwr. Sta. A. Roberts......... "
1 a. c. Mpls. 90 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 120 hp. e. Brnl; 130 hp. b. Brnl; 5-ton ice plant (operated 6 mo. ea. year.)
City cont. 133 Mazdas midnt. moonlt; coal $2.75; wood $2.20.
I L S 3 ✠ 125

**SALISBURY,** 1.834—Munic. Elec. Lt. Plant; bds. $10,000.
Mayor, A. Emmerich ............Salisbury
*Clerk, R. L. Webster........... "
¶ Mgr. & Supt. Jas. B. Parks... "
2 a. c. Ft. W. 175 kw. 1150 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. H. O. & R. Chuse; 300 hp. b. Keeler.
125 city incs. series 100 c. p.; moonlt; all nt; coal $1.50.
D L S 1 ✠ 125

**SARCOXIE,** 1,311—Sarcoxie Elec. Lt. & Milling Co.; cap. stk. $16 500
Pres. H. B. Boyd.....................Sarcoxie
¶ V. Pres. J. C. Reynolds......... "
*Sec. Treas. & Mgr. H. S. Reynolds "
Engr. Pwr. Sta. O. May............ "
1 d. c. Tri. 40 kw. 250 v; 100 hp. e. Atlas; 125 hp. b. Erie.
City cont. 41 incs. 32 c. p. $12 per yr; 11 P. M; coal $2.20.
C L S ✠ 35E

**SAVANNAH,** 1,583—Savannah Elec. Lt. & Pwr. Co.: cap. $15,000; bds. $12,500.
Pres. & Mgr. F. C. Barrington
Union Bank Bldg., Pittsburgh, Pa.
Sec. & Treas. W. A. Evans....St. Joseph
*¶Cont. Agt. & Supt.
George E. Graham............Savannah

Energy purchased from St. Joseph Ry., Lt., Ht. & Pwr. Co.; 4 transf. West. tot. 100 kw; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v.; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 72 incs. series 40 c. p. 4 amp. $18 & $16.80 per yr; 1 A. M.

D L 1 3 ✠ 125

**SEDALIA,** 17,822—City Light & Trac. Co. (Controlled by Cities Service Co., and operated by the Doherty Organization, 60 Wall St., New York, N. Y.); cap. outstg. $400,000 (prfd.), $1,000,000 (com.); bds. $670,000.
Pres. Henry L. Doherty
60 Wall St., New York, N.Y.
1st V.Pres. Frank W. Frueauff " "
Sec. Edw. C. Pfenning............Sedalia
*¶Treas. & Mgr. Harry D. Frueauff
Mgr. Com. Dept. W. B. Malone... "
Ry. & Elec. Supt. R. Niver........ "
Engr. Pwr. Sta. F. A. Clark......... "

2 a.c. Allis-C. tot. 500 kva. 2300 v. 2 ph. 60 cys; 3 d. c. Allis-C, G. E. tot. 545 kva. 550 v; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir. 220 v; d.c. mo. cir 550 v; 1100 hp e. Allis-C, Bckye; 1550 hp. b. Mur. Stir; 500 kw. (stm.) turb. West; 40-ton ice plant.

City cont. 148 arcs 7.5 amp. $60 per yr; coal $2.70.

C D I R S 2 ★125

**SENATH,** 1029—Missouri Public Utilities Co. See Cape Girardeau.

**SHELBINA,** 2,174—Munic. Wtr. & Lt. Plant; bds. $83,000.
*¶Mgr. & Cont. Agt.
E. P. Weaver..................Shelbina
Engr. Pwr. Sta. M. P. Beltord... "

2 a. c. Ft. W. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; 325 hp. e. Ball; 300 hp. b. Mur.

100 city incs. 100 w; 130 incs. 60 w; all nt; coal $2.50. (Also lts. Shelbyville.)

D L S 1 3 125

**SIKESTON,** 3,327 — Missouri Public Utilities Co. See Cape Giradeau.
Engr. Pwr. Sta. M. Higgins......Sikeston

3 a. c. West. tot. 390 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. mo. cir. 226 v. 2 ph. 60 cys; 600 hp. e. Buckye, Chuse; 250 hp. b. Vogt, O'Br; also 10 ton ice plant (Vogt.)

City cont. 20 a. c. series arcs 600 w. $78 per yr; 25 Tung. 75 w. $24 per yr; moonlt. all nt; coal $2.05. (Trans. to Morehouse.)

D I L S 2 ✠ 75

**SLATER,** 3,238 — Munic. Lt. & Wtr. Plant; cost $30,000; bds. $50,000.
*¶Cont. Agt. & Supt. L. E. Sheperd. Slater
Ch. Engr. & Engr. Pwr. Sta.
J. H. Cooper......................... "

2 a. c. Ridg. tot. 160 kw. 2300 v. 3 ph. 60 cys; 1 a. c. gen. 250 kva. 2300 v. 3 ph. 60 cys. direct connected to 300 hp. eng. Sknr; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 250 hp. e. Ridg; 350 hp. b. O'Br, Gem City.

80 incs. series 6.6 amp. 80 c. p; 36 incs. mult. 100 w; 48 incs. mult. 60 w; moonlt; coal $2.60. (Will operate 8 mile 33,000 v. trans. line.)

D L S 1 3 125

**SMITHVILLE,** 680—Smithville Elec. Lt. Plant; cost $16.500.
Sec. & Treas. A. C. Morton .. Smithville
*¶Mgr. Harry Gordon........... "
Engr. Pwr. Sta. Wilfred Weathers "

2 a. c. West. Warren tot. 115 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; 160 hp. e. Cpr; 145 hp. b. Erie; trans. 6600 v. s. ph. 60 cys.

City cont. 6 arcs A. B. 600 w. $75 per yr; 27 incs. 16 c. p. $12 per yr; moonlt. mdnt; coal $1.50. (Co. also sells pwr. to Edgerton Lt. & Pwr. Co.)

D L S 1 ✠ 45

**SPRINGFIELD,** 35,201 — Springfield Ry. & Lt. Co. Office, 60 Broadway, New York, N.Y. (Controls the Springfielc Trac. Co. and Springfield Gas & Elec. Co., and is in turn controlled by Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson,
60 Broadway, New York, N.Y.
V. Prests.
Treas. J. Dunhill.. " "
W. A. Haller. " "
Sec. A. R. Marshall...... " "

16

Springfield Gas & Elec. Co., Landers Bldg. (Controlled by Springfield Ry. & Lt. Co., which in turn is controlled by Federal Lt. & Trac. Co.); cap. outstg. $500,000; bds. $1,028,400.
Pres. E. N. Sanderson
60 Broadway, New York, N.Y.
V. Pres. & Ch. Engr.
W. A. Haller....... " "
Sec. N. J. Cunningham.......Springfield
Treas. J. Dunhill,
60 Broadway, New York, N. Y.
*¶Gen. Mgr. A. F. Van Deinse. Springfield
Cont. Agt. S. R. Gallagher.... "
Gen. Supt. J. D. Bowles...... "
Supt. Distrbn. Ed. Cosgriff.... "
Engr. Pwr. Sta. Wm. Smith... "

3 a. c. tot. 2800 kw. 2300 v. 3 ph. 60 cys; 5 d. c. tot. 1450 kw. 500 v; a. c. day & nt. ltg. cir. 112-116 v.; a. c. day & nt. mo. cir. 220-2200 v. 3 ph. 25 & 60 cys; d. c. day & nt. mo. cir. 250-500 v; 1800 hp. e; 2400 hp. b. Heine; 1800 kw. stm. turb. G. E; also stm. htg; stm. sta. used as relay: purchases energy from Ozark Pwr. & Wtr. Co.; 3 transf. G. E. tot. 4650 kva. 1 rot. conv. G. E. 500 kw; 2 freq. chgr. G. E. tot. 2000 kw.

City cont. 294 arcs series 7.5 amp. $60 per yr; moonlt; coal. $2.35.

C D H L S 3 ★26

**STANBERRY,** 2,121—Stanberry Lt. & Pwr. Co.
Owners W. S. Curtis......Omaha, Neb.
Owners *Mgr. G. M. Turney...Stanberry
Engr. Pwr. Sta. Geo. Tropp .... "

2 a.c. Bull. tot. 155 kw. 1150 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 260 hp. e. Mur; 250 hp. b. Erie, Mur.

City cont. 100 Mazdas 40 c.p. $15 per yr; moonlt. all nt; coal $2.80.

D L S 1 2 3 ✠ 25

**STURGEON,** 663 — Munic. Elec. Lt. Plant.
Clerk, J. H. Long.................Sturgeon
Mgr. E. S. Stewart............... "
*Supt. E. Schooling.............. "

1 d. c. G. E. 60 kw. 250 v; 74 hp. e. Murray; 80 hp. b. Murray.

6 city arcs 500 w; 600 incs. 64 w; moonlt; coal $1.50.

C L S 75

**SWEET SPRINGS,** 1,122—Munic. Elec. Lt. & Wtr. Plant; bds. $16,000.
Mayor, J. F. Evans........Sweet Springs
*¶Sec. & Supt. J. J. Smith "
Ch. Engr. R. Shackelford. "

1 a. c. West 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (19 hrs.) ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 120 hp. e. (oil) Snow.

67 series tung. 6.6 amp. 100 & 250 c. p. 5 cts. per kwh; oil 2¼ cts. per gal.

D G L 3 ★125

**TARKIO,** 1,966—Tarkio Elec. & Wtr. Co.; cap. outstg. $50,000; bds. $50,000.

Pres. & Treas. W. F. Rankin.....Tarkio
V. Pres. John A. Rankin.......... "
*¶Sec. & Mgr. W. F. Marshall..... "
Supt. Ovhd. Distrbn. C. F. Wilcox "
Engr. Pwr. Sta. P. J. Jantz....... "

2 a. c. West, Allis-C. tot. 425 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 550 hp. e. Mur, Allis-C; 300 hp. b. Mur; also 15-ton ice plant (Wolf).

City cont. 133 series incs. 40 w. $1 & $1.25 per mo; moonlt. mdnt; coal $2.86. (Co. also lts. Westboro, Mo. and Northboro, Ia. and sells energy to Fairfax Lt., Ht. & Pwr. Co.)

D I L S 3 ✣ ★16

**THAYER,** 1,613 — Mammoth Spring Elec. Lt. & Pwr. Co. See Mammoth Spring, Ark.

**TIPTON,** 1,337 —Munic. Elec. Lt. & Pwr. Plant; bds. $17,500.
*Mayor, H. Heinen Jr.............Tipton
Pres. Bd. A. Schmidt.............. "
City Clerk, Fred H. Crone......... "
Treas. L. Patterson ................ "
¶ Supt. & Elec'n C. E. Clark....... "
Engr. Pwr. Sta. Jas. Vanderberg.. "

1 a. c. West. 75 kva. 2500 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 107 v; 125 hp. e. Erie; 250 hp. b. Erie. (Contemplate establishing day service.)

City cont. 63 Mazda 100 w. $24 per yr; coal $2.97.

L S 3 94E

**TRENTON,** 5,656—Trenton Gas & Elec. Co. (Owned by Interstate Elec. Corpn., 141 Broadway, New York City); cap. $50,000; bds. $125,000.
Pres. & Mgr. Chas H. Rowland..Trenton
Sec. Oliver E. Martin............ "
Treas. A. E. Fitkin { 141 Broadway New York, N. Y.
Oper. & Consltg. Engrs.
Roosevelt & Thompson
71 Broadway, New York, N. Y.
Engr. Pwr. Sta. J. C. Young.....Trenton

2 a. c. Allis-C tot. 550 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 2300 v. s. & 3 ph. 60 cys; 700 hp. e. Mur, 450 hp. b. Mur.

City cont. 69 3-lt. electro. 40 & 100 w. $1.94 per mo; 154 incs. type "C" 60 c. p. $1.00 per mo. all nt; slack $1.60. (Installing new plant with the following equipment: 2 a. c. G. E. tot. 320 kw; 960 hp. e. (oil) Busch Diesel.

D L S 1 3 ✣ 125†

**TROY,** 1,120 — Munic. Elec. Lt. Plant.
*Mgr. D. A. Presley....................Troy
Engr. Pwr. Sta. Russell Presley .... "

2 a. c. Ft. W, Minpls. 210 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 106-108 v; 125 hp. e. Mur; 250 hp. b. O'Brien, Murray.

49 city. incs. series 60 c. p; moonlt; coal $2.60.

L S 1 ✣ ★16

**UNION,** 934—The Electric Co. of Missouri. See Webster Groves.
Local Mgr. G. M. Schmick .........Union
Engr. Pwr. Sta. J. M. Pfeiffer...... "

1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 75 hp. e. Erie; 80 hp. b. Brnl; energy also from Washington, 3 transf. Wagner tot. 60 kw.

City cont. 55 inc. series 32 c. p. $21 per yr; moonlt; coal $2.60.

D L S 3 ✣ 75

**UNIONVILLE,** 2,000—Munic. Elec. Lt. & Water Wks.; bds. $16,000.
*¶Supt. & Ch. Engr.
M. Flynn.........................Unionville
Engr. Pwr. Sta. A. L. Kirby.. "

1 a. c. F. M. & Co. 100 kw. 1150 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 150 hp. e. Murray; 160 hp. b. Murray.

150 city incs. Peerless 60 w; all nt; coal $1.35.

D L S 1 2 16

**VANDALIA,** 1,595—Vandalia Elec. Lt. Co.; cap. $16,000; no bds.
Owners, De Tieme & Humphrey..Vandalia
*Sec. & Treas. H. T. Humphrey. "
Supt. & Engr. Pwr. Sta.
D. J. De Tieme.................... "

3 d. c. W E, Stir. tot. 180 kw. 250 v; no day cir; 246 hp. e. Mur; 125 hp. b. Mur.

City cont 4 arcs 1200 c. p. $70 per yr; 87 incs. 16 & 32 c. p. $9 & $16.20 per yr; Phila. moonlt; coal $2.10.

C L S ✣ 44†

**VERSAILLES,** 1,598—Munic. Elec. Lt. Plant; cost $17,000; bds. $9,500.
*¶City Clerk, J. W. McClelland .Versailles
Supt. John M. Bolton.............. "
Engr. Pwr. Sta.
Sherman Fredericks............ "

1 a. c. Warren 60 kw. 2200 v. s. ph. 60 cys; 1 rect. 20 kw; a. c. nt. ltg. cir. 110 v; hp. e. Brnl; 100 hp. b. Brnl.

104 tung. 40 w. 32 c. p; coal $1.58.

L S 1 44†

**VIENNA,** 425—Elec. Lt. Plant.
*Owners & Mgrs. Keep & Crisman. Vienna

L 44†

**WARRENSBURG,** 4,689 — Warrensburg Lt. & Pwr. Co.; cap. $100,000; bds. $40,000.
*Supt. C. R. Collins..........Warrensburg

2 a. c. G. E, Ft. W. tot. 320 kw. 1100 v. s. ph. 125 cys; 1 a. c. West. 15 kw. 220 v; a. c. day ltg. cir. 110 v. 125 cys; d. c. ltg. cir. 220 v; 405 hp. e. S-C, C. & T, Sknr; 350 hp b. Murray, O'Br.

City cont. 45 arcs $65 per yr; 7 tung. 32 w. $18; all nt; coal $2.70.

C D L S 1 ✣ 44†

**WARRENTON,** 795—Warrenton Elec. Lt., Ice & Pwr. Plant. (Successor to The A. F. Sievert Elec. Lt. Plant.)
*Prop. H. C. Boettger..........Warrenton
Ch. Engr. L. Wieble.......... "

2 a. c. Warn, West. tot. 105 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 105 hp e. Bckye, ——; 180 hp. b. Brnl, Frost; also 6 ton ice plant.

City cont. 38 incs. Tung. 40 w. $19.20 per yr; all nt; coal $3.15. (Co. also lts. Truesdail.) (Contemplates erecting 8 mile trans. line to Wright City.)

D I L S 1 ✣ 16

**WARSAW,** 824—Munic. Elec. Lt. Plant; cost $6,000; bds. $6,000.
*Mayor W. S. Shadburne.........Warsaw
Pres. of Bd. W. S. Jackson....... "
Sec. & Treas. W. S. Davis....... "
Ch. Engr. & Elecn. John Wingate "

1 d. c. West. 50 kw. 250 v; no day cir; 5 hp. e. Lyacoming; 100 hp. b. Brnl. stm.).

75 city incs. 16 c. p.

C L S ✣ 88

**WASHINGTON,** 4,200 — The Electric Co. of Missouri. See Webster Groves.
Local Mgr. G. M. Schmick...Washington
Engr. Pwr. Sta. H. W. Leisher "

2 a. c. Natl. tot. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day cir. 110 v; a. c. mo. cir. 110-224 v; 375 hp. e. Fulton; 425 hp. b. Atlas, O'Br.

City cont. 182 incs. series 5.5 amp. 32 & 60 c. p $13.20 & $15.60 per yr; moonlt; coal $2.85. (Trans. to Union 13,200 v. 3 ph. 60 cys.)

D L S 2 ✣ 75

**WEBB CITY,** 11,817 — The Empire District Elec. Co. See Joplin.

1 freq. chgr. G. E. 500 kw; a. c. day &

nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-2200 v. 2 & 3 ph. 25 & 60 cys.

City cont. 60 arcs d. c. series 6.6 amp. & 87 arcs d. c. 4 amp. G. E; 36 incs. "C" 100 w; all nt.

D L 2 3 36

**WEBSTER GROVES,** 7,080—The Elec. Co. of Missouri. Office Lockwood & McClure Aves. (Successor to Miss. River Pwr. Dist. Co., Suburban Elec. Lt. & Pwr. Co., Tibbe Elec. Co. and Pacific Elec. Co.) (Controlled by The North American Co., 30 Broad St., New York, N. Y.) Cap. $2,000,000; bds. $1,750,000.

Pres. J. D. Mortimer New York, N. Y.
V. Pres. & Mgr. Chas. S. Ruffner Webster Groves
V. Pres. A. C. Einstein..........St. Louis
Sec. J. F. Fogarty......New York, N. Y.
Treas. Robt. Sealy...... " "
Cont. Agt. Wm. Overing..Webster Groves
Asst. Mgr. G. B. Blake... " "
¶ Pur. Agt. F. S. Hartzell " "
Gen. Supt. S. H. Wallace " "
Ch. Engr. J. E. Hillemeyer " "
Supt. Dist. G. S. Neely " "
Supt. Sub. Sta. C. C. Robinson "

Purchases energy from the Miss. River Pwr. Co.; 12 transf G E. tot. 60,000 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-440-4000-13,200 v. 3 ph. 25 & 60 cys.

(Co. serves Fenton, Florisant, Ferguson, Webster Groves, Kirkwood, Clayton, University City, Maplewood, Glendale, Richmond Heights, Luxemburg, Union, Pacific, Washington, Manchester, Baldwin, Eureka and Crescent, and sells energy to Union Elec. Lt. & Pwr. Co.)

D L 3 ✠ 75

**WELLSVILLE,** 1,194—*Munic. Elec. Lt. & Wtr. Plant. (City purchased property of Wellsville Lt., Pwr. & Wtr. Co.)

1 a. c. West. 75 kw. 1150 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 115 v. 60 cys; 150 hp. e. St. Louis, Cor; 150 hp. b. O'Brien.

City cont. 66 tung. 50 c. p. $24.60 per yr; all nt; coal $2.30.

L S 2 ✠ 75w

**WEST PLAINS,** 2,914—Munic. Water & Lt. Plant; bds. $27,000.

*Cont. Agt. T. D. Martin .....West Plains
¶ Supt. & Engr. Pwr. Sta.
W. P. Britain............... "

Energy purchased from Mammoth Spring Elec. Lt. & Pwr Co.; 3 transf. Westg. tot. 300 kva; trans. volt. 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys.

58 tung. series 60-500 w; 3 cts. per kw. moonlt; all nt.

D L 1 3 ✠ 125

**WILLOW SPRINGS,** 1,610—The Lt., Pwr. & Mfg. Co.; cap. $20,000.

¶ Pres. Mgr. Cont. Agt. &
Supt. B. M. Grant......Willow Springs
V. Pres. L. M. Grant..........Montevallo
*Sec. J. C. Dyott.........Willow Springs
Treas. B. F. Thomas..... "
Engr. Pwr. Sta. O. E. Grant "

2 a. c. G. E. tot. 75 kw. 1150 v. 3 ph. 60 cys; 1 G. E. rect. 100 lts; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 1150-220 v. 3 ph. 60 cys; 175 hp. e. Monarch, Cor; 50 hp. e. (oil) Natl; 210 hp. b. Atlas, F. & M.

City cont. 38 tung. series 40 w. $15 per yr; moonlt. all nt; coal $2.85, oil 5¼ cts

G L S 3 ✠ 23

**WINDSOR,** 2,241—Windsor Lt., Wtr., Ht. & Pwr. Co.; cap. $6,000; no bds.

*Pres. Sec. Treas. & Mgr.
S. E. Roberts....................Windsor
Supt. S. E. Roberts, Jr.......... "
Engr. Pwr. Sta. Gordon Brough. "

8 d. c. W. E. tot. 164 kw. 250 v; d. c. day ltg. cir. 220 v; 345 hp. e. Ideal, Allis-C, Clark; 170 hp. b. Atlas.

City cont. 4 arcs 2000 c. p; $75 per yr; 90 Mazda 50 c. p. $15 per yr; moonlt. all nt; coal 7 cts. per bu.

C D L S ✠ 23

## MONTANA.

**ANACONDA,** 10,134—Anaconda Copper Mining Co., (Elec. Lt. & Ry. Dept.)

*Supt. Elec. Lt. & Ry. Dept.
H. M. Johnson...............Anaconda
¶ Pur. Agt. D. A. Welch..............Butte
Foreman, Thos. W. Burke.....Anaconda

4 a. c. West. 2000 kw. 2000-100 v. 2 ph. 60 cys; 6 d. c. (ry.) G. E. 1000 kw. 540 v; 3 d. c. arc Ft. W. Brush, 375 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; d. c. mo. cir. 500 v; 7500 hp. e. Nord; 7,500 hp. b Stir. Energy from Great Falls Pwr. Co.

City cont. 73 arcs 2000 c. p. $75 per yr; all nt; coal $4.80. (Co. also lts. Belt.)

C D R S 1 2 ✠ 125

**BAKER,** 1000—Baker Lt. & Pwr. Co.; cost $10,000.

*¶ Owner, Ernest Heinrich..........Baker
Supt. J. R. Waldman................ "
Engr. Pwr. Sta. J. L. Beckham...... "

1 a. c. Ft. W. 75 kw. 2300 v. s. ph. 60 cys: a. c. nt. ltg. cir. 108 v; 60 hp. e. Weth; 75 hp. b. Bros.

City cont. 7 incs. nitro. 80 c. p. $46.80 per yr; 23 Mazdas 40 c. p. $25.80 per yr; all nt; lignite $2.25.

L S 1 ✠ 125

**BELT,** 1,158—Great Falls Pwr. Co. See Great Falls.

**BIG FORK,** 300—Northern Idaho & Montana Pwr. Co. Office Kalispell. Hydro-Elec. plant at Big Fork on Swan River; stm. plant at Polson. For executive officers see Sandpoint, Ida.

Mgr. & Supt. N. B. McDonald...Kalispell
Engr. Pwr. Sta. W. Zufall......Big Fork

4 a. c. West. Allis-C. tot. 1610 kw 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. pwr. cir; 2820 hp. turb. (wtr.) Seifelt-Jones, Trump, Allis-C; trans. volt. 33,000 v. 3 ph. 60 cys.

(Also lts. Kalispell, Columbia Falls and Whitefish.)

D N W 3 ✠ 25

**BIG TIMBER,** 1,022—Montana Pwr. Co. See Butte.

Local Mgr. J. R. Kaiserman...Big Timber
Ch. Engr. E. L. Kepler....... "

1 a. c. Bull 115 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 2300-220 v. 3 & s. ph.; 190 hp. e. Ball, Erie; 173 hp. b. Twin City, Erie; stm. plant reserve.

City cont. 15 arcs 500 w. $120 per yr; all nt.

D L S 1 3 ✠ 75

**BILLINGS,** 10,031—Montana Pwr. Co. See Butte.

Local Mgr., J. F. Roche..........Billings
Supt. Geo. K. Aitken............. "

5 a. c. G. E. tot. 1480 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. pwr. cir. 220-110 v; 500 kw. turb. (stm.) G. E; 1800 hp. turb. (wtr.) Dayton, Globe; 940 hp. b. F. & C; 500 hp. e——.

City cont. 124-4 amp. series magn. $59.85 per yr; 194 posts 4-40 w. & 1-60 w. Mazdas $46.50 per yr.

D L S W 3 ✠ 75

**BOZEMAN,** 5,107—Montana Pwr. Co. See Butte.

Local Mgr. W. W. Livingston...Bozeman

a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220-2200 v. 3 ph. 60 cys; 3 transf. G. E. tot. 1333 kw.

City cont. 108 arcs 7.5 amp. $81 per yr; 350 incs. 3 & 10 cts. per kw; all nt.

D L 3 ✠ 75

**BUTTE,** 39,165 — Montana Pwr. Co. (Consolidation of Butte Elec. & Power Co., Madison River Pwr. Co., Montana Pwr. Transmission Co., United Missouri River Pwr. Co., Billings & Eastern Mont. Pwr. Co., Phoenix Elec. Co., Butte Gas Lt. & Fuel Co. and Great Falls Elec. Properties.) (Controls through stock ownership Lewistown Elec. & Pwr. Co. and owns entire stock of Great Falls Pwr. Co. and Thompson Falls Pwr. Co.) (Hydro - electric plants at Great Falls, Billings, Livingston on the Big Hole River nr. Divide and on the Madison River nr. Norris; stm. reserve plant in Butte and stm. plant in Conrad); cap. outstg $49,634,000; (com.) $9,700,000; (pfd.) $15,146 000.

Pres. John D. Ryan.....New York, N.Y.
V. Prests. Frederick Strauss " "
Alfred Zaretzki.. " "
Gen Mgr. ——— ......Butte
Sec. & Treas. Walter Dutton, New York, N.Y.
Asst. Sec.-Treas. H. F. Kroyer......Butte
¶ Pur. Agt. W. J. Jackson......... "
*Gen. Supt. F. M. Kerr............. "

2 a. c. G. E. 2200-3800v. 3 ph. 60 cys; 2 d. c, G. E. —kw. 500 v; a. c. day & nt ltg. cir. 104 v; d. c. mo. cir. 500 v; a. c. day & nt. mo. cir. 440-220 v; 2000 hp. e, McI. & S., F. & C.; 3000 hp. b. Stir. (Operates steam heating plant of old Phoenix Elec. Co. selling steam pwr. to Electric Dept.).

City cont. 421 arcs G. E. 6.6 amps, $61 per yr; all nt; coal $4.25. (Co. also serves Walkerville, Centerville, Meaderville, Sheridan, Belgrade, Ruby, Twin Bridges, Laurel, Townsend, Billings. Big Timber, Great Falls, Livingston, Three Forks, Lewistown, Whitehall, Hunter's Hotsprings, Manhattan, Alder, Park City, Alhambra, Clancey, Boulder, Bozeman, Columbus, Conrad, Gregson, Lauren, Radersburg and Williamsburg; sells energy in bulk to Deer Lodge Elec. Co. and Helena Lt. & Ry. Co.)

C D H N S 3 ✠ 85

**CENTERVILLE,** 1,000—Montana Pwr. Co. See Butte.

**CHINOOK,** 780—Chinook Lt. & Pwr. Co. (Munic.); cap. $15,000; no bds.

Lt. Comm. Fred Miller..............Chinook
T. L. Christisan......... "
*City Clerk, Chas. F. Esby....... "
Engr. Pwr. Sta. Fred. E. Brandis "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. Ide; 125 hp. b. Erie City.

City cont. 34 5-lt. posts 60 & 40 w; 15 3-lt. posts 60 & 40 w; 243 lts. 100 w; all nt; coal $3.

L S 3 125

**CHOTEAU,** 1,000—Great Falls Pwr. Co. See Great Falls.

**COALVILLE,** 50—Coalville-Fromberg Elec. Co.

*Treas. & Gen. Mgr.
W. E. Pinkney...............Fromberg

1 a. c. G. E. 100 kw. 2200 110 v. 2 ph. 60 cys: d. c. pwr. cir. 250 v; 300 hp.e. McE; 450 hp. b. Atlas.

(Co. also lts. Fromberg.)

C L S 2 ✠ 73

**CONRAD,** 1,000 — Montana Pwr. Co. For executive officers, see Butte.

Local Mgr. M. I. Darling..........Conrad
Engr. Pwr. Sta. P. Anderson..... "

1 a. c. Bull 200 kw. 2300-220-110 v. 3 ph. 60 cys; no day cir; 125 hp. e. ——; 108 hp. b. ——.

City cont. 23 street stds; 60 w. $16.80 per yr; all nt; coal $2.10.

L S 3 75

**CORWIN SPRINGS,** 40—Elec. Hot Springs Co.; cap. $175,000; no bds.

Pres. & Mgr. C. S Hefferlin..Livingston
V. Pres. J. H. Holiday.........Clyde Park
*Sec. T. V. Rame................Livingston
Engr. Pwr. Sta. Jas. Shine.... "

1 a. c. G. E. 35 kw. 110-2300 v. s. ph. 60 cys; 40 hp. turb. (wtr.) Pelton.

L W 1 74

**DEER LODGE,** 2,570—Deer Lodge Elec. Co.; cap. auth. & pd. in $25,000, 8 p. c. div; no bds.

Pres. C. Kohrs..................Deer Lodge
V. Pres. W. C. Spottswood... "
Sec. & Treas. H. H. Zenor.... "
*¶Mgr. E. A. Moe............ "

Energy purchased from Montana Pwr. Co.; 2 a. c. G. E. 150 kw. 2300-2080-104 v. 3 ph. 60 cys; a. c. day cir. 108 v; 135 hp. e. Ide; 200 hp. b. Frost.

City cont. 26 arcs 2000 c. p. $96 per yr; all nt.

D L S 3 ✠ 125

**DILLON,** 1,835—Union Elec. Co.; cap. $150,000; bds. $100,000.

Pres. H. W. Turner....................Butte
*¶V. Pres. Mgr. & Cont. Agt.
L. K. Adams........................Dillon
Sec. & Treas. G. B. Perrier..........Butte
Engrs. Pwr. Sta. N. E. Stone .... ......Dillon
R. Gilman.............. "
H. C. O'Neal.......... "

2 a. c. Wes'g. Bull 350 kw. 10,000-2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 200 v. s. & 2 ph. 60 cys; 125 hp.e. B. & W; 523 hp. turb. (wtr.) Lef. Smith; 100 hp. b. —— (9 miles trans. lines. 2 & 3 ph.)

City cont. 20 arcs $102 per yr; all nt; coal $6.

D L S W 1 2 3 ✠ 16

**FAIRVIEW,** 1,000 — The Jennison Lt. & Pwr. Co.; cap. $40,000; no bds.

Pres. H. O. Frank....Minneapolis, Minn.
V. Pres. W. J. Miller. " "
*Sec. & Mgr. Warren J. Jennison.Fairview
Treas. C. W. Jennison ..Williston, N. D.

1 a.c. G.E 100 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Minpl; 225 hp. b. Bros.

Lignite.

D L S 3 ★125

**FORSYTH,** 1,800——Forsyth Elec. Lt. & Pwr. Co.; cap. $25,000.

Pres. John E. Edwards...........Forsyth
Sec. & Treas. F. V. H. Collins... "
*Mgr. R. J. Cole................. "
Ch. Engr. B. Blum............... "

2 a. c. G. E. 320 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 & 2300 v. s. & 3 ph. 60 cys; 450 hp. e. Ball, Erie; 440 hp. b. Stir.

City cont. 14 arcs $10 per mo. all nt; coal.

D L S 1 3 ✠ 125

**FT. BENTON,** 1,004—Benton Elec. Lt. Co.; cap. $25,000; no bds.

Pres. J. V. Carroll .............Ft. Benton
V. Pres. J. Harris.............. "
*¶Sec., Treas. Mgr. & Cont. Agt.
Geo. L. Overfield............... "
Supt. & Engr. Pwr. Sta.
W. J. Benston ................ "

Energy from Great Falls Pwr. Co.; 1 transf. West. 250 kw; 2 a. c. West. tot. 210 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph; 250 hp. e. Minpls; 350 hp. b. Bros. Minpls.

City cont. 6 arcs Wood 500 cp. $120 per yr; all nt; coal $3.

D L S 1 3 ✠ 114E

**GARDINER,** 90—Gardiner Elec. Lt. & Wtr. Co. (Incorp.); cap. $15,000.

Pres. L. H. Van Dyck ...........Gardiner
V. Pres. C. B. Scott.............. "
Sec. W. S. Berry................ "
Treas. L. B. St. John............. "
*Mgr. Lawrence Link............ "
Engr. Pwr. Sta. H. F. Lawrence "

1 d. c. G. E, 55 kw. 250 v; d. c. nt. ltg. cir. 220 v; 146 hp. turb. (wtr) Pelton.

City cont. 559 incs. 25 & 50 w. 8 & 16 c. p. $6 & $3 per yr; all nt.

C L W ✠ 75

**GLASGOW,** 1,158—Munic. Elec. Lt. Plant & Wtr. Wks; cost $80,000.
Mayor, R. H. Friedel..............Glasgow
Pres. Lt. Com. P. E. Kent....... "
City Treas. C. St. Clair.......... "
City Clerk H. Palmar............. "
*¶Supt. & Ch. Engr.
H. J. Hughes...................... "
Engr. Pwr. Sta.
E. L. Woodward................. "

3 a. c. West. G. E tot. 130 kw. 2300 v. 3 ph. 60 cys; 4 rect. G. E. 75 kw; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 125 hp. e. Erie, Ball; 250 hp. b. Heine, Murray.

3 city arcs enc. 6.6 amp. $150 per yr; 20 Mazdas 200 c. p $85.00 per yr; moonlt; slack $3.85.

D L S 1 3 25

**GLENDIVE,** 2,428—The Glendive Ht. Lt. & Pwr. Co.; cap. $165,000.
Pres. G. D. Hollecker..............Glendive
V. Pres. N. H. Buttelman......... "
Sec. H. A. Sample................. "
Treas. R. H. Watson.............. "
*Mgr. Frank C. Hughes........... "

2 a. c. G. E. tot. 1250 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 30 kw; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys; 1000 w. turb. (stm.) G. E; 900 hp. b. Bab. & W; also stm. htg.

City cont. 150 incs. "C" 100 c. p. $24 per yr; all nt; coal $2 65.

D H L S 3 ✠ 125

**GOULD**—Landers Pwr. Co.; cap. $100,000.
Pres. Jos. Mohr...............Chicago, Ill.
*V. Pres. & Mgr. Owen Byrnes......Gould
Sec. & Treas. Louis Mohr....Chicago, Ill.

1 a. c. G. E. 750 kw. 2300 v. 3 ph 60 cys; 1000 hp. wtr. wh. Lef; trans. 22,000 v. 3 ph. to Gould mining district 12 miles.

T W 3 16

**GREAT FALLS,** 13,948—Montana Pwr. Co. For executive officers see Butte.
Local Mgr. E. I. Holland......Great Falls
Supt. Ltg. C. W. Todd........ "
Supt. Ry. L. M. McAllister... "

3 d. c. West. tot. 570 kw. 550 v; 2 a. c. West. tot. 610 kw. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. & mo. cir. 104 v; d. c. pwr. cir. (St. Ry.) 550 v; 1830 hp. turb. (wtr.) S. B. (Energy from Great Falls Pwr. Co., 2 transf. G. E. tot. 600 kw.)

City cont. 164 magn. arcs 2000 c. p. $70 per yr; 168 posts 100 & 60 w. $6.00 per post per yr; 100 incs. 16 c. p. 13½ cts. per kw; all nt.

C D R W 2 ✠ 75

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Great Falls Pwr. Co. Office Butte. (Purchased property of Choteau Lt. & Pwr. Co.) (Pwr. plants at Rainbow Falls and Black Eagle Falls on Missouri River. Plant (90,000 hp.) under construction at Big Falls on Missouri River near Great Falls. (Controlled by Montana Pwr. Co.); cap. stk. $10,000,000; bds. $5,000,000.
Pres. John D. Ryan .....New York, N.Y.
V. Pres. J. G. Morony...............Butte
Gen. Mgr. —— —— .................. "
Gen. Supt. F. M Kerr............... "
¶ Pur. Agt. W. T. Jackson.......... "

6 a. c. G. E, W. E. tot 21,000 kw. 6600 v. 2 & 3 ph. 60 cys; trans. volt. 102,000 & 60,000 v. 3 ph. 60 cys; 36,000 hp. wtr. wh. Smith. (Trans. to Anaconda, Great Falls, Havre, Lewiston, Phillipsburg, Belt, Big Sandy, Cascade, Hobson, Moccasin, Sand Coulee, Stanford & Stockett.)

T W 2 3 ★95w

**HAMILTON,** 2,240—Missoula Lt. & Wtr. Co. See Missoula.

**HARLEM,** 500—Harlem Lt. & Pwr. Co.
*Propr. R. J. Moore..............Harlem

1 d. c. 22½ kw; 65 hp. e. (oil).

City cont. 30 tung. 100 w.

C G L §95

**HARLOWTON,** 770—Harlowton Lt. & Wtr. Co.; cap. $16,500; no bds.
Pres. Ben. Urner..................Harlowton
*¶ V. Pres. & Mgr. Frank F. Goss "
Sec. & Treas. Art. Burquist.. "
Supt. B. A. Tenney............. "
Engr. Pwr. Sta. F. H. Brewster "

1 a.c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v; 100 kw. turb. (stm.) G. E; 160 hp. b. Wms.

City cont. 10 arcs. 6.5 amp. $120 per yr; 20 incs. 60 w. $18 per yr; all nt; coal $3.40.

L S 3 ✠ 25

**HAVRE,** 3,624—Havre Elec. Co.; cap. $100,000; bds. $99,000.
Pres. H. W. Turner...................Butte
V. Pres. J. E. Davidson............ "
Sec. & Treas. G. B. Perrier........ "
*¶Mgr. F. W. McCarthy ...........Havre
Supt. C. E. Davidson ................. "
Engr. Pwr. Sta. Paul Sunday....... "

4 d. c. Ft. W, Wood, West. tot. 200 kw. 220 v. 3 wire; a. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 450 hp. e. Ide, Ames; 350 hp. b. Frmn, Western Furnace. (Purchases energy from Great Falls Pwr. Co., 1 mo. gen. West. 200 kw.) Also steam htg.

City cont. 7 arcs A. B. 5.5 amp; 600 incs. Tung. 60 w. 3½ cts. per kw; coal $2.75.

C D H L S 1 3 14

**HELENA,** 12,515—Helena Lt. & Ry. Co.: cap. $935,000; bds. $860,000.
Pres. P. G Gossler, 149 Broadway, N.Y.C.
V. Pres. J. H. Pardee } 43 Exchange Pl.,
Sec. T. W. Moffat... } New York, N. Y.
Treas. R. B. Marchant.. " "
Asst. Sec. & Asst. Treas.
A. B. Sibley.........................Helena
*Gen. Mgr. W. C. Callaghan...... "
Oper. Mgrs. J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
Supt. Elec. Dept. C. A. Bernier....Helena

Energy purchased from Montana Pwr. Co., 12 transf. G. E. tot. 2100 kw; 3 rot. converters West. tot. 675 kw; 2 mo. gen. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-2200 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 550 v.

City cont. 58 arcs G. E. 6.6 amp. $72 per yr; 2577 incs. "C" 60 c. p. $6 per yr. (Co. also lts. East Helena.)

C D R 1 3 ✠ ★16

**KALISPELL,** 5,549 — Northern Idaho & Montana Pwr. Co. See Big Fork.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220-440-2200 v. s. 2 & 3 ph. 60 cys.

City cont. 138 4-lt. clusters, series tung. $45.60 per yr; 70 5-lt. posts mult. $36 per yr.

D L 1 2 3 ✠ 25

**LEWISTOWN,** 2,992 — Lewistown Elec. & Pwr. Co. (Controlled by Montana Pwr. Co. which see for executive officers.)
Local Mgr. C. C. Simonson...Lewistown

2 a.c. Bull. tot. 450 kw. 6600-115 v. 3 ph. 60 cys; a. c. day cir. 115 v; pwr. cir. 220-110 v; 575 hp. wtr. wh. Leffel. Energy from Great Falls Pwr. Co. 3 transf. G. E. tot. 450 kw.

66 arcs enc. 6.6 amp. $81 per yr; 6 posts 4-40 w. 1-60 w. Mazda $5 monthly per post.

D L W 3 75

**LIVINGSTON**, 5,359—Montana Pwr. Co. See Butte.
Local Mgr. H. Wm. Schmidlapp
Livingston
Engr. Pwr. Sta. Wm. Spratt.. "

2 a. c. G. E. tot. 1500 kw. 2300 v, 3 ph, 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 220 v: 2600 hp. turb. (wtr.) Leffel. Energy interchanged with general system; 6 transf. G. E. tot. 1500 kw.

City cont. 71 arcs G. E. 2000 c. p. $78 per yr; all nt.

D L W ✠ 75

**MALTA**, 900—Malta Light Co.; cap. outstg. $5,000; no bds.
Pres. John Shady..................Malta
V. Pres. R. J. McCreary............ "
Sec. & Treas. Lyman Barnes........ "
*Mgr. C. H. McCready ............... "
Engr. Pwr. Sta. Ben Uhe ........... "

1 a. c. Triumph 35 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 60 hp. e. (oil) Adams.

Kerosene 14½ cts. per gal. (Will install 35 hp. gas eng. and 75 hp. gas pro.)

G L 3 ✠ ★125

**MILES CITY**, 7,600—Munic. Lt. & Pwr. Plant.
Mayor, C. H. Mott............Miles City
Clerk, Paul Allmayer.............. "
*¶ Supt. & Elecn, J. J. McGill.. "

3 a. c. G. E. tot. 570 kw. 2300 v. 3 ph. 60 cys; 1 arc Brush 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys; 800 hp. e. Ham, Cor, Chuse; 750 hp. b. Kenney, Frost; stm. htg.

530 incs. mult. 40 & 60 w. and 350 d. c. series incs. 80 c. p. 6.6 amp. 3 cts. per kwh; all nt; slack $2.15.

D H L S 1 3 ★16

**MISSOULA**, 12,869—Missoula Lt. & Wtr. Co. (Consol. Missoula Lt. & Pwr. Co., Hamilton Lt. & Wtr. Co., The Missoula Wtr. Co. & Missoula Ht. Co.); cap. $700,000; bds. $700,000.
Pres. W. A. Clark
20 Exchange Pl., New York, N.Y.
V. Pres. W. M. Bickford.......Missoula
Sec. & Treas. J L. Ward........ "
*¶ Mgr. & Cont. Agt.
C. H. Christensen.............. "
Supt. Lt. Dept. E. H. Collar..... "

Energy purchased from Clark-Missoula Pwr. Co.; 6 transf. G. E. tot. 1200 kw; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; aux-plant: 1 a. c. West. 500 kw. 3300 v. 3 ph. 60 cys; 3 rect. tot. 175 lts.

City cont. 150 a. c. series arcs $72 per yr; 160 d. c. arcs G. E. magn. 6.6 amp. $60 per yr: all nt. & 1 A M. (Also lts. Bonner, Milltown, Florence, Corvallis, Hamilton, Stevensville, Victor and Lolo.)

D L 3 125

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Clark-Missoula Pwr. Co. Office, Missoula. Gen. sta. near Milltown; cap. outstg. $600,000; bds. $600,000.
Pres. W. A. Clark.......New York, N. Y.
V. Pres. W. M. Bickford .........Missoula
Sec. & Treas. J. L. Ward......... "
Mgr. C. H. Christensen............ "
Audr. J. C. Phillips ..................Butte
Supt. Frank Huwe...............Milltown

4 a. c. G. E. tot. 2000 kw. 3 ph. 60 cys; 3400 hp. turb. (wtr.) Lef. Entire output sold to Missoula Lt. & Wtr. Co. and Missoula St. Ry. Co.

T W 3 125

**MUSSELSHELL**, 300—Elec. Lt. Plant.
*Owners, Handel Bros........Musselshell

1 d. c. F. M. & Co. 10 kw. 110 v; d. c. nt. ltg. cir. 110-108 v; 15 hp. e. (gas) F. & M. Co. 80 amp. hrs. 112 v. stor. bat. E.S.B. Gasoline.

C G L ✠ 125

**NEIHART**, 268—Neihart Water Co.
Pres. J. Armington...............Armington
V. Pres. A. Nathan..................Neihart
*Sec. & Mgr. T. E. Brady.......... "
Treas. A. E. Dickerman............ "
Supt. & Ch. Elecn. Tony Faller .. "

1 a. c. T-H. 37½ kw; Pelton wtr. wh.

L W X ✠ 25

**PHILLIPSBURG**, 1,109—Bowen Bros. Elec. Lt. & Pwr. Co.
*Sec. Treas. & Mgr. Fred Bowen
Phillipsburg

Energy purchased from Great Falls Pwr. Co.; 1 a. c. West 60 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 15 arcs.

D L 1 3 ✠ 16

**PLENTYWOOD**, 1,200—Plentywood Elec. Co.; gen. plant 1½ miles N. E. of city at coal mine.

1 a. c. F. M. & Co. 125 kva. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 175 hp. e. Cor; 160 hp. b. Titus.

City cont. 58 incs. "White Way" 11 cts. per kwh. mdnt. & all nt; coal $1.

D L S 1 3 §105

**POLSON**, 1,200—Northern Idaho & Montana Pwr. Co. See Big Fork.
Engr. Pwr. Sta. A. M. Hubbard...Polson

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys; 200 hp. b. Spgf; 250 hp. e. McI. & S, Atlas.

City cont. 35 series tung. 4.4 amp. $27 per yr; midnt; wood $4.25 & $3.15.

D L S 3 ✠ 25

**PONY**, 369—*Dave Box (Lessee).

1 a. c. G. E. 75 kw. 2080 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. wtr. wh. Allis-C.

City cont. 25 tung. 25 w. $24 per yr; all nt.

L W 3 ✠ 125

**RED LODGE**, 4,860—The Northwestern Improvement Co. (Plant operated in connection with coal mines; also operates stm. plant in Roslyn, Wash.)
Pres. Wm. P. Clough....New York, N.Y.
V. Pres. Thomas Cooper..St. Paul, Minn.
Treas. C. A. Clark........ " "
Gen. Mgr. C.C. Andersen..Tacoma, Wash.
¶ Pur. Agt. F. G. Prest. .St. Paul, Minn.
Supt. Wm. Haggerty...........Red Lodge
M. M. Thomas Murphy........ "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys: 4 d. c. G. E, Eddy, Tri. tot. 750 kw. 250-275 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v: d. c. day & nt. mo. cir. 250 v; 5676 hp. e. Ridge, Erie, Ball, Vulcan; 4300 hp. b. Bab. & W.

City cont. 18 arcs 450 w. G. E. $72 per yr; 160 Mazdas 40 & 60 w. $10.80 per yr; 49 Mazdas 150 w. $27 per yr; all nt; coal.

C D L S 3 ✠ 16

**ROUNDUP**, 2,541—Roundup Coal Mining Co.
Pres. G. W. Megrath.........Omaha, Neb.
V. Pres H. Readinger........ "
*¶ Mgr. & Cont. Agt.
J. E. Woodard..................Roundup
Supt. Joseph Brown............. "
Engr. Pwr. Sta. L. E. Browne... "

2 d. c. G. E. 250 kw. 250 v: 1 a. c. G. E. 110 v. 3 ph; d. c. mo. cir. 250 v; 200 kw. stm-turb. Kerr. (Co. also lts. Kevin.)

C L 3 75

**SACO**, 400—Saco Elec. Lt. Plant.
*Owner D. T. Gilbert...................Saco

1 d. c. West. 136 kw. 110 v; d. c. nt. ltg. cir. 110 v; d. c. mo. cir. 110 v; 30 hp. e. (gas) Rumbly.

City cont. 14 incs. 100 c. p. $27.30 per yr; all nt; kerosene 11½ cts. per gal.

C G L ✠ §95

**SALTESE,** 500—Saltese Elec. Lt. & Wtr. Co.; cap. oustg. $10,000.
*Pres. & Engr. Pwr. Sta.
H. E. Rogers..........................Saltese
V. Pres. Peter Peterson............ "
¶Sec. Treas. Mgr. & Cont. Agt.
F. J. Luedke......................... "
1 d. c. West. 50 kw. 250 v; d. c. nt. ltg. cir. 220 v; 90 hp. wtr. wh. Pelton.
City cont. ...
C L W ✠ 16

**SIDNEY,** 1,000—The Sidney Lt. & Pwr. Co.; cap. outstg. $30,000; no bds.
Pres. F. C. Hughes................Glendive
Sec. Ray Lowe.................... "
Treas. W. K. Watson.............. "
*Mgr. D. K. Carpenter.............Sidney
1 a. c. Minpl. 150 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 3 ph. 60 cys; 150 hp. e. Ham, Cor; 250 hp. b. Bros.
City cont. 35 incs. "C" 100 w. 6.6 amp. $[illegible]0.40 per yr; coal $2.25.
D L S 1 3 16

**SUPERIOR,** 200—H. Schoenfeld Elec. Lt. & Wtr. Plant; cap. $10,000.
*Pres. H. Schoenfeld ......Superior
Sec. Mrs. H. Schoenfeld.......... "
1 d. c. West. 20 kw. 220 v; d. c. ltg. cir. 220 v; 80 hp. turb. (wtr.) Pelton.
City cont. 800 incs. 16 c. p; moonlt. (Co. also lts. Iron Mountain.)
C L W ✠ 16

**THREE FORKS,** 1,300—Montana Pwr. Co. See Butte.

**TOWNSEND,** 759—Montana Pwr. Co. See Butte.
Local Mgr. A. E. Davidson... .Townsend
1 G. E. transf. 250 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 50 incs. series 80 w. $30.60 per yr; all nt.
D L 3 ✠ 75

**VALIER,** 850—Valier Townsite Co.; cap. $50,000.
Pres. James T. Stanford......Great Falls
V. Pres. James Stanford...........Valier
Sec. & Treas. R. W. Speir.......... "
*Mgr. W. L. Campbell............... "
¶ Gen. Supt. W. D. Emery..... .... "
Ch. Engr. Pwr. Sta. C. A. Stowell... "
1 a. c. T. H. 60 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110 v. s. ph. 133 cys; 75 hp. e. A. & S; 170 hp. b. Atlas Kew.
City cont 150 mazdas 75 c. p. 12 cts. per kw; all nt; coal $3.25.
L S 1 75

**VIRGINIA CITY,** 467—Economy Pwr. Co.; Pwr. plant at Blaine Spring, Madison Valley; cap. $84,000; no bds.
Pres. M. B. Elling ........Virginia City
V. Pres. J. H. Pankey....... " "
*Sec. & Treas. Karl Elling.. " "
¶ Mgr. & Cont. Agt.
E. R. Avery............. " "
1 a. c. West. 450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440 v; 600 hp. turb. (wtr.) Leffel.
City cont. 20 Tung. 100 w. $30 per yr; mdnt.
D L W 3 ✠ 16

**WALKERVILLE,** 2,491—Montana Pwr. Co. See Butte.

**WHITEFISH,** 1,479—Northern Idaho & Montana Pwr. Co. See Big Fork.

## NEBRASKA.

**ADAMS,** 647—Adams Elec. Lt. Co.; cost $7,000.
*Engr. Pwr. Sta. J. A. Barker.....Adams
1 a. c. Mpls. 25 kw. 110 v. 3 ph. 60 cys; d. c. day (mornings) & nt. ltg. & mo. cir; 40 hp. e. (gas) F. M. & Co.
City cont. 34 incs. Mazda $1.50 per yr; moonlt; coal $2.65.
C D L S 75

**AINSWORTH,** 1,043—Ainsworth Lt. & Pwr. Co. Gen. sta. on Plum Creek, 14 miles N. W. of Ainsworth.
Pres. R. F. Osborn.............Ainsworth
V. Pres. F. W. Sellors........ "
Sec. & Treas. C. F. Howe..... "
*¶ Mgr. & Cont. Agt.
W. V. Finney................ "
Engr. Pwr. Sta. C. R. Taylor.. "
Elecn. Erwin Ulrich.......... "
1 a. c. G. E. 150 kw. 2300 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 200 hp. wtr. wh. Smith.
City cont. 50 incs. 6.6 amp. 80 c.p. moonlt. (Contemplates erecting 20-mile trans. line.)
D L W 1 ✠ ★16

**ALBION,** 1,584—Albion Elec. Lt. & Pwr. Co.; cap. $26,000.
¶Pres. & Mgr. G. K. Pittenger....Albion
V. Pres. Dillon Robinson..........Omaha
Sec., Treas. & Engr. Pwr. Sta.
F. A. Pittenger....................Albion
*Supt. & Ch. Elecn. R. C. Burt... "
1 a. c. G. E. 125 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. (12:30 P. M.) ltg. cir. 110 v. 60 cys; a. c. day & nt. (12:30 P. M.) mo. cir. 220 v; 80 hp. e. (gas) F. M. & Co; 125 hp. turb. Leffel.
City cont. 80 incs. 50 c. p. carbon 125 w. $18 per yr; moonlt. mdnt.
D G L W 2 ✠ 75

**ALLIANCE,** 3,105—Munic. Wtr., Lt. & Pwr. Plant; cost $55,000.; no bds.
*Supt. J. E. Hughes..............Alliance
Engr. Pwr. Sta. Frank Ryckman "
2 a.c. Ft. W. tot. 350 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 535 hp. b. Erie; 340 hp. e. Lentz.
42 5-lt. posts 4 40-w. & 1 60-w; 104 incs. 6.6 amp. 80 c. p.; all nt; coal $2 25.
D L S 1 3 125

**ALMA,** 1,066—Munic. Elec. Lt. Plant; cost $27,000; bds. $25,000.
Mayor, J. G. Thompson..............Alma
Treas. H. M. Dayton................ "
Clerk R. E. Pitcher ... ............ "
*¶ Mgr. C. A. Feese.... ........... "
1 a. c. Bull. 60 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Mur. Cor; 180 hp. b. Mur.
80 city incs. 60 & 100 w. moonlt; coal $4.85.
L S 3 ✠ ★16†

**ANSELMO,** 351—Anselmo Elec. Lt. & Pwr. Co; cost $5,000; bds $400.
*Owners { Mgr. David Christen, Anselmo
J. F. Breshbuhl .... "
Engr. R. L. Richardson......... "
1 d.c. F. M. & Co. 15 kw. 115 v; d. c. day & nt. ltg. cir. 110 v; 25 hp. e. (oil) F. M. & Co; 35 amp. hr. stor. bat. E. S. B. 110 v.
City cont. 10 Mazdas "C" 100 w. 29 cts. per kwh. 12 30 P. M; oil 8½ cts. per gal.
C D G L ✠ §105

**ANSLEY,** 700—Munic. Elec. Lt. Plant.
*¶Pur. Agt. A. L. Butler ... .....Ansley
Engr. Pur. Sta. H. A. Albert...... "
1 a. c. Elec. Mch. 36 kw. 2,300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 122 v; a. c. day mo. cir. 122-244 v. 2 & 3 ph. 60 cys; 50 hp. e. (gas) I. H. C; 65 hp. wtr. wh. Leffel.
Oil.
D G L W 3 ✠ §36

**ARLINGTON,** 645—Arlington Lt., Ht. & Pwr. Co.; cap. $8,200.

Pres. C. C. Marshall..............Arlington
V. Pres. R. A. Davies .......... "
Sec. G. I. Pfeiffer............ "
Treas. F. D. Weber............. "
*Supt. & Engr. Pwr. Sta.
M. E. Winset.................. "

1 a. c. G. E. 60 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Minpl; 150 hp. b. Erie, Bateman.

City cont. 4 arcs mult; 17 incs. Tung; 2-300, 9-250 w. $48 per yr. & 6-60 w. $12 per yr; moonlt; coal $3.01.

L S 1 ✣ 114E

**ASHLAND,** 1,379—Ashland Lt. Mill & Pwr. Co.; cap. $15,000.
Pres. Randall K. Brown..........Omaha
V. Pres. J. E. Railsback.........Ashland
*¶Sec. Treas. & Mgr. F. E. White "
Ch. Engr. A. W. Waybright.... "
Engr. Pwr. Sta. C. C. Chapman. "

2 a. c. Ft. W, Bull. tot. 150 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. pn. 60 cys; 200 hp. turb. (wtr.) McCormick; 100 hp. e. Minpls; 80 hp. e (gas) F. M. & Co; 100 hp. b.——.

City cont. 85 tung. 40 w. $10.20 per yr. all nt; coal $4; oil 6½ cts. per gal.

D L S W 1 ✣ 125

**ATKINSON,** 810—J. Skrdla & Sons; cap. $6,000.
*Pres. & Mgr. Joseph Skrdla...Atkinson
V. Pres. Sec. & Treas. F. Skrdla. "
Engr. Pwr. Sta. J. E. Skrdla.... "

1 a. c. W. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 80 hp. e. (oil) F. M. & Co.; 70 hp. turb. (wtr.) Leffel.

City cont. 15 incs. 32 c. p. $24 per yr; all nt; oil 7 cts. per gal.

D G L W 3 ✣ 125

**AUBURN,** 2,729—Auburn Mutual Ltg. & Pwr. Co.; cap. $30,000; no bds.
Pres. E. H. Dort....................Auburn
V. Pres. V. M. Boal, M.D.......... "
Sec. & Mgr. E. C. Elliott.......... "
Treas. R. C. Boyd................. "
*Supt. E. C. Elliott ............... "
Engrs. Pwr. Sta. } Geo. Culwell.......... "
Engrs. Pwr. Sta. } Stephen Combs......... "

2 a. c. West. tot. 150 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s ph; 150 hp. e. Ham, Mur; 50 hp. (gas) e. F. M. & Co.; 250 hp. b. Frost.

Coal $3.75; oil $3.60.

D G L S 1 2 ✣ ★16

*Munic. Lt. Plant.
¶Mgr. C. A. Snider.................Auburn

1 a. c. Ft. W. -- kw. 2300 v. 3 ph. 60 cys; a. c. ltg. & mo. cir. 110 v; 70 hp. e. Rus; 250 hp. b.

300 city series incs; coal.

L S 3 94

**AURORA,** 2,800—The Aurora Elec. Co. (Controlled by Continental Gas & Elec. Corpn., Cleveland, O.); cap. $83,467.
Pres. Chas. P. Craft...............Aurora
V. Pres. W. H. Abbott..... Cleveland, O.
Sec. Geo. H. Harper......... "
Treas. C. S. Eaton.......... "
Gen. Mgr. J. B. Harvey.............York
¶Engrs. Abbott & Eaton....Cleveland, O.
Supt. A. L. Hickman.............Aurora
Engr. Pwr. Sta. M. D. Calkins.... "

2 a. c. West. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; a. c. day & nt. mo. cir. 220-2300 v; 425 hp. b. Spgf; 512 hp. e. Mur., Cor; also stm. htg. and 15-ton ice plant (York). Trans. from York.

City cont. 100 Tung. electroliers 60 w. $1 per mo; 102 series Tung 80-60-40 w. $1.75 per mo; moonlt; coal $4.20.

D H I L S 3 ✣ ★115†

**BARTLEY,** 511—Munic. Elec. Lt. Plant.
*Mgr. & Engr. Pwr. Sta.
J. A. Finnegan..................Bartley

1 d. c. G. E. 45 kw. 125 v; d. c. day & nt. ltg. cir. 110 v; 35 hp. e. (gas) I. H. C; 240 amp. hrs. stor. bat. E. S. B. 116-130 v.

36 city incs. 100 w. moonlt; kerosene 9¾ cts. per gal.

C D G L ✣ §26

**BEATRICE,** 9.356—Nebraska Gas & Elec. Co. See Norfolk.
Local Mgr. B. H. Conlee..........Beatrice
Ch. Engr. E. V. Capps........... "
Engr. Pwr. Sta. Chas. Engle...... "

2 a. c. G. E. tot. 275 kw. 2300 v. 3 ph, 60 cys; a. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 230 v; 400 hp. e. S. C. Mur; 650 hp. b. Bigelow, Erie City, Heine. Coal $3.10. (Trans. to Blue Springs and Wymore.)

D L S 3 ✣ 35

Munic Wtr. & Lt. Plant.
Clerk H. M. Garrett..............Beatrice
Comr. J. R. C. Field ............ "
*Ch. Engr. M. H. Watts......... "

2 a.c. Ft. W. tot. 250 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; 325 hp. e. Sknr; 450 hp. b. Kenney.

1 city arc A. B. 1200 c. p. $84 per yr; 250 incs. series 6.6 amp. 100 c.p. $18 per yr; 80 5-lt. electro. 100 & 60 W. $36 per yr; coal $3.

D L S 3 ★26

**BEAVER CROSSING,** 542—Beaver Crossing Elec. Lt. & Pwr. Co.; cap. outstg. $8,300.
Pres. John Geis..........Beaver Crossing
V. Pres. C. W. Doty...... "
*¶Sec. & Mgr. L. G. Gake "

Purchases energy from Blue River Pwr. Co; 1 Duncan transf; a. c. day & nt. ltg. cir. 110 v. 60 cys; no mo. cir.

City cont. 25 incs. metered; moonlt; mdnt.

D L ✣ ★16

**BEEMER,** 494—*Rehberg & Neeley. d. c. day & nt. ltg. cir. 110 v.

C D L §16†

**BENEDICT,** 336—Munic. Elec. Lt. Plant; cost $13,500; bds. $10,000.
Mayor F. Wirth..................Benedict
Sec. & Treas. E. J. Harbert..... "
*¶Mgr. & Gen. Supt. O. Canfield "

1 d.c. Ft. W. 35 kw. 200 v; d. c. nt. ltg. cir. 110 v; 35 hp. e. (gas) Alamo.

City cont. 36 incs. Tung. 60 w. $9 per yr; mdnt; oil 6 cts. per. gal.

C G L ✣ 125

**BENSON,** 3,170—Omaha Elec. Lt. & Pwr. Co. See Omaha.

**BETHANY,** 948—Munic Lt. Dept.
*Comr. Sigel Matson.............Bethany

Energy purchased from Lincoln Trac. Co.; a.c. day & nt. lt. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

Moonlt.

D L 3 125

**BLAIR,** 2,584—Nebraska Gas & Elec. Co See Norfolk.
Local Mgr. W.E. McFadden,
Missouri Valley, Ia.
Engr. Pwr. Sta. H. L. Morris.......Blair

2 a. c. West. tot. 200 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. e. T. C, S. C; 250 hp. b. Kew, Sioux; interchange of energy with Missouri Valley plant of Iowa Gas & Elec. Co.; 2 transf. Westg. tot. 200 kw.

City cont. 4 arcs 6 amp. $75 per yr; 125 incs; moonlt. all nt; coal $3.25.

D L S 3 35

Munic. Ltg. Plant; bds. $35,000.
*¶Pur. Agt. & Supt. C. O. Martz....Blair

2 a. c. West. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 385 hp. e. Sknr; 300 hp. b. Mur.

120 city incs. "C" 100 c. p. moonlt; coal $1.55. (Contemplates erecting trans. line.)

D L S 3 §125

**BLOOMFIELD,** 1,264 — Bloomfield Elec. Co.

*Propr. Lew B. Knudsen......Bloomfield
Engr. Pwr. Sta.
L. V. Petersen.............. "

1 a. c. Elec. Mch. 100 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 50 hp. e. (gas) Ingeco.

City cont. 50 series incs. 12½ per kw. hr; 1 A. M; kerosene 5 cts. (Will establish 24-hr. service and install oil engine.)

G L 3 ✣ 125

**BLUE HILL,** 761—*Munic. Elec. Lt. Plant.

Sells energy to The Webster County Lt. & Pwr. Co.

L §26†

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The Webster County Lt. & Pwr. Co.; cap. outstg. $4,000; cost $5,000.

*Pres. C. F. Gund..............Blue Hill
V. Pres. Jacob Goll.............. "
Sec. & Treas. F. T. Hopka...... "

Purchases energy from the village of Blue Hill and sells to the village of Bladen.

T §26

***BOELUS,** 233—Central Pwr. Co. See Grand Island.

**BRADSHAW,** 359—York Gas & Elec. Co. See York.

**BRIDGEPORT,** 541 — The Bridgeport Elec. Lt. & Pwr. Co.; cap. outstg. $11,600; no bds.

Pres. James L. Tout...........Bridgeport
V. Pres. M. Hannawald........ "
*Sec. & Mgr. J. E. Le Blanc.... "
Treas. M. Spanogle............ "
Engr. Pwr. Sta. F. Brown..... "

2 a.c. Ft. W. tot. 60 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 112 v; 70 hp. e. (gas) I. H. C; 20 hp. e. (oil) Muncie.

City cont. 45 tung. 40 & 60 c.p. $10 & $15 per yr; moonlt; gasoline & distillate 12½ & 4¼ cts.

G L 3 25

**BRISTOW,** 175—Munic. Wtr. & Elec. Co.; bds. $8,000.

*Village Clerk, Frank Talich.....Bristow

1 d. c. W. E. 17½ kw. 250 v; d. c. day & nt. ltg. cir. 115 v; 25 hp. e. (gas) Internl.

11 city Mazdas 100 w. $12 per yr; all nt; gas.

C G D L §26

**BROKEN BOW,** 2,260—Custer Elec. Co.; cap. $25,000.

Pres. F. M. Currie...........Broken Bow
Sec. & Mgr. —— —— ....... "
*Treas. C. S. Martin.......... "

1 a. c. G. E. 125 kw. 2300v. 3 ph. 60 cys; 150 hp. e. Allis-C, Cor; 225 hp. b. Frost; also 10-ton ice plant.

City cont. 80 Tung. 250 & 100 w. $57.85 & $29.45 per yr; Phila. moonlt; coal.

I L S 3 ✣ ★16

**BRUNING,** 853—Munic. Lt. & Wtr. Plant.

Pres. Bd. J. H. Casper...........Bruning
Clerk, G. G. Bruckert........... "
Treas. W. B. Wessel............. "
*Ch. Engr. J. R. Marker......... "

1 d. c. Ft. w. 140 amp. 110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir; E. S. B. stor. bat. 110 v.

88 city Mazdas 60 w. $7.20 per yr; 6 hrs; distillate 3½ cts. per gal.

C D L §26

**BUTTE,** 550— Elec. Lt. Plant.

*Owner & Mgr. J. C. Hoffman......Butte

1 a. c. West. 75 kw. 440-220 v. 3 ph. 60 cys; a. c. mo. cir. 440 v; 65 hp. e. (gas) F. M. & Co.

11.30 P. M; coal $10.65.

G L 3 ✣ 44†

**CALLAWAY,** 765—Callaway Milling & Elec. Lt. Co.; cap. $75,000; bds. $25,000.

Pres. Frank L. Haycock.........Callaway
*Sec. Treas. & Mgr. E.H.Young. "

2 a. c. F. M. & Co. Elec. Mch. tot. 130 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v; 75 hp. e. (gas) Foos; 125 hp. turb. (wtr.) I X L.

City cont. 25 series Tung. 80 c. p. $25 per yr; moonlt. midnt; gasoline.

D G L W 3 ✣ 16

**CAMBRIDGE,** 1,029 — Munic. Lt. & Wtr. Wks.

Mayor, S. H. Keith.............Cambridge
Clerk, C. A. Perry.............. "
Treas. James Kelly.............. "
*Supt. & Engr. Pwr. Sta.
P. B. Cole.................... "

2 d. c. Independent tot. 125 kw. 110 v; 170 hp. e. (oil) Sheffield.

City cont. 68 incs. 60 c. p; moonlt; oil 6⅝ cts. per gal.

C G L ✣ ★16

**CAMPBELL,** 573 — Munic. Elec. Lt. Plant.

Chmn. Bd. Dolar Roulier.......Campbell
*City Engr. C. E. Tipton........ "

d. c. day & nt. service; oil eng; stor. bat.

C G D L §16†

**CEDAR BLUFFS,** 500—Munic. Elec. Ltg. System; cost $8,000; bds. $6,000.

Pres. Bd. W. E. Acker.......Cedar Bluffs
Sec. J. H. Macprang......... "
*¶Mgr. L. J. Schere......... "

Energy purchased from Fremont Gas Elec. Lt. & Pwr. Co; trans. 2300 v. s. ph. 60 cys; 6 transf. West. tot. 35 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

20 city arcs 60 c. p. and 5 arcs 200 c. p.

D L 1 ✣ ★125

**CEDAR RAPIDS,** 576—*Van Ackern Bros.

1 d. c. G. E. — kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 65 hp. e. (gas) Internl; 80 hp. wtr. wh.

C D G L W ✣ §16

**CENTRAL CITY,** 2,428—Munic. Lt. & Wtr. Wks; bds. $17,500.

Pres. Bd. L. Staats .......Central City
V. Pres. Tom Costello....... "
Sec. Will Kerr.............. "
Treas. Mrs. Blake........... "
*¶Mgr. & Cont. Agt.
Leonard Anderson......... "
Engrs. Pwr. Sta. { J. C. Jackson..... "
{ Claude Willoughby "

2 a. c. Ridgway tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Ridgway; 250 hp. b. Murray.

40 5-lt. electro. 40 & 100 w; 65 incs. series, 100 w. 80 c. p. $18 per yr; all nt; coal $3.75. (Will secure energy from Grand Island.)

D L S 3 ★115†

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Central Power Co. See Grand Island.

**CHADRON,** 2,687—The Intermountain Ry., Lt. & Pwr. Co. For executive officers, see Lamar, Colo.

Supt. J. F. Mote...............Chadron

2 a. c. C. W. 150 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 250 hp. e. Ball; 250 hp. b. Frost.

City cont. 9 arcs 6.6 amp. $96 per yr; 43 incs. 60 c. p. 6.6 amp. $30; all nt; coal $4.

L S 3 ✣ 25

**CHAPPELL**—Munic. Wtr. & Lt. Plant; bds. $13,000.
*City Clerk, M. P. Jensen..........Chappell
50 hp. (gas) e. F. & M; a. c. 3 ph.
11 P. M; gas & oil.
G L 3 125

**CLARKSON**, 344—Munic. Elec. Lt. Plant; cost $8,000; no bds.
Chmn. F. W. Noh................Clarkson
Clerk, Jos. Mluarik.............. "
Treas. Adolph Dudek.............. "
*¶Supt. & Engr. Pwr. Sta.
L. J. Roubineck ................ "
1 a. c. Ft. W. 50 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e. Erie; 85 hp. b. Erie.
10 city nitro. lamps "C" 750 w; 25 incs. 100 w; 11 P. M; coal $4.55.
L S 1 ✠ ★16

**CLAY CENTER**, 1,065—M. M. Johnson Elec. Lt. & Pwr. Co.
Pres. & Mgr. H. H. Johnson..Clay Center
*¶ Supt. B. C. Robinson........ "
Engrs. Pwr. Sta. { John H. Linton........ "
Al Kinnear........ "
2 a. c. West, Ideal tot. 225 kw. 2300 v. 3 ph. 60 cys; trans. volt 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 275 hp. e. Mur, Erie; 300 hp. b. Erie; also stm. htg.
City cont. 56 series incs. "C" 100 c. p. 5.5 amp. $9 per yr; moonlt; coal $4; refuse; 13,200 v. s. ph. trans. line to Glenvil.
D H L S 1 3 ✠ 125

**COLLEGE VIEW**, 1,508—The Lincoln Traction Co. See Lincoln.

**COLON**, 160—*Munic. Elec. Lt. Plant.
Engr. Pwr. Sta. ——————........Colon
1 d. c. Northn. 250 v. d. c. nt. ltg. cir. 220 v; 25 hp. e. (gas) Olds.
10 city incs. 32 c. p. $6 per yr; 11 P. M; gasoline $25 per mo.
C G L ✠ 23

**COLUMBUS**, 5,014—Columbus Lt., Ht. & Pwr. Co. (Controlled by Union Co. of Omaha).
V. Pres. & Mgr. Willis Todd......Omaha
3 a. c. Allis C. tot. 795 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 2300-440-220 v; 1000 hp. e. Ball, Bckye; 800 hp. b. Mur, Heine.
City cont. 37 magn. arcs 6.6 amp. & 105 series Tung. 6.6 amp; moonlt; coal $4.25.
D L S 3 ✠ ★16

**COZAD**, 1,096—Cozad Elec. Lt. Co.
*Supt. E. N. Davis...................Cozad
2 d. c. G. E. Peerless, tot. 55 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 75 hp. e. (oil) I. H. C.
City cont. 64 Mazdas 40 c. p. $2.40 per mo. all nt; kerosene 7¼ to 9½ cts. per gal.
C D G L ✠ §115

**CRAB ORCHARD**, 274—Munic. Elec. Lt. Plant; bds. $2,850.
Pres. Vil. Bd. O. A. Bailey...Crab Orchard
Sec. O. J. Werner.......... "
Treas. J. M. Platt.......... "
*Gen. Supt. John L. Redmond "
Ch. Engr. Clarence Walters "
1 d. c. W. E. 30 kw. 125 v; d. c. nt. ltg. cir. 110 v; 45 hp. e. Otto (gas); 45 hp. gas pro. Otto.
City cont. 25 incs. 50 w. $6 per yr; moonlt; coal $6.70.
C G L 75

**CRAWFORD**, 1,700—The Intermountain Ry., Lt. & Pwr. Co. For executive officers see Lamar, Colo.
Engr. Pwr. Sta. Ed Poquett.....Crawford
2 a. c. C. W. tot. 180 kw. 2300-110 v. 3 ph. 60 cys: a. c. nt. ltg. cir. 110 v. 60 cys; 300 hp. e. Sknr; 350 hp. b. Vincent, Kinney.
City cont. 55 series tung. 60 c. p. 6.6 amp; 3 series tung. 200 c. p. 6.6 amp; all nt; coal $2.90. (Trans. to Ft. Robinson.)
L S 3 ✠ 25

**CREIGHTON**, 1,378—Creighton Gas, Elec. Lt. & Pwr. Co.; 1 stm. sta. at Creighton and 2 hydro-elec. stas. on Bazills Creek; cap. outstg. $29,000; no bds.
Pres. & Treas. Alice C. Hough, Creighton
*Sec. & Mgr. S. S. Hough...... "
Ch. Engr. E. Stochl...... ..... "
Engr. Pwr. Sta. W. Croos...... "
3 a. c. G. E. tot. 240 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 175 hp. e. Shepherd, Mur; 250 hp. b. Erie, Mur: 85 hp. wtr. wh. McC.
City cont. 82 series Mazdas 4 amp. 32 c. p. $9 per yr; moonlt; mdnt; coal $4.75. (Also lts. Bazills Mills and Winnetoon.)
D L S W 3 ✠ ★125

**CRETE**, 2,404—Munic. Elec. Lt. & Wtr. Wks.; cost $25,000; bds. $3,000.
*Treas. Fred Mrkvicka..............Crete
¶ Mgr. & Supt. E. G. Campbell...... "
Energy purchased from Crete Milling Co.; 19 trans. West. G. E. tot. 130 kw; a. c. day & nt. ltg. cir. 112 v; a. c. day & mo. cir. 220 v. 3 ph. 60 cys.
96 series incs. 200 c. p.; moonlt.
D L 3 ✠ 16

**CROFTON**, 610—Munic. Elec. Lt. & Wtr. Plant; cost $5,000.
*Clerk, J. Rufenrath..............Crofton
1 d. c. Ft. W. 30 kw. 220 v; 50 hp. e. (gas) Internatl.
C G L 75

**CURTIS**, 1000—Munic. Elec. Lt. Plant; cost $14,000; bds. $13,500.
Mayor L. B. McCowin...............Curtis
*Clerk P. E. Adams.................. "
Treas. Guy Carr..................... "
¶ Supt. & Engr. Pwr. Sta.
S. L. Barber........................ "
1 d. c. Ft. W. 50 kw, 110 v; d. c. day & nt. ltg. & mo. cir; 55 hp. e. (oil) Webber; 8 amp. hr. stor. bat.
Oil.
C D G L ★16

**DAVENPORT**, 484—Elec. Lt. Plant.
*Mgr. C. H. Buck..............Davenport
Engr. Pwr. Sta. W. F. Sanner.. "
1 d. c. Northn. 50 kw. 250 v; no day cir; 70 hp. e. Atlas; 70 hp. b. Atlas.
City cont. 22 incs. 120 w. $1.50 per yr; coal $4.40.
C L S ✠ 125

**DAVID CITY**, 2,177—Munic. Elec. Lt. & Wtr. Wks; cost $40,000; bds. $20,000.
Mayor R. J. Evans.............David City
*¶ Mgr. F. Harbican...... .... "
Engrs. Pwr. Sta. { Arthur King "
John Elliott "
2 a. c. Northern tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 150 hp. e. Mur; 150 hp. b. Amer; 150 hp. e. (oil) F. M. & Co.
125 series nitro. lamps 100 w; 72 5-lt. electro; moonlt; mdnt; coal $3.90.
D G L S 1 3 ✠ ★115†

**DESHLER**, 609—Deshler Lt. & Pwr. Co.; cost $8,000.
Owners { *Mgr. J. H. Bockenkamp Deshler
F. H. Bockenkamp..... "
1 a. c. West. 50 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300 v. 3 ph. 60 cys; 70 hp. e. (gas) I. H. C.
City cont. 18 5-lt. electro. 40 & 60 w; 25 incs. 80 c. p; tot. $75 per mo; moonlt; gasoline and kerosene 20 cts. & 8¼ cts. (Will install a steam plant).
G L 3 ✠ ★16†

**DE WITT,** 675—Munic. Elec. Lt. & Pwr. Co; bds. $12,000.
*Mayor J. A. Sire..................De Witt
Clerk C. A. Fowler.............. "
Supt & Engr. Pwr. Sta.
R. H. McReynolds............. "
2 d. c. West. tot. 57½ kw. 220-110 v; 200 amp. hrs. stor. bat. 125 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir. 220 v; 70 hp. e. (oil) Alamo.
City cont. 56 Tung. 60 & 100 w; moonlt; oil 5 cts. per gal.
C D G L ✠ ★125

**DODGE,** 661—Munic. Elec. Lt. Plant. cost $20,000.
Mayor, Thos. Vogltonce..............Dodge
Clerk, Jas. H. Hook ............ "
Treas. A. J. Hasson..... ..... "
*Engr. Pwr. Sta., Jos. G. Vosacek "
1 d. c. F. M. & Co. 15 kw. 220 v; d. c. nt. ltg. cir. 220 v; 25 hp. e. (oil) F. M. & Co. coal $8.55.
C G L ✠ ★125

**DONIPHAN,** 399—Doniphan Elec. Lt. & Pwr. Co.; cap. $5,000; no bds.
Pres. H. E. Funk................Doniphan
V. Pres. C. A. Stone............ "
*¶Sec. R. L. McMullin......... "
Treas. C. T. Young............. "
Energy purchased from Grand Island Elec. Co.; 3 transf. G. E. tot. 135 kw.
L 104

**EDGAR,** 1,080—Munic. Lt. & Pwr. Plant; cost $4,000; bds. $4,000.
Mayor, A. J. Lepper.................Edgar
Clerk, W. J. Breckenridge.......... "
Treas. F. A. Voorhees............... "
*Gen. Supt. R. C. Strawser.......... "
Ch. Engr. W. H. Strawser.......... "
1 d.c. Northn. 50 kw. 250 v; d. c. nt. ltg. & mo. cir. 220 v; 750 hp.e. Atlas; 75 hp.b. Atlas.
1 city arc A. B. 400 c. p; 38 incs. 32 c.p; moonlt; coal $3. (Rebuilding plant; changing system to a. c. 3 ph. 2300 v.)
C L S ✠ 125

**ELWOOD,** 635—Munic. Elec. Lt. & Wtr. Wks.; cost $6,500.
*Sec. E. T. Grunder.................Elwood
Treas. E. Shallenberger........... "
Supt. O. E. Coate.................. "
1 d. c. West. 18 kw. 250 v; d. c. day & nt. ltg. cir. 110 v; 35 hp. e (oil) Alamo; 7½ hrs. 10 amp. 110 v. stor. bat. E. S. B.
31 city tung. 150 w; moonlt; kerosene 9¼ cts.
C D G L ✠ 14

**EUSTIS,** 403—Eustis Elec. Lt. & Pwr. Co; cap. $10,000.
Pres. C. J. Miles......................Eustis
V. Pres. S. E. Peck.................. "
*¶ Sec., Treas. & Mgr. E. C. Murry "
1 d. c. F. M. & Co. 115 kw; 115 amp. hr.-stor. bat; d. c. day & nt. ltg. cir. 108 v; 32 hp. e. (gas) F. M. & Co.
City cont. 12 incs. 60 c. p. mdnt. $18 per yr; kerosene 6½ cts. per gal.
C D G L ✠ §85

**EXETER,** 916—Exeter Elec. Lt. & Pwr. Co.
*Owner & Mgr. Chas. C. Smith....Exeter
Engr. Pwr. Sta. Wm. Alexander.. "
4 d. c. G. E. tot. 100 kw. 125 v; 1 a. c. Roth. 15 kw. 220 v. s. ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 42 hp.e. (gas & oil) Otto, H-A; 75 hp. e. Mur, Cor; 250 hp. b. Lyons, Mur; 35 kw. stm. turb. G. E.
City cont. 37 Mazdas 60 w. $21 per yr; 9 Mazdas 100 w. $30 per yr; all nt; coal $4; oil 4 cts; gasoline 15 cts.
C D G L S 1 ✠ 125

**FAIRBURY,** 5,294—Munic Elec. Lt. & Wtr. Plant; cost $152,000; bds. $115,000.
Mayor, E. W. Mason.............Fairbury
Pres Bd. A. M. Hungerford..... "
Clerk, W. E. Wonder............ "
Treas. Dave Funk................ "
*¶ Mgr. & Engr. G. D. Myers.... "
3 a. c. West. Minpl. Ft. W. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 460 hp. e. Mur, Allerson; 225 kw. turb. (stm.) West; 500 hp. b. Kenney.
124 city tung. series 80 c. p; all nt; coal $3.78. (Also lts. Janson.)
D L S 1 3 ★125

**FAIRFIELD,** 1,054—Munic. Elec. Lt. Plant.
*City Clerk, T. P. Shinely.........Fairfield
Supt. John Hurr.................. "
L 44†

**FAIRMONT,** 921—Fairmont Elec. Lt. & Wtr. Co. (Owners *T. J. and Lillian Bender.)
¶Cont. Agt. Hubert Bender......Fairmont
Engr. Pwr. Sta. Ward Marget... "
2 d. c. W. E. 162½ kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 85 hp e. Sknr, W. E; 105 hp. b. Frost, Kew.
City cont. 33 Tung. tot. $100 per mo; mdnt; coal $3.50-$4.25.
C D L S ✠ 75

**FALLS CITY,** 3,255—Munic. Elec. Lt. Plant; cost $62,000; cap. $50,000.
Wtr. & Lt. Comm. { Chmn T. J. Gest..Falls City
John Mosiman.... "
A. J. Weaver...... "
*Gen. Supt. G. E. Jaquet........ "
Supt. Ovhd. Distrbn. F. I. Rea. "
Engr. Pwr. Sta. J. F. Martin... "
3 a. c. Warren Allis C. tot. 350 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 250 hp. e. Erie; 400 hp. b. Erie, Lyons; 100 kw. stm. turb. Kew.
54 5-lt. standards "white way" and 260 incs. 100 w; 3000 hrs; coal $3.35.
D L S 2 ★16

**FLORENCE,** 1,526—Omaha Elec. Lt. & Pwr. Co. See Omaha.

**FRANKLIN,** 949—Munic. Elec. Lt. Plant; bds. $8,500.
*Mayor, W. A. Whitwood........Franklin
Clerk, Henry Plank............. "
Treas. A. R. Peck................ "
Mgr. City Council............... "
¶ Supt. & Engr. Pwr. Sta.
A. S. Creighton................Franklin
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v.; 75 hp. e. (gas) Sheffield.
50 city tungs. 60 c. p; moonlt; oil $5.85 per bbl.
G L 3 ✠ 14

**FREMONT,** 8,718—Fremont Gas, Elec. Lt. & Pwr. Co.; cap. outstdg. $[illegible]00,000; bds. outstdg. $41,000. (Controlled by Henry L. Doherty & Co., 60 Wall St., New York, N. Y.)
Pres. Henry L. Doherty
60 Wall St., New York, N. Y.
V. Pres. R. W. McGinnis........Fremont
¶ Sec. L. W. Phillips............ "
Treas. & Mgr. W. H. Merritt.... "
Cont. Agt. K. W. Grahams...... "
*Supt. H. C. Feuers.............. "
Engr. Pwr. Sta. Chas. Gleason.. "
4 a. c. West. G. E. tot. 530 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 800 hp. e. Ideal, Penn. Bckye; 850 hp. b. Bab. & W. Atlas.
Coal $3. (Also sells energy to town of Cedar Bluffs.)
D L S 3 ✠ ★125

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Munic. Elec. Lt. & Wtr. Wks. Cost $225,000; bds. $50,000.

*Wtr. & Lt. Comr. L. D. Wright...Fremont
3 a. c. Allis-C, Ft. W. tot. 1000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Bckye; 750 kw. stm. turb. Allis-C; 750 hp. b. Wickes; also stm. htg.
400 tung. series, 400, 200, 80 & 60 c. p; moonlt; coal $3.15.
D H L S 3 ✠ 25

**FRIEND**, 1261—Munic. Elec. Lt. & Wtr. System; cost $21,500; bds. $8,000.
Mayor, C. E. Bowlby..............Friend
Clerk, H. E. Brickley.............. "
*¶Mgr. & Cont. Agt. L. S. Frantz... "
Engr. Pwr. Sta. N. Miller............ "
Purchases energy from Blue River Pwr. Co; reserve equipt: 1 a. c. W. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 06 cys; 150 hp. e. Atlas; 300 hp. b. Atlas, Frem't.
108 city tung. series 100 c. p. 6 cts. per kw; 28 5-lt posts 1-60 w. & 4-40 w. 6 cts. per kw; midnt. moonlt; coal $4.22.
D L S 1 3 ✠ 114 E

**FULLERTON**, 1,638 — Fullerton Elec. Lt. & Pwr. Co.; cap. $20,000; no bds.
Pres. Chas. E. Peterson.........Fullerton
V. Pres. J. A. Storch........... "
*Sec. & Mgr. C. N. Philbrick... "
Treas. W. P. Hatten............. "
Supt. Wm. E. Wolters........... "
2 a. c. West, Ft. W. tot. 175 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg cir. 105 v; a. c. day & nt. mo. cir. 2200-440 v; 240 hp. turb. (wtr.) Leffel; 170 hp. e. (gas) Sheffield; 10-ton ice plant (Jewell).
City cont. 3 arcs A. B. 500 w. $84 per yr; 88 incs. 32 c.p. $12 per yr; moonlt; mdnt; oil (auxl.)
D G I L W 2 ✠ ★125

**FUNK**, 300—Funk Lt. & Pwr. Plant; cost $3,050.
*Owner, A. S. Erickson...............Funk
1 d. c. F. M. & Co. 10 kw. 110 v; d. c. ltg. & mo. cir. 110 v; no day cir.
City cont. 8 incs. 11 P.M.: oil 9 cts.
C G L ✠ 25

**GENEVA**, 1,741—Geneva Elec. Co.; cap. $35,000.
*¶ Owner & Mgr. G. F. Skinkle. .Geneva
Supt. O. A. Clark................. "
Engr. Pwr. Sta. Emery Mills...... "
2 a. c. Ft. W. tot. 225 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. (6 A.M.-12 P. M.) ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. Atlas; 200 hp. b. Atlas; 6 ton ice plant; also stm. htg.
City cont. 6 arcs enc. 6.6 amp. $96 per yr; 78 Mazdas series 60 w. $21 per yr; moonlt. mdnt: coal $4.
D H I L S 3 ✠ ★125

**GENOA**, 1,376—Munic. Elec. Lt., Pwr. & Wtr. Plant; cost $15,500.
Mayor, C. R. Wright..................Genoa
Clerk. F. M. Osborne.................. "
Treas. A. M. Mollen.................. "
*¶Mgr. & Ch. Engr. R. M. Farris... "
Engr. Pwr. Sta. E. L. Lundberg... "
1 a. c. Warren 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. Erie; 150 hp. b. Frost; 22 hp. e. (gas) Otto.
11 city arcs 500 w; 65 incs. 6.6 amp; moonlt; coal $4.10.
G L S 3 ★125

**GERING**, 1,140—C. & R. Elec. Co. See Scottsbluff.

**GERMANTOWN**, 275—*Germantown Lt. & Pwr. Co.
Purchases energy from Blue River Pwr. Co.
L §125†

**GIBBON**, 718—Kearney Wtr. & Elec. Pwr. Co. See Kearney.
Engr. Pwr. Sta. F. Comstock.....Gibbon
1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 89 hp. e. (oil) M. & W.
City cont. 28 incs. 100 w. $18.75 per yr; 18 cts. per kw; moonlt; oil $4.75 per tank car.
G L 3 ✠ ★125

**GILTNER**, 350—*Munic. Elec. Lt. Plant.
Village Clerk, O. L. Jermett......Giltner
1 a. c. F. M. & Co. 60 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 3 ph. 60 cys; 70 hp. e. I. H. Co; 80 hp. b. Kew.
15 city incs. 32 c. p. $16 per yr; moonlt. 12 p. m; coal $4.50.
D L S 3 ✠ 22

**GLENVIL**, 304—M. M. Johnson Elec. Lt. & Pwr. Co. See Clay Center.
a. c. day & nt. ltg. cir. 110 v. 60 cys.
D L 125

**GOTHENBURG**, 1,730 — Gothenburg Lt. & Pwr. Co.; cap. $130,000; no bds.
Pres. Fred Vogel, Jr..........Gothenburg
*V. Pres. & Mgr. W. P. Byron "
Sec. & Treas. Geo. A. West.... "
¶Pur. Agt. C. E. Strable...... "
Supt. R. D. Greenlee......... "
2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 & s. ph 60 cys; 400 hp. e. Allis-C; 400 hp. b. C. & T.; 500 hp. turb. (wtr.) S. & B.
City cont. 75 Mazdas 40 w. $24 per yr; all nt; coal $4.
D L S W 1 3 ✠ ★125

**GRAFTON**, 353—Munic. Elec. Lt. & Wtr. Wks.; cost $15,000.
*¶Village Clerk (Mgr.)
E. D. Charles.......................Grafton
1 d. c. West. 17 kw. 110 v; Nat'l stor. bat; day & nt. ltg. cir; 30 hp. e. (gas) Alamo.
40 city Mazdas 60 & 100 w; 11 P. M.
C D G L 16

**GRAND ISLAND**, 10,326—Central Pwr. Co. (Successor to Grand Island Electric Co.); stm. plant, Grand Island and hydro-electric plant, Boelus. (In Sept. 1915, purchased the property of St. Paul Elec. Wks.); cost $1,500,000; bds. $600,000.
Pres. B. E. Sunny..........Chicago, Ill.
V. Pres. M. J. Insull.......... "
Sec. W. H. Weston............ "
*Treas. & Mgr. T. H. Fritts. Grand Island
Audr. R. F. Pfeiffer......... "
¶Pur. Agt. A. C. Street....... "
Ch. Engr. Jim Dowger.......... "
Engrs. Dave Parker...... "
Pwr. Sta. Chris. Nyrope...... "
3 a. c. G. E. tot. 2500 kw. 2300 v. 3 ph. 60 cys; trans. volt. 23,000-6600 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 2200 hp. turb. (stm.) G. E; 4 00 hp. turb. (wtr.); 300 hp. e. Bckye; 2000 hp. b. Heine, Kew; also ice plant.
Coal $3.70. (Lts. Boelus, Cairo, Abbott, Taylor, Doniphan, Dannebrog. St. Paul, Central City, Chapman and Alda and sells energy to City of Wood River.)
D I L S W 1 3 ✠ ★125

Munic. Elec. Lt. Plant; cost $55,000; bds. $35,000.
Mayor, C. G. Ryan..........Grand Island
City Clerk, H. E. Clifford... "
Treas. Max J. Egge.......... "
*Supt. J. C. McAuley....... "
Engr. Pwr. Sta. J. J. Owens.. "
3 a. c. Bull. Allis-C. tot. 725 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.

60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; — hp. e; 750 hp. b. Erie.
150 city incs. 250 c. p. 6.6 amp. $36 per yr; moonlt; coal $3.90.
D L S 1 3 ✠ ★16

**GRESHAM,** 344—Elec. Lt. Plant.
*Owner & Mgr. W. N. Hylton...Gresham
1 d. c. West. 30 kw. 110 v; no day cir; 30 hp. e. (oil) Muncie.
City cont. 1500 tung. 40 w. $9 per yr; coal $2.92.
C G L ✠ 75

**HAMPTON,** 383—York Gas & Elec. Co. See York.

**HARTINGTON,** 1,413 — Hartington Elec. Co.
*Prop., R. B. Knudson........Hartington
2 a. c. West. tot. 60 kw. 2200 v. 3 ph. 60 cys; no day cir; 100 hp. e. (gas) Alamo, Ingeco.
G L 3 ★36†

**HARVARD,** 1,102—The Harvard Elec. Co.: cap. $17,100; cost $23,000; no bds.
Pres. H. G. Thomas..............Harvard
V. Pres. N. E. Pearson.......... "
*¶Sec., Mgr. & Cont. Agt.
A. W. Person.................... "
Treas. J. E. Person............... "
Engr. Pwr. Sta. Geo. Crowder... "
3 d. c. West, F. M. & Co. tot. 160 kw. 220 v; d. c. day & nt. ltg. cir. 230 v; d. c. mo. cir. 220 v; 150 hp. e. Murray; 125 hp. b. Murray; 50 hp. e. (gas) F. M. & Co.
City cont. 53 Mazdas mult. 60 w. $21 per yr; 16 4-lt. electroliers, Mazdas 40 w. $2 60 per mo; moonlt; coal $4.25; fuel oil 3 cts
C D G L S ✠ 16

**HASTINGS,** 9,388 — Munic. Elec. Lt. Plant; cost $185,527.
Mayor, W. Madgett..............Hastings
Clerk, A. T. Bratton .......... "
Treas. E. Hoeppner............. "
*¶Mgr. Ch. Engr. W. S. Watson "
Engr. Pwr. Sta. A. La Brie ..... "
8 a. c. West, Allis-C. tot. 1450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 kw. e. Allis-C; 900 hp. b. Spgf; 1250 kw. stm. turb. West.
City cont. 228 incs. series 250 c. p; 230 incs. series 60 c. p: 186 5-lt. clusters mult. 200 c. p; moonlt. all nt; coal $3.91.
D L S 3 ✠ 125

**HAVELOCK,** 2,680—Havelock Elec. Lt. Co.; cap. $15,000; bds. $10,000.
*¶Pres. Mgr. & Supt.
F. H. Wheeler..................Havelock
V. Pres. E. E. Anderson......... "
Sec. Wm. Seelenfreund...........Lincoln
Treas. V. F. Hoffman...........Havelock
Purchases current of Lincoln Gas & Elec. Co; 10 transf. West, Maloney tot. 115 kw. 2200-220-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys.
City cont. 2 arcs; 63 incs. 100 w. 15 cts. per kw.
D L 1 3 22

**HEBRON,** 1,778—Munic. Elec. Lt. & Pwr. Plant.
*Mgr. H. M. Beard................Hebron
Cont. Agt. City Council............ "
¶Pur. Agt. J. G. Wright........... "
Ch. Engr. Fred. Johnson......... "
2 a. c. Ft. W. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c day & nt. mo. cir. 220 v; 190 hp. e. Erie, Allis-C; 250 hp. b. English. Atlas.
32 5-lt. electro. 40 & 60 w; 26 city incs. series 6.6 amp; tot. $1000 per yr; moonlt; coal $4.
D L S 3 ✠ ★16

**HENDERSON,** 391—Merchants Lt. Co.
*Pres. J. J. Morse..............Henderson
Sec. & Treas. J. Thieszen......Henderson
d. c. 220 v.
C L §16†

**HERMAN,** 345—*Schenck & McDonald.
d. c. day & nt. ltg. cir. 110 v; 45 hp. gas e; stor. bat.
C D G L §16†

**HOLDREGE,** 3,030 — Intermountain Ry. Lt. & Pwr. Co. (Purchased property of the Holdrege Ltg. Co.) For executive officers, see Lamar, Colo.
Supt. J. W. Eash.................Holdrege
Engr. Pwr. Sta. Paul Keller..... "
3 a. c. G. E, Allis-C. tot. 350 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 150 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 400 hp. e. Rus. Ball, Allis C. Diesel (oil); 150 hp. b. Mur, Penn; also 10-ton ice plant (Carbondale.)
City cont. 125 series tung. 60 & 200 c. p; moonlt; coal $3.85. (Also lts. Funk, Wilcox and Hildreth.)
D G I L S 3 ★16†

**HOLMESVILLE,** 272 — Holmesville Mill & Pwr. Co.; cap. $30,000.
*Pres. J. H. Steinmeyer.........Beatrice
¶Sec. Treas. Mgr. & Cont. Agt.
G. W. Steinmeyer............... "
Engr. Pwr. Sta. R. W. Ewing..Holmesville
2 a. c. Allis C. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 500 hp. wtr. wh. Lef.
D L W 1 3 23

**HOOPER,** 900—Hooper Elec. Lt. & Pwr. System; cap. $7,000.
*¶Owner & Mgr. M. E. Shipley...Hooper
Sec. & Cont. Agt.
Trajan C. Shipley............... "
Engr Pwr. Sta. Wm. Hough..... "
1 d. c. Tri. 50 kw. 220-110 v: 1mo. gen. Tri. 10 kw; d. c. day (Mon. & Tues.) & nt. ltg. cir. 220-110; 100 hp. e. Murray; 185 hp. b. Frem.
City cont. 50 Mazdas 40-60-100-500 w. 15 cts. & 10 cts. per kw. hr; coal $3.10. (Contemplates establishing 18 hr. service.)
C D L S ✠ 25

**HOWELL,** 800 — Munic. Elec. Plant; cost $7.000; bds. $6,000.
Chm Lt. Com. Frank Rebeck.....Howell
Clerk Geo. Lodes .................. "
¶ Pur. Agt. Jos. E. Sindelar....... "
*Engr. Pwr. Sta. Jos. Becker..... "
1 d. c. West. 45 kw. 220 v: d. c. day (Mon. & Tues. A. M.) & nt. ltg. cir; 80 hp. e. Cor; 80 hp. b.
1200 city incs. 25-40-60-100 & 150 w. 11.30 P. M; coal $4.
C D L S ✠ ★115†

**HUMBOLDT,** 1,176 — Humboldt Elec. Lt. Co.
Owner, O. A. Cooper...........Humboldt
*Supt. H. P. Galliher.......... "
Ch. Engr. R Rutherford....... "
2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 250 hp. e. Minn. Steel Mch. Co.; 100 kw. stm. turb. G. E: 250 hp. b. Atlas; 6-ton ice machine Baker; 2300-6600 v. s. ph. trans.
City cont. 101 incs 60 w. 75 cts. per mo; moonlt; coal. (Sells energy to Table Rock Elec. Co. and Dawson Elec. Lt. & Pwr. Co.)
D I L S 1 3 ✠ 125

**HUMPHREY,** 868—Humphrey Elec. Lt. & Pwr. Co.
*Prop. Frank Huthmacher....Humphrey
2 d. c. Bull, West. tot. 135 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 85 hp. e. Allis-C; 65 hp. e. (oil) Snow; 75 hp. b. Spgf; 180 amp.-hrs. stor. bat. 124 v.
City cont. 55 incs. 60 w. $15 per yr; all nt; coal $4.25.
C D G L S 115†

**KEARNEY,** 6,202—Kearney Wtr. & Elec. Pwr. Co. (In Sept. 1915, purchased property of Gibbon Elec. Lt. Co.); cap. auth. $310,000; bds. $127,500.
Pres. C. M. Scoutt..................Kearney
*Sec., Treas., Mgr. & Cont. Agt.
Will J. Scoutt..................... "
¶Supt. John R. Betts............. "
2 a. c. G. E. tot. 1937 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 937 kw. e. G. E; 1600 hp. turb. (wtr.) Leffel; 600 hp. b. Kew.
City cont. 104 5-lt. ornamental posts; 175 tung. 60 c. p; 50 tung. 100 w; tot. $7,200 per yr; all nt; coal $4.35.
D L S W 3 ✣ 125

**KENESAW,** 657—Munic. Elec. Lt. Plant.
*Chmn. Bd. G. S. Fisher........Kenesaw
a. c. 2200-110 v.
L X §26

**LEXINGTON,** 2,059—Lexington Mill & Elevator Co.; cap, $50,000; no bds.
Pres. E. M. F. Leflang.........Lexington
Treas. & Mgr. A. C. Leflang.... "
*¶ Supt. T. P. Crawford......... "
Engr. Pwr. Sta. A. Gordon..... "
2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-230 v. 60 cys; a. c. mo. cir. 115-230 v. s. & 3 ph. 60 cys: 400 hp. e. Strait, B. & W; 500 hp. b. Murray, Spgf.
City cont. 90 series Tung. 75 w. $27 per yr; all nt; coal $4 25.
D L S 1 3 ✣ 16

**LINCOLN,** 43,973—Lincoln Gas & Elec. Lt. Co.; cap. outstg. $2,250,000; bds. outstg. $1,129,600; notes outstg. $500,000. (Controlled by Henry L. Doherty & Co., 60 Wall St., New York, N. Y.)
Pres. F. W. Frueauff....New York, N.Y.
*V. Pres. & Mgr. G. A. Montgomery, Lincoln
¶ Sec. & Treas. O. R. Mallat..... "
Cont. Agt. J. E. Shuff............ "
Ch. Engr. C. Schmale............ "
5 a. c. G. E. Bull. West, tot. 2500 kw. 2300 v. 3 ph. 60 cys; 3 d. c. Ft. W, G. E, Bull. tot. 300 kw. 600 v; a. c. day ltg. cir. 220-110 v; d. c. day & nt. mo. cir. 500 v; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d. c. mo. cir. 500 v: — kw. e; 500 kw. turb. (stm.) West; 1536 kw. b. B. & W, Heine.
Mdnt: all nt; coal $2.90 to $3. (Co. serves Lincoln, Havelock, and Waverly.)
C D L S 1 3 ★125

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The Lincoln Traction Co., 939-941 O St. (Operates under lease the Lincoln, Capitol Beach & Milford R. R. Co.); cap. outstg. $2,790,100; bds. $1,438,000.
Pres. W. E. Sharp.................Lincoln
V. Pres. & Gen. Mgr.
J. M. Bramlette.................. "
*Sec. & Supt. Lt., Ht. & Pwr.
O. J. Shaw....................... "
Treas. S. H. Burnham............ "
¶ Pur. Agt. F. M. Millson......... "
Engr. Pwr. Sta. J. H. Pallister... "
4 a. c. Allis C. G. E. tot. 2990 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 825 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 1500 kw. 550 v; 1430 hp. e. Allis, Murray; 3734 hp. b. Edge, M, B. & W; 2750 kw. stm. turb. G. E, Allis C; also stm. htg.
Coal $3.15. (Co. also lts. College View and Normal and sells energy in bulk to University Place, Bethany and Omaha, Lincoln & Beatrice Ry. Co.)
C D H R S 3 ✣ ★125

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Munic. Elec. Lt. & Wtr. Plant; cost $140,000; bds. $65,000.
Mayor, C. W. Bryan..............Lincoln
*¶ Supt. Paul W. Doerr............ "
Ch. Engr. Andrew G. Johnson.... "
3 a. c. Bull, Allis-C. tot. 750 kva. 4400 v. 3 ph. 60 cys; 1 turbo-gen. Kerr 750 kva; a. c. day & nt. ltg. cir. 110 v; 750 kva. e; 1050 hp. b. Murray.
360 city arcs W. E; 302 4-lt. & 5-lt. clusters; coal $3.25.
D L S 3 125

**LINDSAY,** 465—Elec. Lt. & Pwr. Co.; cost $7,000; no bds.
Owners { C. M. Edwards.........Lindsay
*Mgr. & Ch. Engr. F. W. Edwards............ "
Asst. Engr. Albert Edwards...... "
1 d. c. West. 90 amp. 220 v; d. c. day (Tuesdays A.M.) & nt. ltg. cir. 220 v; 40 hp. e. (gas) Otto.
City cont. 17-32 c. p. incs. $14.40 per yr; moonlt; gasoline, 18¾ cts.
C D G L ✣ 25

**LINWOOD,** 329—*Stava & Franklin Elec. Co.
1 d. c. Westg. 132 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 300 amp. hrs. 110 v. stor. bat. E.S.B; 30 hp. e. (gas) Alamo.
City cont. 10 tung. 100 w. $20 per yr. hrs; kerosene.
C D G L 25

**LODGE POLE,** 245—Munic. Lt. Plant.
*Mgr. R. T. Kidney............Lodge Pole
1 a. c. W. E. 15 kw. 600 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 20 hp. gas e. Foos.
G L 3 §26

**LONG PINE,** 781—Long Pine Lt. & Pwr. Co.
*Mgr. S. H. Kyner..............Long Pine
L 10

**LOUP CITY,** 1,128—Loup City Mill & Lt. Co.; cap. $20,000.
*¶Pres. Sec. Mgr. & Cont. Agt.
E. G. Taylor..................Loup City
V. Pres. Nelson Smith........... "
Treas. L. H. Taylor.............. "
1 a. c. West — kw. 2300 v; 1 d. c. West. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 115 hp. e. (gas) Alamo, F. M. & Co.; 89 hp. turb. (wtr.) Lef.
City cont. 59 West. 60 w. $7 per yr; moonlt; oil 6 cts.
C D G L W X ✣ 75

**McCOOK,** 3,765—McCook Elec. Co. (Controlled by Munic. Properties Investing Co.); cap. $74,000; bds. $25,000, 6 p.c.
Pres. W. E. Sweet..........Denver, Colo.
V. Pres. & Mgr. W. C. Sterne "
Sec. & Treas. Arthur Bosworth "
¶Gen. Supt. Alex. Speer.... "
Local Supt. A. R. Pantenburg...McCook
Engr. Pwr. Sta. Isaac Underhill. "
3 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 100 hp. e. Chuse; 275 kw. turb. stm. G. E. West; 550 hp. b. Lyons, Heine.
City cont. 151 incs. Tung. 400 & 60 w. $90 & $18 per yr; mdnt; coal $3.10.
D G L S 3 ✣ ★16

**MADISON,** 1,708—Munic. Elec. Lt. Plant.
Sec. J. W. Dankers...............Madison
Treas. C. J. Kortman............. "
*Supt. & Engr. Pwr. Sta.
A. E. Kernick..................... "
2 d. c. West. tot. 220 kw. 220 v: d. c. day & nt. ltg. & mo. cir. 220 v; 350 hp. e. Allis-C, Bates; 250 hp. b. Frmn.
125 city Mazdas 60 w; coal $3.65.
C D L S 125

**MAGNET,** 178—Magnet Elec. Lt. Plant; cost $3,400.
*Owner P. J. Sandberg...Box E, Magnet
1 d. c. West. 60 amp. 125 v; d. c. nt. ltg. cir. 110 v; 15 hp. e. (gas) Alamo; stor. bat. E. S. B. 8 hr. 10 amp. 125 v.

City cont. 4 tungs 60 w. $21.60 per yr; moonlt 10 p. m; oil 7¾ cts. per gal.
C G L ✣ 16

**MARQUETTE**, 290—*Munic. Elec. Lt. Plant.
Engr. Pwr. Sta. August Nielsen ... Marquette
1 a. c. Ft. W. 17½ kw. 110-220 v; no day cir; 25 hp. e. (gas) F. M. & Co; oil.
G L X 24

**MEAD**, 330—*Munic. Lt. Plant.
d. c. ltg. cir. 110 v.
C L §16

**MILLARD**, 260—*Peters Bros.
3 d. c. W. E. tot. 36 kw. 115 v; 20 amp. hrs. stor. bat. E. S. B. 115 v; d. c. day & nt. ltg. & mo. cir. 115 v; 41 hp. e. (oil) M. & W.
City cont. 20 incs. 100 w. 16 cts. per kwh; all nt; oil.
C D G L ✣ §26

**MINDEN**, 1,559—Minden Elec. Lt. & Wtr. Wks; cost $22,000; bds. $15,000.
Mayor W. R. Watt................Minden
*Comr. Lt. & Wtr.
V. V. Sears......................... "
2 a. c. West. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 175 hp. e. Skinr; 200 hp. b. Frost, Kewanee.
City cont. 164 incs. 100-400 c.p. $12.50 per yr; all nt; coal $4.46.
D L S 1 3 ✣ ★125

**MITCHELL**, 640 — Mitchell Alfalfa Milling & Lt. Co; cost $25,000.
*Pres. & Mgr. W. D. Linden.....Mitchell
V. Pres. J. R. Russell........... "
Sec. A. L. Whitehead........... "
Treas. J. T. Whitehead......... "
Engr. Pwr. Sta. O. W. Campbell "
2 a.c. F. M. & Co; tot. 75 kva. 2,300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 150 hp. gas e. F. M. & Co.
City cont. 44 Mazdas 110 v. $12 per yr. mdnt; oil 7 cts. per gal.
G L 3 ✣ §16

**MONROE**, 282—Monroe Elec. Lt., Ht. & Pwr. Co.; cost $5,000.
*¶Pres. & Cont. Agt. Geo. Weber .Monroe
V. Pres. H. Weber.... ............ "
1 d. c. F. M. & Co. 175 amp. 110 v; d. c. day & nt. ltg. cir. 110 v; 30 amp. 110 v. stor. bat; 40 hp. e. (oil).
11 P. M.
C D G ✣ 125

**MORSE BLUFF**, 196—Munic. Elec. Lt. Plant; cost $10,000.
Pres. Bd. N. C. Wagner......Morse Bluff
Sec. J. J. Janovec............ "
*Supt. C. N. Taylor.......... "
1 d. c. West. 17 kw. 125 v; stor. bat. West, d. c. day & nt. ltg. & mo. cir. 110 v; 25 hp. e. (oil).
4 incs. Tung. 100 w; all nt; oil 8¼ cts.
C D G L 16

**NEBRASKA CITY**, 5,488—Nebraska City Utilities Co. Office 704 Rector Bldg., Chicago, Ill. (A subsidiary of the Middle West Utiliities Co.)
Pres. E. A. Potter...........Chicago, Ill.
V. Pres. & Treas. Geo. Otis Spencer "
Sec. R. D. Stevenson................ "
*Local Mgr. E. F. Potter........Neb. City
Ch. Engr. M. A. Jensen........ "
Engr. Pwr. Sta. W. F. Miller... "
4 a. c. West, tot. 425 kw. 2200 v. 2 ph. 60 cys; 1 arc West. 50 lt; a.c. day & nt. ltg. & mo. cir. 220-110 v; 650 hp. e. Ball, Watertn; Buck; 800 hp. b. Cahill, Stir, Bab. & W.
City cont. 58 5-lt. electro. 60 & 40 w. 5 cts. per kwh: 185 Tung. 60 & 40 c.p. $25 & $18 per yr; all nt; coal $1.96. (5.5 amp. series electro. being installed.)
D L S 2 ✣ ★125†

**NELIGH**, 1,566 — The Neligh Mills. (Owned by S. F. Gilman Mill Co.)
Pres. J. W. Bollinger... Davenport, Iowa
*¶V.Pres.& Gen. Mgr. J.W. Spirk, Neligh
Sec. W. Chambers......Davenport, Iowa
Treas. E. G. Sharon..... " "
Supt. & Engr. Pwr. Sta.
F. Bauman......................... Neligh
1 a.c. Allis C. 130 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; 225 hp. e. (oil) Busch Diesel; 180 hp. wtr. wh. Leffel.
City cont. 60 incs. "C" (10-100 c.p. & 50-60 c. p.) all nt; oil.
D G L W 3 ✣ ★125

**NELSON**, 978—Nelson Lt., Pwr. & Htg. Co.; cap. outstg. $5,000; no bds.
*¶Pres. Sec. & Mgr. A. L. Smith.. Nelson
V. Pres. W. A. Voigt............... "
Treas. F. E. Bottenfield.......... "
Ch. Engr. F. G. Morrison......... "
2 a. c. Ft. W. tot. 75 kw. 1100 v. s. ph. 60 cys; a. c. day (1 day ea. wk.) & nt. ltg. cir. 110 v; a. c. nt. mo. cir; 60 hp. e. Frost; 70 hp. b. Frost; 30 hp. e. (oil) Anderson.
Oil & coal.
D G L S 1 ✣ 125

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Munic. Lt. & Wtr. Plant; bds. issued $8,000.
Mayor, I. J. Wehrman............Nelson
Clerk, W. A. McHenry............. "
Treas. W. L. Hawley.............. "
*Supt. J. W. Price... ............ "
Engr. Pwr. Sta. H. D. Emmonds.. "
1 a. c. G. E. 50 kw. 2,300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Ball; 80 hp. e. Kew.
48 city tung. 80 w; 24 5-lt. electro. 60 & 100 w; 7 3-lt. electro. 60 & 100 w; all nt; coal $4.25.
L S 3 ✣ §26

**NEW CASTLE**, 436—Addison & Gibbs.
*Mgr. Howard Wolcott.......New Castle
1 d. c. Triumph, 40 kw. 110 v; 240 amp. hr. stor. bat. E. S. B. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 65 hp. e; 60 hp. b.
City cont. 20 Mazdas 60 w. $12 per yr; 11 P. M.; coal $4 to $4.50.
C D L S ✣ §26

**NORFOLK**, 6,025 — Nebraska Gas & Elec. Co. (Successor to Iowa-Nebraska Public Service Co.) Office, 1506 Woodmen of the World Bldg., Omaha. (Pwr. plants at Norfolk, Blair and Beatrice.) (Controlled by Continental Gas & Elec. Corpn., Cleveland, O.)
Pres. C. S. Eaton..............Cleveland, O.
V. Pres. W. H. Abbott..... " "
Sec. G. W. York..... ....... " "
Asst. Sec. T. H. Jones...... " "
Treas. G. A. Coulton........ " "
¶ Gen. Mgr. W. C. Ross...........Omaha
Audr. C. D. Pennington.............. "
Local Mgr. L. A. Williams.......Norfolk
Engr. Pwr. Sta. Frank Carrick... "
2 a. c. Stan, Elec. Mch, G. E. tot. 1120 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 220 v; 1000 hp. e. Russell, Uniflow; 500 hp. b. Geary; 300 kw. turb. (stm.) De Laval.
City cont. 20 incs. 400 c.p. $45 per yr; 146 incs. 60 c. p. $29 per yr; all nt; coal $4. (Trans. to Tilden and Meadow Grove.)
D L S 1 3 115†

**NORTH PLATTE**, 4,973 — North Platte Lt. & Pwr. Co. (Controlled by Union Co. of Omaha.)
¶ V. Pres. & Mgr. Willis Todd.....Omaha
Local Mgr. C. R. Morey........No. Platte
3 a. c. Allis-C. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 450 hp. e. F. & C, Bckye; 1200 hp. b. Mur.

City cont. 130—60 c. p. lamps $21 per yr; 12-250 c. p. lamps $58 per yr. all nt; coal $4.
D L S 3 ✠ ★16

**OMAHA,** 165,000—Omaha Elec. Lt. & Pwr. Co. Office, Union Pacific Bldg. (Controls Citizens Gas. & Elec. Co. of Council Bluffs, Ia.); cap. stk. $3,365,400 com. $481,800 pref.; bds. $3,000,000.
Pres. Geo. H. Harries..............Omaha
V. Prests. Ward M. Burgess...... "
Wm. D. McHugh...... "
Sec. & Treas. S. E. Schweitzer..... "
*Gen. Mgr. H. A. Holdrege........ "
Cont. Agt. I. B. Zimman........... "
¶ Pur. Agt. Wm. B. Whitehorn... "
Supt. Geo. J. Keebler .............. "
Engr. Pwr. Sta. T. E. Stuart....... "

5 a. c. G. E, tot. 165,000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo. cir. 440-220 v. 3 ph. 60 cys; d. c. pwr. cir. 500 v; 18,000 kw. turb. (stm.) G. E.; 8658 hp. b. Stir, A. & T, Bab. & W.

City cont. 1303 a. c. arcs G. E. 6.6 amps. $56.25 per yr; 138 arcs flaming $67 per yr; 285 Tung. 50 w. $15.84 per yr; 398 Mazdas 400 W. $33 per year; all nt; 24 Mazdas (underground) 400 W. $49 per yr. all nt; 142 Mazdas (underground) 400 W. $36 per yr; midnt; all nt; coal $2.70. (Co. also lts. Benson, Florence, Ft. Crook, Bellevue and Neb. and sells energy to Omaha & Lincoln Ry. & Lt. Co. and Citizen's Gas & Elec, Co. of Council Bluffs, Ia.)
C D L S 3 251

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Omaha & Lincoln Ry. & Lt. Co. Office, 830 Brandeis Theatre Bldg. (Controlled by Ill. Trac. System.)
Pres. H. E. Chubbuck..........Peoria, Ill.
V. Pres. Arthur English........ Omaha
Sec. & Treas. W. J Achelpohl. Peoria, Ill.
Supt. E. A. Rochry...................Omaha
¶ Pur. Agt. A. J. Vance.......Peoria, Ill.

Energy purchased from Omaha Elec. Lt. & Pwr. Co.; trans. 33 000 v. 3 ph. 60 cys. a. c; day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 220 v. 3 ph. 60 cys; 500 v. d. c.

City cont. 266 incs. mult. 40-60-100 w. midnt. (Co. does ltg. in Ralston, Papillion, Springfield, Louisville, Gretna, Cedar Creek, Plattsmouth in Neb. and Glenwood, Pacific Jct; Silver City, and Mineola in Ia.)
C D R 3 ✠ ★125

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Union Co. of Omaha, 315 First National Bank Bldg. (Controls the Aberdeen (S. D.) Lt. & Pwr. Co., Columbus (Neb.) Lt. Ht. & Pwr. Co., No. Platte (Nebr.) Lt. & Pwr. Co. Osceola (Ia.) Lt. Ht. & Pwr. Co. and Union Service Co. of Chariton, Lucas, Woodburn and Russell, Ia.)
Sec. Treas. & Mgr. Willis Todd...Omaha
16

**O'NEILL,** 2,089 — McGinnis Creamery Co.
¶Pres. Robt. W. McGinnis,
1024 O St., Lincoln
*Sec. & Mgr. C. P. Rhodes ........O'Neill
Treas. J. F. Gallagher............ "
Engr. Pwr. Sta. S. J. B. Johnson.. "

1 a. c. W. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. s. ph. 60 cys; 125 hp. e, Mur, Frl; 175 hp. b. Mur, Frost; also stm. htg.

City cont. 8 enc. arcs 500 w. $97.20 per yr; 1 A. M; coal $4 & $4.25.
D H L S 1 3 ✠ 25

**ORD,** 1,960—Ord Elec. Co.
*Mgr. H. O. Hallen.........................Ord

2 d. c. Bull. Tri. tot. 82 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 90 hp. e. Russell, F. M. & Co. (oil); 100 hp. b. Union.

City cont. 4 arcs 1200 c. p; 80 incs. 10 cts. per kw; mdnt; coal.
C D G L S ✠ 25

**ORLEANS,** 942—Orleans Elec. Lt. & Pwr. Co.; cap. stk. $9,425; bds. $10,000.
*¶ Pres., Mgr. & Cont. Agt.
P. W. Shea..........................Orleans
V. Pres. J. A. Gardner............. "
Sec. W. B. Pierce.................... "
Treas. W. P. Pierce................. "
Engr. Pwr. Sta. A. L. Palmer..... "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. Murray; 100 hp. b. Murray.

City cont. 50 tung. 100 w. $18 per yr; all nt; coal $3.25.
L S 3 ✠ 25

**OSCEOLA,** 1,105 — Osceola & Shelby Elec. Lt., Ht. & Pwr. Plant; cap. $25,000.
*¶ Owner & Mgr. Clarence Miller. Osceola
Engr. Pwr. Sta. A. Ingles........... "

3 d.c. G. E, West. tot. 380 kw. 2300 v; d.c. (18 hrs.) ltg. cir. 120 v; d. c. mo. cir. (18 hrs.); 475 hp. e. S. C, Cor, Fisher; 175 hp. b. C. & T, Mur. Kew; also stm. htg.; (contemplate installing ice plant.)

City cont. 3 arcs 600 w. $72 per yr; 50 incs. 32 c. p. $18 per yr; moonlt; mdnt; coal $4.10. (Also lts. Shelby.)
C D H L S ✠ 75

**OVERTON,** 574 — Overton Elec. Lt. Plant.
Owner, W. H. Hill.................Overton
*Engr. Pwr. Sta. Clair W. Hill .. "

1 a. c. West. 30 kw. 2400 v. 3 ph. 60 cys; a. c. nt. (mdnt. & 5.30 A. M. to daylt. 4 mo. in winter) ltg. cir. 110 v.; a. c. nt. (mdnt. & 5.30 A.M. to daylt. 4 mo. in winter) mo. cir. 110 v. s. ph. 60 cys; 30 hp. e. (gas) Foos.

City cont. 28 Tung. 100 w. $30 per yr; midnt; kerosene 9½ cts. (Will secure energy from Kearney.)
G L 1 ✠ 125

**OXFORD,** 593—Munic. Lt. & Wtr. Plant; bds. outstg. $10,000; cost $12,000.
Mayor, G. W. Springer.............Oxford
Clerk, A. Arnsberger.............. "
Treas. H. L. Lee..... ............. "
*Supt. & Engr. Pwr. Sta.
W. M. Bauta...................... "

1 d. c. G. E. 30 kw. 220 v; 80 amp. hr. stor. bat. E. S. B. 110 v; d. c. nt. ltg. & mo. cir. 220 v; 85 hp. gas e. Internal, Alamo, F. M. & Co.

54 city incs. 250, 150 & 100 w; moonlt; oil 5 cts. per gal.
C G L §16

**PALISADE,** 380—Elec. Lt. Plant.
*Owner, F. C. Krotter .............Palisade

2 a. c. 100 kw. 2300 v. 3 ph. 60 cys. W. E.; no day cir; a. c. ltg. cir. 110 v; a. c. mo. cir. 2300 v; 188 hp. wtr. wh. Lef.

City cont. 20 incs. 80 & 100 c. p; $18 per yr; moonlt. mdnt.
L W 3 ✠ 113

**PAWNEE CITY,** 1,610—Munic. Lt. & Water Plant; cap. $45,000; bds. auth. & outstg. $15,000, 7 p. c. int.
*Mayor, D. E. Wherry........Pawnee City
Clerk, Harry D. Flory.............. "
Cont. Agt. & Supt.
T. H. Lawrie.................. "
Engrs. Pwr. Sta. Henry McCrury..Pawnee City
John Starr ............ "

2 a.c. G. E. 210 kw. 1150 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. ph. 60 cys; 450 hp. e. Erie. Cor, Bates; 300 hp. b. Atlas.

115 city incs. G. E. 60 c. p; moonlt. mdnt; coal $3.25. (Trans. to Du Bois.)
D L S 1 ✠ 36†

**PENDER,** 804—Munic. Elec. Lt. Plant; bds. (approx.) $1500.
*Pres. & Mgr. Herman Brandt....Pender
Treas. H. S. Smith.................. "

1 a. c. W. E. — kw. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir.; 150 hp. b.

Coal $6.35.
L S 3 ★125

**PERU,** 950—Peru Elec. Lt. & Pwr. Co.; cap. auth. $4,000.
Pres. J. D. Groves........................Peru
V. Pres. Geo. K. Pettit.................. "
Sec. M. E. Good.......................... "
Treas. O. M. Good........................ "
*¶Mgr. & Cont. Agt. H. Hallenbeck.. "
Engr. Pwr. Sta. W. A. Pettit......... "
1 a. c. West. 50 kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 60 hp. e. Ide; 65 hp. b. Frost.
City cont. 3 arcs 600 cp.; moonlt; coal $3.90.
L S 1 3 ✣ 75

**PIERCE,** 1,200 — Pierce Milling Co. (Owned by S. F. Gilman Mill Co.); cost $15,000.
Pres. Jas. W. Bollinger..Davenport, Iowa
V. Pres. Jos .W. Spirk..............Neligh
Sec. & Treas.
Walter Chambers.....Davenport, Iowa
*¶Mgr. F. Rainbow..................Pierce
Engr. Pwr. Sta. H. Craven.......... "
1 a c. Allis-C. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s ph. 60 cys; 100 hp. e. (oil) D. L. V.; 125 hp. wtr. wh. Samson.
City cont. 50 incs. "C" 60 c. p. $20 per yr; 3 incs. "C" 400 c. p. $33.33 per yr. all nt; oil 4.66 cts. per gal.
D G L W 1 3 ✣ ★16

**PLAIN VIEW,** 941—Munic. Lt., Wtr. & Pwr. Plant; bds. $15,000; cost $8,900.
Mayor, W. J. Houston..........Plainview
City Clerk, Albert Herbert...... "
Treas. Joe Seda.................. "
*¶Mgr. & Ch. Engr. Pwr. Sta.
O. N. Michener................ "
Asst. Engr. Sam Ellington...... "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 110 v; 25 hp. gas e. Waterloo; 125 hp. e Mur; 125 hp. b. Mur.
46 city Mazdas "C" series 100 c. p. $27.50 per yr; moonlt; coal $4.75.
D G L S 3 ✣ ★115†

**PLATTSMOUTH,** 4,287 — Nebraska Ltg. Co. (Controlled by the Continental Gas & Elec. Corpn., Cleveland, O.); cap. $180,000; bds. $35,000.
Pres. Chas. Parmelee........Plattsmouth
V. Pres. W. H. Abbott.....Cleveland, O.
Sec. H. B. Abels............ "
Treas. C. S. Eaton.......... "
Mgr. Albert Claubaugh.....Plattsmouth
Engrs. Abbott & Eaton.... Cleveland. O.
Purchases energy from Red Oak (Ia.) Elec. Co.; (also gas plant).
G L ✣ 35

Omaha & Lincoln Ry. & Lt. Co. See Omaha

**PRAGUE,** 394—Munic. Elec. Lt. Plant; cost $3,000.
*Clerk, Anton Kaspar...............Prague
Engr. Pwr. Sta. Milo Pabian....... "
1 d. c. W. E. 12 kw. 110 v; 31 hp. e. (gas) Otto.
City cont. 30 Mazdas 60 w; mdnt; gasoline 16½ cts.
C G L 75

**RANDOLPH,** 1,137—Munic. Elec. Lt. & Wtr. Plant; cost $15,000; bds. $3,000.
Mayor, O. O. Reed...............Randolph
Sec. F. E. Ballard............... "
Treas. H. Reidessel.............. "
*¶Supt., Mgr. & Ch. Engr.
G. D. Wiley.................... "
Engr. Pwr. Sta. W. N. Light ... "
2 d. c. Westg. W. E. 85 kw. 230 v; d. c. day (Mon. & Tues. A. M.) & nt. ltg. cir. 220 v; 50 hp. e. (oil) Adams; 85 hp. gas pro. Mnpls.
75 city incs. tung. 60 to 250 w; midnt. & 5 A. M. to daylt.; coal $8.40.
C G L ★115†

**RAVENNA,** 1,359—Ravenna Elec. Lt., Ht. & Pwr. Co.; cap. $25,000; no bds.
Pres. Roy Greenslit..............Ravenna
*¶Sec. Treas. Mgr. & Cont. Agt.
A. T. Shellenbarger............ "
Engr. Pwr. Sta. J. M. Hull...... "
2 a.c. Ft.W. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220-110 v; — hp. e. Ham, Cor; 300 hp. b. Gem City; stm. htg.
City cont. 80 tung. series 8 cts. per kw; moonlt; coal $3.50.
D H L S 3 ✣ 25

**RED CLOUD,** 1,686—Munic. Elec. Lt. & Wtr. Plant; bds. $7,500 (lt.)
Mayor Dr. Robt. Domerell.....Red Cloud
*¶Mgr. Guy Ziegler............ "
Engrs. Wm. Patton....... "
Pwr. Sta. Harry Huffer...... "
2 a. c. West. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 275 hp. e. Atlas, Amer; 300 hp. b. Atlas, Kew.
105 city tung. 60 & 80 c. p. $12 per yr; moonlt; coal $4.55.
D L S 1 3 ★16

**RISING CITY,** 456—Munic. Lt. Plant.
*Mayor, D. J. Smith..........Rising City
Mgr. H. V. Peterson.......... "
Ltg. cir. 110 v.
L §16†

**ROSELAND,** 249—Roseland Elec. Lt. & Pwr. Co.; cap. $2,000.
Pres. J. L. Mace.................Roseland
V. Pres. Gus Bourg............. "
*Sec. & Treas. E. W. Hall...... "
a. c. day & nt. ltg. cir. 110 v.
City cont. 10 arcs 60 w; 5 hrs; oil 8½ cts. per gal.
D L X 24

**ST. EDWARD,** 814—St. Edward Elec. Lt. Co.; cap. $20,000.
Pres. G. M. Bell.............. .St. Edward
*Sec. L. V. Styles............ "
Treas. A. A. Smith........... "
Mgr. & Ch. Elecn. C. F. Smith "
70 hp. e. Olds; 100 hp. turb. Samson.
City cont. 3 arcs and 30 incs. 32 c. p. $780 per yr; 1000 com. incs. 12 cts. per kw; mdnt.
L S W ✣ 72

**ST. PAUL,** 1,336—Central Pwr. Co. See Grand Island.
Local Mgr. H. W. Polly............St. Paul
Energy from Boelus Sta.; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 2 nitro. lamps 6.6 amp. 600 c. p. and 66 lamps 100 c. p.
D L 3 ✣ ★125

**SALEM,** 391—Munic. Ltg. Plant.
*Engr. Clyde Hamilton............Salem
d. c. day & nt. ltg. cir. 110 v; stor. bat.
C D L §16†

**SCHUYLER,** 2,152—Munic. Elec. Lt. & Wtr. Wks; cost $35,000; bds. $3,000.
Mayor, Otto Zuelow ............Schuyler
Chmn. Wtr. & Lt. Comm.
H. W. Kolm....................... "
*¶Mgr. E. A. Schmid ....... "
Clerk, Allen Cameron ......... "
Engr. Pwr. Sta. Wm. Lumberg.. "
2 d.c. G. E. Bull. tot. 160 kw. 230-115 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 230 v; 235 hp. e. Mur. Erie; 220 hp b. McKinnon, Erie City.
185 city incs. 40 w; all nt; coal $3.78.
C D L S ✣ ★16

**SCOTTSBLUFF,** 1,746—The C. & R. Elec. Co; cap. $60,000.

*Owner & Mgr. F. H. Roberts .Scottsbluff
Supt. F. M. Hoffman.......... "
Ch. Engr. Wm. Schwartz...... "

2 a. c. Ft. W. 250 kw. 2300 v. 3 ph. 60 cys; 1 arc 15 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys. 3-5 hp. e. Chuse; 450 hp. b. Kew. (Also stm. htg.)

City cont. 88 tung. 60 w; 50 tung. series 80 c. p; 20 tung. mult. 40 w; 10 cts. per kw; all nt; coal. (Co. also lts. Gering.)
D H L S 3 ✠ ★125

**SEWARD,** 2,106—Munic. Elec. Lt. Plant; cost $25,000; no bds.
Mayor, W. T. Souders............Seward
*¶ Mgr. & Supt. John Martz..... "
Engr. Pwr. Sta. E. Evans.......... "

2 a. c. West. tot. 250 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. F. & S; 300 h p. b. Kenney; also buys energy from Blue River Power Co.; 2 transf. West. tot. 300 kw.

100 city tung. series 3 cts. per kw. hr; mdnt; moonlt; coal $4.
D L S 3 ✠ 25

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Blue River Pwr. Co. (Hydro-elec. plant near Milford, one near Crete, and one near Dorchester); cap. stk. $100,000.
Pres. H. B. Babson..........Chicago, Ill.
V. Pres. C. E. Boyes...............Seward
*Sec. & Treas. Burdette Boyes.... "
Mgr. E. J. Ashton ..............Milford

3 a. c. West. G. E. tot. 450 kw. 2400 v. 3 ph. 60 cys; trans. line 22,000 v; 700 hp. wtr. wh. Sampson; emergency equip. 600 hp. e; 700 hp. b.

(Co. distributes in Dorchester and Utica; sells energy to Beaver Crossing Elec. Lt. & Pwr Co., Germantown Lt. & Pwr. Co. and municipalities of Seward, Friend, Milford and Cordova.)
N S W 3 125

**SIDNEY,** 1,185 — The Sidney Elec. Service Co.; cap. outstg. $50,000; bds. $25,000.
*¶Pres. & Mgr. A. S. Hardy........Sidney
Sec. & Treas. C. B. Hardy........ "
Engr. Pwr. Sta. J. Clark........... "

3 d. c. Ft. W. tot. 130 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 220 hp. e. Habkn, Sknr; 295 hp. b. Atlas, Frost; also stm. htg.

City cont. 2 arcs 1200 c. p. $100 per yr; 44 incs. 32 c. p. $20 per yr; all nt; coal $3.50
C D H L S ✠ 25

**SPALDING,** 637—*Munic. Ltg. System. Energy purchased from J. Vandenberg; a. c. cir. 2200-110 v. 3 ph.
L 3 §16†

**SPENCER,** 671—Spencer Lt. & Pwr. Co.; cost $12,000.
*Owners & Mgrs. Woods Bros....Spencer

1 d. c. 3 Riv. 30 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 60 hp. e. (gas) I. H. C.

Gasoline.
C D G ✠ 16

**STANTON,** 1,342—Munic. Lt. & Wtr. Plant; cost $15,500; bds. $13,000.
Mayor, F. A. Raabe.............Stanton
Sec. Theo. McFarland............ "
*¶ Mgr. John Schindler........... "
Engr. Pwr. Station Joe Chilcoat.. "
Elecn. Roy Hopper............... "

2 a. c. Ft. W. 145 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 50 hp. e. (gas) Olds; 170 hp. e. Erie, Mur; 125 hp. b. Mur.

9 city arcs 2000 c. p; 97 city incs 60 & 100 w; all nt. mdnt; coal $4.35.
D G L S 3 ✠ ★115†

**STAPLEHURST,** 228—Jacobs Elec. Lt. Plant; cost $12,000.
Owner, E. Jacobs.............Staplehurst
*Mgr. W. C. Jacobs.......... "

1 a. c. West. 30 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 50 hp. turb. (wtr.) Lef; 30 hp. e. (gas) I. H. C.

City cont. 21 tung. 100 w. $24 per yr; mdnt; kerosene 9 cts.
G L W 3 ✠ 25

**STELLA,** 430—Nemaha Valley Lt., Ht. & Pwr. Co.
*Owner & Mgr. J. H. Brenner......Stella
Supt. Joshua Curtis................ "
Engr. Pwr. Sta. Z. Pixley........... "

1 a. c West. 30 kva. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo cir. 220 v. 2 ph. 60 cys; 150 hp. e. S. C; 100 hp. b. Rohan.

City cont. 2 arcs Westg. 4.5 amp. $60 per yr; 80 incs. 50 w. $6 per yr; moonlt. midnt; coal $2.50. (Co. also lts. Shubert.)
D L S 2 ✠ 44†

**STRATTON,** 367 — Munic. Lt. & Wtr. Plant; bds. $18,500.
Pres. Vil. A. W. Henderson. . . .Stratton
V. Pres. H. Cundall................ "
Sec. J. W. Smith.................. "
Treas. John O'Donnell.............. "
*Engr. Pwr. Sta. Elmer Martin.... "

1 d. c. Ft. W. 30 kw. 110-220 v; d. c. nt. ltg. cir. 100-110 v; 50 hp. e. (gas) Foos.

15 city Mazdas "C" 100 & 200 w. $15 per yr; moonlt; gasoline 18¼ cts.. kerosene 9¾ cts.
C G L ✠ ★16

**STROMSBURG,** 1,355 — Stromsburg Elec. Lt., Ht. & Pwr. Co. (Controlled by Continental Gas & Elec. Corpn., Cleveland, O.); cap. outstg. $14,000.
Mgr. E. O. Jeffery............Stromsburg
Engr. Pwr. Sta.
Chester Bennett.............. "

1 d. c. West. 50 kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 85 hp. e. Ball; 125 hp. b. Kenney.

City cont. 46 incs. mult. 32 c. p. $15 per yr; 13 5-lt. electroliers; moonlt. mdnt; coal $4.
C L S ✠ ★115†

**SUPERIOR,** 2,106 — Southern Nebr. Pwr. Co. (Consol. of Guthrie & Co. and Superior Elec. Lt. Co.)
Pres. D. Guthrie ..................Superior
V. Pres. D. I. Guthrie............. "
*¶ Sec. & Treas. H. C. Johnston.... "
Engr. Pwr. Sta. Fred Youngren.. "

1 a. c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 60 cys; 125 hp. e. Mur; 180 hp. b. Mur; 500 hp. wtr. wh. Leffel.

City cont. 96 incs. "C" series 100 w. $1.85 per mo; 44 electros. 100 w. $1.40 per mo; all nt; coal $4.
D L S W 3 ✠ ★16

**SURPRISE,** 323—*Guy H. Miller.

2 d. c. West. W. E. tot. 30 kw. 110 v; d. c. day (6 A. M. to 11 P. M.) & nt. ltg. cir. 110 v; 50 hp. wtr. wh. McCormick.

City cont. 18 incs. 100 w. $24 per yr; moonlt.
C D L W .......................§16

**SUTTON,** 1,702—Sutton Electric Lt. & Pwr. Co.; cap. $25,000.
Pres. Jacob Sack.................Sutton
V. Pres. Wm. Sack................ "
Sec. Philip Sack.................. "
*¶ Treas., Mgr., Cont. Agt., Supt. & Engr. Pwr. Sta. August Sack.... "

2 d. c. Bull. W. E. tot. 170 kw. 230 v; d. c. day & nt. ltg. & mo. cir. 220 v; 250 hp. e. Murray; 125 hp. b. Atlas, Murray.

City cont. 75 Mazdas 100 w. $24 per yr; coal $4.
C D L S ✠ 25

**TABLE ROCK,** 814—Table Rock Elec Co.; cost $8,500.
Pres. & Treas. J. N. Phillips..Table Rock
V. Pres. C. K. Anderson ....... "
*¶Sec. & Cont. Agt. A. R. Kovanda "

Purchases energy from Humboldt Elec. Lt. Plant; 2 transf. West. 6600 v; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 49 Mazdas 60 c. p., 60 cts. per mo.
D L 1 ✣ ★16

**TALMAGE,** 461—Munic. Lt. & Pwr. Plant; cost $12,000; bds. $9,500.
*Chmn. Bd. Chas. E. Wood......Talmage
Mgr. & Engr. Pwr. Sta. C. Cade. "
2 d. c. West. tot. 65 kw. 220-110 v; 20 amp. hr. stor. bat. U. S. Lt. 220-110 v; d. c. day & nt. ltg. & mo. cir; 85 hp. e. (oil) Alamo.
All nt; oil.
C D G L §85

**TECUMSEH,** 2,300—Munic. Elec. Lt. & Wtr. Wks.; cost $25,000; bds. $16,000:
Mayor, Harry Villars............Tecumseh
*¶ Mgr., Cont. Agt. & Supt.
W. R. Tasker................ "
Engr. Pwr. Sta. A. R. Taylor.. "
2 a. c. West. tot. 170 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. Bckye; 275 hp. b. Erie, Frost.
100 series tung. 6.6 amp. tot. $136 per mo; moonlt. midnt; coal $3.70.
D L S 3 ✣ 16

**TEKAMAH,** 1,524—Munic. Elec. Lt. Plant; cost $12,500; bds. $12,500.
Mayor, A. M. Anderson.........Tekamah
V. Pres. F. A. Cameron......... "
¶ Sec. & Cont. Agt. M. S. McGrew "
Treas. Ed. Latta................ "
*Mgr. Grant Phipps.............. "
Supt. & Engr. Pwr. Sta.
A. F. Rhoades.............. "
1 a. c. West. 75 kw. 2200-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 112-115 v. 60 cys; 75 hp. e. Mur; 160 hp. b. Ames.
85 city Mazdas; moonlt; coal $4.18.
L S 3 ✣ 25

**ULYSSES,** 551—Munic Ltg. Plant.
Chm'n Bd. T. A. Bumgardner....Ulysses.
*Clerk Carl Kirkpatrick.......... "
d. c. ltg. cir. 110 v; oil eng. F. M. & Co. Purchases water power from Withers Milling Co.
C G L W §16†

**UNIVERSITY PLACE,** 3,200—Munic. Elec. Lt. Plant. Office, 1701 Warren Ave; cost $18,000.
*Supt. & Engr. R. S. Hyatt
University Place
Purchases energy from Lincoln Trac. Co: 32 transf. G. E. tot. 135 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220v. 3 ph. 60 cys.
150 city tung. series 60-200 c.p. 3 cts. per kw; moonlt. 12 P. M.
D L 1 3 125

**VALENTINE,** 1,098—Gilman Lt. Plant.
Pres. James W. Bollinger. Davenport, Ia.
V. Pres. Joseph W. Spirk.........Neligh
*Mgr. A. F. Yoerg............Valentine
Engr. Pwr. Sta. L. R. Sheldon.. "
3 a.c. G. E. West. tot. — kw. 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 90 hp. e. Allis-C; 90 hp. b. Erie; 225 hp. turb. (wtr.) Leffel.
City cont. 17 series incs. 6.6 amp. $25 per yr; all nt.
D L S W 3 ★16

**VALLEY,** 810—Central Sta. Engrg. Co. Office, Omaha. (Leases and operates the property of the Munic. Elec. Lt. Plant.)
*Sec. Jos. Bortlenlanger
1015 Nat. Bk. Bldg., Omaha
Supt. Jack Derthick..............Valley
1 a. c. G. E. 50 kw. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e Erie; 80 hp. b. Erie; 40 hp. e. (oil) M. & W.
42 series tung. 80 c. p; all nt; oil 4 cts. (Will install gen. and boiler and establish day service.)
G L S 3 ★125

**VALPARAISO,** 560—Valparaiso Elec. Co.: cap. $2,100.
Pres. F. A. Stava..............Valparaiso
*Sec. & Treas. J. Petermichel. "
Mgr. C. H. Woods.............. "
Buys pwr. of D. M. Dean.
City cont.
L ✣ ★125

**WAHOO,** 2,168—Munic. Elec. Lt. & Wtr. Works; bds. $6,000 (lt.)
Mayor, James Kearny.............Wahoo
Clerk, Geo. Loder................ "
Wtr. & Lt. Comr. H. M. Robertson "
Engr. Pwr. Sta. E. Gracy.......... "
2 a. c. West. tot. 175 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 280 hp. e. Ideal; 300 hp. b. Erie City.
165 city incs. 40 w; moonlt; coal $3.
D L S 1 3 ✣ 114E

**WAUNETA,** 327—Wauneta Elec. Lt. & Pwr. Co.
*Owner G. G. Athey..............Wauneta
Mgr., Ch Engr. & Elecn.——————......
2 d. c. T-H tot. 50 kw. 120 v; d. c. day cir. 120 v; pwr. cir. 120 v; 65 hp. turb. Leffel.
City cont. 1 arc 15 cts. per kw; 10.30 P. M.
C D L W ✣ 29

**WAYNE,** 2,140—Municipal Wtr. & Lt. Plant; cost $57,000.
*¶ Mgr. & Supt. Ed. Murrill......Wayne
Engr. Pwr. Sta. J. C. Harmer..... "
2 d.c. Tri. West. tot. 150 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 225 hp. e. Ideal. S. C: 250 hp. b. Kenney, Frost; also stm. heating.
1 city arc A. B. 1200 c. p; 85 incs. 40 w; 49 5-lt. electros. "White Way" 40 & 60 w; moonlt; coal $4.45.
C D H L S 115†

**WEEPING WATER,** 1,067—Munic. Elec. Lt. & Wtr. Wks.
Mayor, Fred. H. Gorder..Weeping Water
Treas. Wm. H. Lyman.... "
*¶ Mgr. & Engr.
Pwr. Sta. V. E. Smith.. "
2 d. c. West. Tri. tot. 60 kw. 110-220 v; 300 amp. hrs. stor. bat. E. S. B. 110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v: 80 hp. e (oil) Alamo.
56 city tung. 60 w; 8 city tung. 100 w; distillate.
C D G L 16

**WEST POINT,** 1,776—West Point Elec. Lt. & Pwr. Co.; cap. outstg. $23,175; no bds.
Pres. W. A. Black............West Point
V. Pres. Wm. Stuefer......... "
*Sec. & Treas. J. T. Baumann. "
¶ Supt. & Engr. Pwr. Sta.
Wm. Hartwig.............. "
4 d. c. West. tot. 110 kw. 125 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 200 hp. e. West Sknr; 200 hp. b. Murray.
City cont. 4 arcs nitro. 400 w. $48 per yr; 100 Mazdas 40 w. $12 per yr; mdnt; coal $4.
C D L S ✣ 16

**WILBER,** 1,219—Munic. Elec. Lt., Ht. & Wtr. Wks; cost $23,000; bds. $12,000.
*¶ Supt. Cont. Agt. & Engr. Pwr. Sta.
E. E. Dunder.................Wilber
2 a. c. Westg, W. E. tot 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp e. Sknr, Mur; 300 hp. b. Kenney; also steam heating.

80 city incs. series 100 w. c. p. 16 ornamental posts 250 w; moonlt; coal $3.82.
C D H L S 3 ✠ 16

**WISNER,** 1,081—Munic. Elec. Lt. & Wtr. Plant.
Mayor, F. C. Evans ................Wisner
Chm. Council, A. C. Melcher..... "
City Treas. J. H. Keller.......... "
*¶Mgr. & Ch. Elecn. Ivan N. Emley "
Energy purchased from Wisner Rolling Mills; 1 a.c. W. E. 100 kva. 2300 v; a.c. day & nt. ltg. & mo. cir. (6 A.M-12 P.M.) 2300-220-110 v. 3 ph. 60 cys; 125 hp. e. Cor.
City lights 60 series incs. 4 amp. 200, 100 & 60 c. p; moonlt; mdnt.
D L S 3 ✠ ★115†

**WOOD RIVER,** 996— Munic. Elec. Lt. & Wtr. Wks.; cost $20,000; bds. $18,500.
Chm. Comm., F. J. Miller....Wood River
*¶Clerk, Supt. & Engr. T. J. Paulk
Wood River
Treas., E. B. Pierson .......... "
Purchases energy from Central Pwr. Co. 50 city incs. 48 c. p.
L ★115†

**WYMORE,** 2,613—Nebraska Gas & Elec. Co. See Norfolk.
Local Mgr. F. E. Crawford......Wymore
Energy from Beatrice; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
D L 1 35

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Munic Elec. Lt. Plant; bds. $17,500.
*¶ Mgr., Samuel T. Lee ..........Wymore
2 a. c. Elec. Mch., Allis-C. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 310 hp. e. Murray, Elec. Mch; 300 hp. b. Murray.
City cont. 200 incs. 40 & 60 w; moonlt. all nt; coal $4.
D L S 1 3 ✠ ★16

**WYNOT,** 258—Munic. Lt. Plant. (Village purchased plant of T. N. Jones )
*City Engr. L. C. Walling..........Wynot
Wtr. pwr; 500 lts.
L W 35E

**YORK,** 6,235—York Gas & Elec. Co. (Controlled by the Continental Gas & Elec. Corpn., Cleveland, O.); cap. $250,000; bds. $60,000.
Pres. Geo. W. Schreck........ .. York
V. Pres. W. H. Abbott.....Cleveland, O.
Sec. E. A. Gilbert ....................York
Treas. C. S. Eaton...........Cleveland, O.
¶Pur. Agt. W. C. Ross
505 Karbach Bldg., Omaha
Mgr. Jas. M. Harvey..................York
Engrs. Abbott & Eaton.....Cleveland, O.
3 d. c. Bull. G. E. Ft. W. tot. 335 kw. 220 v; 3 a. c. G. E. W. E. tot. 460 kw. 2300 v; trans. volt. 6600-33,000 v; d. c. day & nt. ltg. & mo. cir. 220 v; 900 hp. e. McI. & S., Allis-C., Chuse; 950 hp. b. Kenny, Heine, Atlas; also stm. htg.
City cont. 10 arcs 1200 c. p. $84 per yr; 85 incs. 32 c. p. $12 per yr; 1 A. M; moonlt; coal $4. (Trans. line to Aurora, Hampton and Bradshaw; line to McCool and Waco under construction.)
C D H N S X ★115†

## NEVADA.

**CARSON CITY,** 2,466—Truckee River Gen. Elec. Co. See Reno.

**ELKO,** 1,677—Elko-Lamoille Pwr. Co.; cap. $60,000.
Pres. L. J. Wintermantel............Elko
*¶V. Pres. & Mgr. B. G. McBride... "
Sec. & Treas. H. S. Taber........... "
Supt. C. A. Stephenson................ "
Engr. Pwr. Sta. E. Gallaway......... "
1 a. c. G. E. 250 kva. 2300 v. 3 ph 60 cys; 4 d. c. West, G. E. tot. 150 kw. 120 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 320 v. s. & 3 ph; d. c. day & nt. mo. cir. 120 v; 415 hp. wtr. wh. Hendy.
City cont. 80 tung. 40 w. $25.80 per yr; moonlt; distillate 6 cts. (Also lts. Lamoille.)
C D L W 1 3 ✠ 16

**ELY,** 2,055—Ely Lt. & Pwr. Co. (Leased Ely Elec. Co.); cap. $200,000; no bds.
Pres. Frank W. Holmes..New York, N.Y.
*¶Mgr. Arthur Smith..............East Ely
Ch. Engr. O. A. Burg................. "
Ch. Elecn. L. B. Hedge................ "
3 a. c. G. E. 1200 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 175 v; 85 hp. e. Allis-C; 1500 hp. b. Stir, Chgo, Brnl, Pfeifer; 1000 kw. turb. (stm.) G. E; —— hp. turb. Pelton.
(Co. also lts. Lane City and East Ely.)
D L S W 3 ✠ 25

**FALLON,** 741—Munic. Electric System; bds. $15,000.
Mayor, Geo. E. Sherman..............Fallon
Clerk, W. H. Reavis................ "
*Supt. L. W. Crehore............... "
Power is leased from U. S. Reclamation Service, 10-year lease; 3 transf. Pittsburg 225 kw; trans. 35,000-2200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.
125 city tung. 60-100 w; all nt.
D L 3 25

**GARDENVILLE,** 1,100—Truckee River Gen. Elec. Co. See Reno.

**GOLDFIELD,** 4,838—Nevada-California Pwr. Co. See Denver, Colo.
Dist. Mgr. F. B. Mechling...... Goldfield
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-440 v.
City cont. 24 arcs 1200 c. p. $120 per yr; 24 Mazdas 60 c. p. $36 per yr.
D L X ✠ 16

**LAS VEGAS,** 945—Consolidated Pwr. & Tel. Co.
Pres. Frank A. Clark...........Las Vegas
Sec. & Treas. Jno. S. Park..... "
*¶Mgr. & Supt. W. S. Park.... "
Engr. Pwr. Sta. F. S. Wengert. "
2 a. c. West. F. M. & Co. tot. 100 kw. 2300 v. 3 ph. 60 cys; no day cir; 170 hp. e. (gas) Western F. M. & Co.
City cont. 115 series incs. 80 w. $—— per yr; hrs.
D G L 3 ✠ 75

**LOVELOCKS,** 2,000—Lovelocks & Woolsey Lt. & Pwr. Co.
Pres. S. R. Young...............Lovelocks
*Supt. C. L. Young............. "
3 a. c. West. G. E. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; 150 hp. e. (gas) F. M. & Co; 150 hp. wtr. wh. Lef.
D G L W 3 ✠ 16

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Nevada Valleys Power Co. Office 410 1st Nat'l Bk. Bldg. Oakland, Cal. (Hydro-elec. pwr. plant at Lahonton leased from U. S. Govt.)
Pres. Edson F. Adams.....Oakland, Cal.
*¶V. Pres. & Gen. Mgr.
J. Q. Brown.............. "
Sec. & Treas. F. J. Early.... "
Gen. Supt. Joe Beane..........Lovelocks
3 a. c. G. E. tot. 1875 kva; day & nt. service; trans. volt. 66,000 v. 3 ph. 60 cys; 3000 hp. turb. (wtr.) Pelton-Francis. (Also lts. Hazen and Rochester.) (Contemplates hydro-elec plant at Reno.)
D N W 3 16

**MANHATTAN,** 1,000—Nevada-California Pwr. Co. See Denver. Colo.
Local Supt. J. F. Kryder......Manhattan

Transmn. volt. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v.
D L 3 16

**RENO,** 10,867—Sierra Pacific Elec. Co. (Owns all the stock of Reno Pwr., Lt. & Wtr. Co., Washoe County Pwr. & Devel. Co., Hunter Creek Wtr. Co., Sparks Wtr. Co., and Truckee Riv. Gen. Elec. Co., which companies do the entire elec. ltg. & pwr. business in Reno, Sparks, Virginia City, Carson City and Silver City, Nev., and furnish pwr. in surrounding mining districts of Western Nevada. These companies also do the entire gas business in Reno, Sparks and Carson City and supply water for domestic purposes in Reno and Sparks); cap. $3,500,000 (prfd.); $8,000,000 (com.); bds. $400,000.
Pres. Alfred von der Ropp
San Francisco, Cal.
V. Prests. Wendell P. Hammon
San Francisco, Cal.
Frederick S. Pratt,
Boston, Mass.
Sec. Alvah K. Todd.............. "
Treas. Charles Hayden.......... "
Asst. Treas. Henry B. Sawyer.. "
Gen. Mgrs. Stone & Webster Mgt. Assn.
147 Milk St., Boston, Mass.
Mgr. of Operating Cos.
George A. Campbell..............Reno

The controlled companies operate 5 hydro-elec. plants on Truckee Riv. between Reno, Nev. and Floriston, Cal., tot. capacity 8100 kw.; sell energy in bulk to Mason Wtr., Lt. & Pwr. Co.; Verdi Lumber Co.; Reno Trac. Co. and Nevada Interurban Ry. Co.
★26

Reno Pwr., Lt. & Water Co. (Controlled by Sierra Pacific Elec. Co.); cap. auth. $1,000,000; bds. $443,000.
Treas. Henry B. Sawyer
147 Milk St., Boston, Mass.
Mgr. Geo. A. Campbell..............Reno
¶ Pur. Agt. C. H. Hoy.............. "
Supt. & Engr. Pwr. Sta. E D. Brown "

Power purchased from the Truckee River Gen. Elec. Co. 6 trans. 3249 kw; 1 mo. gen. 5000 kw; 3 a. c. West, Allis C, tot. 2200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 4000-220-550 v. 3 ph. 60 cys; 3600 hp. turb. (wtr.) Dayton, Allis-C.

City cont. 140 arcs G. E. 7.5 amps $60 per yr; all nt. (Co. sells pwr. to operate street rys. and also lts. Sparks.)
D L W 3 26

Truckee River Gen. Elec. Co. Office Reno. (Controlled by the Sierra Pacific Elec. Co.); 3 pwr. plants, located at Fleish, Verdi and Farad, Cal.; cap. auth. $3,000,000; no bds.
Mgr. Geo. A. Campbell..............Reno
Cont. Agt. H. A. Lemmon.......... "
¶ Pur. Agt. C. H. Hoy.............. "
Supt. & Engr. Pwr. Sta.
E. D. Brown........................ "

4 a. c. West. tot. 5900 kw. 23,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2000-220-440-550 v. 3 ph. 60 cys; 8600 hp. wtr. wh. Smith, Allis C; 40 transf. (step down) 9,292 kw.

City conts. 24 a. c. enc. arcs $60 to $96 per yr; 24 incs. 16 & 32 c. p. $12 to $24 per yr. (Co. furnishes Lt. & Pwr. in Carson City, Virginia City, Meriden, Gardenerville, Dayton, Empire and Yerington, Nev., Floriston, Cal., and pwr. to Reno Pwr. Lt. & Wtr. Co. and to Mines and Mfgrs.)
D L W 3 26

**RHYOLITE,** 675 — Nevada-California Pwr. Co. See Denver, Colo.
Local Supt. R. B. Layman.......Rhyolite
L 16

**SILVER PEAK** — Nevada-California Pwr. Co. See Denver, Colo.
Local Supt. A. M. Werner....Silver Peak
L 125

**SPARKS,** 2,500—Reno Pwr., Lt. & Wtr. Co. See Reno.

**TONOPAH,** 3,900—Nevada-California Pwr. Co. See Denver, Colo.
Local Supt. F. H. Bruce.........Tonopah
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440-220 v.
City cont. 172 Mazdas 80 c.p. $36 per yr.
D L X ✠ 16

**VIRGINIA CITY,** 2,244—Truckee River Gen. Elec. Co. See Reno.

**WINNEMUCCA,** 1,786—Winnemucca Wtr. & Lt. Co.
Pres. L. Michaels.....San Francisco, Cal.
Sec. E. Reinhart..............Winnemucca
Treas. M. Reinhart.......... "
¶ Pur. Agt. E. Reinhart & Co. "
*Mgr. W. L. Akin............ "
Engr. Pwr. Sta. E. M. Capurro "

3 a. c. G. E. tot. 425 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 600 hp. e. McI. & S, Atlas; 150 hp. e. (gas) Model; 420 hp. b. Stir, Gem City; 150 hp. wtr. wh. Pelton.

City cont. 50 Mazdas 250 w; oil, $1.60 per bbl.
G L S W 1 2 14

## NEW HAMPSHIRE.

**ALLENTOWN,** 1,457 — Manchester Trac., Lt. & Pwr. Co. See Manchester.

**ALTON,** 1,348—Alton Elec. Lt. & Pwr. Co.; cap. stk. $10,000.
Pres. Oscar Duncan...............Alton
V. Pres. (Mrs.) Nellie J. Duncan.. "
*Sec. Treas. & Mgr.
Raymond C. Duncan.............. "

Purchases energy from Cloutman Gas & Elec. Co., Farmington, N. H.; 5 transf. Allis-C, G. E. tot. 75 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 103 Mazdas series 25, 32 & 100 c.p. $10 per yr; moonlt. (Co. also lts. Alton Bay and New Durham.)
D L 1 ✠ 125

**AMHERST,** 1,060—Milford Lt. & Pwr. Co. See Milford.

**ANTRIM,** 1,235—Elec. Lt. Plant.
Owners, Goodell Co...............Antrim
*V. Pres. R. C. Goodell.......... "
¶ Sec. H. A. Hurlin.............. "
Engr. Pwr. Sta. F. E. Sheldon.... "

3 a. c. G. E. tot. 660 kw. 6600-2300-110 v. 3 ph. 60 cys; 1000 hp. turb. Rodney, Hunt.

City cont. 127 incs. 25 c. p. $13 per yr; all nt.; (Co. also lts. Bennington.)
L W 3 ✠ 125

**ASHLAND,** 1,412—Ashland Elec. Lt. Co.; cap. $15,000.
Pres. Jno. B. Sullivan...........Ashland
Sec. & Treas. Ellis G. Gammons. "
*¶ Mgr. Cont. Agt. Supt. &
Engr. Pwr. Sta. L. G. Fifield... "

1 a. c. G. E. 75 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 90 hp. e. West; 90 hp. turb. (wtr.) Hunt; 133 hp. b. Allen; 26 transf 55 kw. West.

City cont. 97 tung. 40 c. p. $12 per yr; all nt; wood and water $620 per yr.
D L S W 1 3 125

**BARTLETT,** 1,197 — Goodrich Falls Elec. Co. See Intervale.

***BATH,** 978—The Lisbon Lt. & Pwr. Co. See Lisbon.

**BEDFORD,** 1,110—Manchester Trac. Lt. & Pwr. Co. See Manchester.

**BELMONT,** 1,390—Tilton Elec. Lt. & Pwr. Co. See Tilton.

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Laconia Gas & Elec. Co. See Laconia.

**BERLIN,** 11,780—Twin State Gas & Elec. Co. Berlin Div. (Consolidation of Berlin Elec. Co. and Cascade Lt. & Pwr. Co.) (Pwr. plant at Gorham.) For officers, see Dover.

2 a. c. Ft. W. tot. 1500 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1600 hp. wtr. wh. Lef; trans. volt. 10,000 v.

City cont. 90 arcs; all nt.

D L W 2 ✠ 16

**BETHLEHEM,** 1,201—Bethlehem Elec. Lt. Co.; cap. $50,000, 6 p. c. div; bds. $25,000, 5 p. c. in .

Pres. A. W. Fuller..............Gorham
V, Pres. Act. Sec. & Treas.
M. H. Taylor....................Berlin
*¶Mgr. & Cont. Agt.
Geo. H. Turner..............Bethlehem
Engr. Pwr. Sta. Orin Gigguy.... "

2 a. c. G. E. tot, 225 kw. 3120-115 v. s. ph. 60 cys; 450 hp. e. McI. & S; 450 hp. turb. Leffel; 200 hp. b. Erie City.

City cont 100 incs. 30 c. p. tot. $1200 per yr; 50 incs. 30 c. p. $250 for 4 mo; all nt; wood $3. (Co. sells energy to Whitefield).

L S W 1 ✠ ★16†

**BOSCAWEN,** 1,240—Penacook Elec. Lt. Co. See Penacook.

**BRADFORD,** 695—Bradford Elec. Lt. Plant; cap. $10 000.

*¶Owner & Mgr. Cyrus E. Hadley, Bradford

1 a. c. Stan. 75 kw. 1000-100 v. 2 ph. 133 cys: no day cir; 100 hp. e. Barnes; 77 hp. turb. Holyoke; 100 hp. b. Pierce & Thomas.

City cont. 36 incs. 25 c.p. $10 per yr; mdnt.

L S W 2 ✠ 125

**BRISTOL,** 1,478—Bristol Elec. Lt. Co.; cap $16,000; no bds.

Pres. Ernest B. Emerson
State Farm, Mass.
*¶Sec. Treas. Mgr. Cont. Agt.
& Ch. Engr. Geo. A. Emerson...Bristol
Engr. Pwr. Sta.
Geo. F. Butrick.................. "

2 a. c. Stan. tot. 300 kw. 2000-100 v. s. ph. 133 cys; a. c. day & nt. ltg. & mo. cir. 110-104 v. s. ph. 133 cys; 50 hp. e. (gas) De La V; 150 hp. turb. (wtr.) Hunt.

City cont, 122 tung. 40 c. p. $15.50 per yr; all nt; kerosene 5½ cts. per gal. (Co. sells energy to New Hampton Elec. Lt. & Pwr. Co.)

D G L W 1 ✠ 125

**BROOKLINE,** 501—*Orville D. Fessenden. Office and power plant at So. Brookline; cost $6,000.

1 a. c. Stanley 60 kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; — hp. e; — hp. b.

City cont. 50 Mazdas 32 c. p. $15 per yr; moonlt; coal and wood.

L S 3 ✠ 125

**CAMPTON,** 845—Campton Elec. Lt. Co.

*Mgr. Moody C. Dole..............Campton

L 44†

**CANAAN,** 1,408—Canaan Elec. Co. Gen. office, Raymond.

Pres. E. M. Allen....................Canaan
Sec. Lillian L. Gardner........ Raymond
*¶Treas. & Mgr. C. F. Gardner..... "

Energy purchased from Lebanon Elec. Lt. & Pwr. Co; 3 transf. G. E. tot. 60 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys: a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 ★125

**CENTRAL HARBOR,** 420—Meredith Elec. Lt. Co. See Meredith.

City cont. 29 street lamps tot. $27 per mo.

L 125

**CHARLESTOWN,** 1,348—Fall Mountain Elec. Co. See Bellows Falls, Vt.

**CLAREMONT,** 10,493—Claremont Pwr. Co. (Controlled by The Eastern Pwr. & Lt. Corpn.); cap. $160,000; bds. $150,000.

Pres. J. B. Taylor............ } 50 Pine St.,
V. Pres. L. H. Tyng .......... } New York
Sec. & Treas. J. R. Fusselman. "
¶Mgr. W. S. Barstow & Co., Inc. "
Local Mgr. J. D. Whittemore..Claremont

3 a. c. G. E, Ft. W. Bull, tot. 1450 kva. 2300 v. 3 ph. 60 cys; 2 d. c. Bull, 500 kw. 550 v; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 550 v; 1000 hp. e. Erie, Lentz; 600 hp. turb. (wtr.) Trump. Pelton; 600 hp. b. Erie, Franklin; 900 hp. e. (oil) Busch Sulzer Diesel; also purchases energy from Colonial Pwr. & Lt. Co.; 4 transf. G. E. tot. 1500 kw.

City cont. 39 arcs 6.6 amp. 500 w. $70 per yr; 208 series tung. 60 c.p. $19.50 per yr; all nt; coal $4.60 (Sells energy to Claremont Ry. & Lt. Co.)

C D L S W 1 3 ✠ 16

**COLEBROOK,** 1,905—William F. Allen Co. Elec. Lt. Plant. See West Stewartstown.

1 a. c. Stan. 420 kw. 1100 v. 2 ph. 60 cys; a.c. nt. ltg. cir. 104 v. 60 cys; 600 hp. turb. (wtr.) Lef; trans. 6000 v.

City cont. 200 Mazdas 32 c.p. $10 per yr; all nt.

L W 2 ✠ 23

**CONCORD,** 21,497—Concord Elec. Co. 15 Capitol St.; ex-office 201 Devonshire St., Boston, Mass; cap. $675,000; bds. $335,000,

Pres. Allen Hollis..................Concord
V. Prests. A. B. Tenney
201 Devonshire St., Boston, Mass.
D. E. Manson
201 Devonshire St., Boston, Mass.
Sec. Robt. M. Wright............. Concord
Treas. E. A. Bradley
201 Devonshire St., Boston, Mass.
*Mgr. Levin J. Chase..............Concord
¶ Pur. Agt. F. P. Mooney
201 Devonshire St., Boston, Mass.
Supt. J. B. McLeod.................Concord
Engr. Pwr. Sta. M. H. Peabody... "

9 a.c. G. E. tot. 3000 hp. 2300-112 v. 3 ph. 60 cys; a. c. day cir. 112 v; pwr. cir. 112 v; 1000 hp. e. Bckye, H. F. & M; 2000 hp. turb. (wtr.) Victor, Allis-C; 1200 hp. b. Bab. & W.

City cont. 653 incs. 200, 60 & 40 c. p. $48.50, $23.50 & $18 per yr; all nt.; coal $5.

D L S W 3 ★125

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Penacook Elec. Lt. Co. See Penacook.

**CONTOOCOOK,** 1,247—Contoocook Elec. Lt. Co.; cap. auth. & pd. in $23,000, 6 p. c. div.

*¶Pres. & Mgr. H. J. Davis...Contoocook
Sec. & Treas. H. W. Marshall "

2 a. c. West. 125 kw. 2300 v. 60 cys; no day cir; 200 hp. turb. S. & B.

City cont. 160 incs. 25 c. p. $12.50 per yr. all nt. (Also lts. Hopkinton and Warner.)

L W X 125

**CONWAY,** 3,143—Conway Elec. Lt. & Pwr Co.; cap outstg. $25,200.

*¶Pres. Wm. A. Peterson... Salem, Mass.
V. Pres. C. F. A. Morse.... " "
Sec. Treas. & Mgr. S. M. Hobson. Conway

Energy purchased from Swan Falls Co; 3 transf. G. E. 200 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 92 incs. series 6.5 amp. $12 per yr.

D L 1 ★85

**DERRY,** 6,500—Derry Elec. Co.; cap. $50,000; bds. $50,000.

Pres. G. K. Bartlett.....Brookline, Mass.
V. Pres. Warren P. Horne..........Derry
Sec. B. T. Bartlett.................. "
*¶Treas. & Mgr. J. B. Bartlett...... "
Supt. D. F. Griffiths ............... "

Purchases energy from Manchester Trac., Lt. & Pwr. Co.; 3 transf. G. E. tot. 450 kw; 1 a. c. Stan, 150 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E, West. tot. 200 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d. c. st. ry. cir. 550 v; 650 hp. e. McI & S. Rollins; 350 hp. b. Dillon; 100 kw. hr. bat. Gould; stm. plant reserve.

City cont. 7 arcs. G. E. 6.6 amp. $60 per yr; 217 tung. 40 c. p. $12 per yr; mdnt. moonlt; coal $5. (Co. sells pwr. to Chester & Derry R. R. Assn.)

C D L S 1 3 ✣ 75

**DOVER,** 13,247—Twin State Gas & Elec. Co. Office Masonic Bldg. (A subsidiary of the Middle West Utilities Co.) (Owns Berwick & Salmon Falls Elec. Co. Pwr. stas. at Dover and So. Berwick, Me., Gorham, N.H., Hoosick Falls, N.Y. and Bennington, Brattleboro and St. Johnsbury, Vt.)

*Pres. I. L. Meloon.................Dover
Sec. A. D. Foster .................. "
Treas. & Mgr. W. G. Meloon........ "
Asst. Sec. & Treas. J. F. Reilly..... "
Engr. Pwr. Sta. J. L. Ordway....... "
Ch. Elecn. E. H. Sweet............. "

3 a. c. G. E. tot. 1500 kw. 10,000-3450-2240-575 v. 3 ph. 60 cys; a. c. day ltg. cir. 118 v; a. c. pwr. cir. 550 v; 1500 kw. steam turb. G. E; 1200 hp. b. Stir; 200 amp. hr. bat. E. S. B.

City cont. 841 Mazdas 6.6 amp. 300, 200, 80 & 60 c. p. $80, $54, $29 & $25 per five yr. cont.; all nt; coal $4.55. (Co. serves Dover, Rochester, Somersworth, Berlin, Berlin Mills, Hinsdale, Gorham, Milan, Rollinsford and Salmon Falls, N. H.; Berwick, North Berwick, So. Berwick, So. Berwick Jct. and Lebanon, Me.; Bennington, Bennington Center, No. Bennington, Brattleboro, Newfane, W. Brattleboro, Concord, Danville, Passumpsic, St. Johnsbury and St. Johnsbury Center, Vt., and Hoosick, Hoosick Falls and No. Hoosick, N. Y.)

D L S 8 ✣ 16

**DUBLIN,** 571—Keene Gas & Elec. Co. For officers, see Keene.

1 d. c. Westg. 7½ kw. 125 v; 2 a. c. Westg. tot 250 kw. 2300-1100 v. 3 ph. 60 cys; 399 hp. turb. (wtr.) Smith; s. ph. energy from Peterboro.

City cont. 100 series Mazdas 4 amp. 40 c. p. $20 per yr; all nt.

C L W 1 3 ✣ 25

**DURHAM,** 823—New Market Elec. Co. See New Market.

City cont. tot. incs. $730 per yr; all nt.

L 125

**EAST GOFFSTOWN,** 2,528 — Manchester Trac., Lt. & Pwr. Co. See Manchester.

**EAST JAFFREY,** 1,331—New Hampshire Wtr. & Elec. Pwr. Co. See Fitzwilliam.

**ENFIELD,** 1,448 — American Woolen Co. (Elec. Lt. Dept.) See Maynard, Mass.

**EPPING,** 1,649—New Market Elec. Co. See New Market.

City cont. 85 incs. $1,000 per yr; moonlt. mdnt.

L 125

**EXETER,** 4,897—Exeter & Hampton Elec. Co. Gen. office, 81 Water St.

Pres. Allen Hollis................Concord
V. Pres. Chas. H. Tenney,
Springfield, Mass.
Sec. Horace B. Wood......Boston, Mass.
Treas. E. A. Bradley....... " "
Audr. H. A. Gidney........ " "
Gen. Mgr. H. T. Sands...... " "
*Asst. Treas. & Local Mgr.
Geo. D. Baxter..................Exeter

Purchases energy from Rockingham County Lt. & Pwr. Co.

City cont. 73 arcs; 249 tung. (Co. also lts. Kingston, Seabrook, Stratham and Hampton Falls.) (Will extend trans. line to East Kingston.)

L 16†

**FARMINGTON,** 2,621—Cloutman Gas & Elec. Co.; cap. $15,000.

*¶ Pres. & Mgr. W. D. Allen. Farmington
Sec. & Treas. Nellie A. Allen "

1 a. c. West. 75 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 200 hp. b. Dillon; 114 hp. turb. (wtr.) Smith; 300 kw. turb. (stm.) G. E.

City cont. 169 Mazdas 60 c. p. $20 per yr; all nt; coal $5.10. (Sells energy to Alton Elec. Lt. & Pwr. Co.)

D L S W 2 125

**FITZWILLIAM,** 1,148—New Hampshire Wtr. & Elec. Pwr. Co. (Acquired the property of Jaffrey & Troy Elec. Lt. Co.); cap. $400,000.

*Pres. E. R. Anderson,
84 State St., Boston, Mass.
Treas. H. H. Berry......Providence, R. I.
Mgr. J. Kenny..................East Jaffrey

Energy purchased from Conn. River Pwr. Co.

City cont. all nt. (Co. supplies energy to Fitzwilliam, Richmond, Rindge, Troy, Jaffrey and East Jaffrey.)

L ★26†

**FRANKLIN,** 6,132—Franklin Lt. & Pwr. Co.; cap. auth. & pd. in $150,000.

Pres. A. W. Sulloway...........Franklin
*¶Treas. & Mgr. J. P. Proctor.. "

4 a. c. West, G. E. tot. 540 kw. 2300 v. 3 ph. 60 cys; a. c. day ltg. & pwr. cir. 110 v; 800 hp. turb. (wtr.) Smith, S. & B.

City cont. 60 arcs 2000 c. p. $65 per yr; 47 incs. 32 c. p. $15 per yr; all nt. (Will install additional 360-hp. gen. unit.)

D L W 3 ✣ 125

**GOFFSTOWN,** 2,579—Manchester Trac. Lt. & Pwr. Co. See Manchester.

***GORHAM,** 2,155—Twin State Gas & Elec. Co. See Dover.

**GRAFTON CENTER,** 50—United Mica Co.

Pres. J. F. Williamson.....Boston, Mass.
V. Pres. Louis H. Schmider "
Sec. Fred. A. Beals.........Everett, Mass.
Treas. Mitchell Ward.........Manchester
*Mgr. Chas. F. Willis.....Grafton Center
Supt. Geo. H. Johnson "
Engr. Pwr. Sta. Chas. Martin "

1 d. c. G. E. 75 kw. 125 v; 20 hp. e. (gas) Abenque; 100 hp. turb. (wtr.) Hunt; 100 hp. b. Cungh.

Coal, wood, gasoline.

C G L S W 23

**GREENLAND,** 575 — Rockingham County Lt. & Pwr. Co. See Portsmouth.

a. c. day & nt. ltg. cir. 117 v. 60 cys.

D L 16

**GREENVILLE,** 1,374—Greenville Elec. Ltg. Co.
Pres. & Treas. H. J. Taft......Greenville
*Sec. & Mgr. J. C. Taft....... "
Ch. Engr. H. R. Nutting...... "
1 a. c. —— 30 kva. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; trans. volt. 1100 v. s. ph; 100 hp. e. Fitch; 250 hp. b. Dillon; 50 hp. wtr. wh. Hol.
City cont. 75 incs. 32 c. p. $25 per yr; all nt; coal.
L S W 1 ✠ 16

**GROVETON,** 1,500—Groveton Elec. Lt. Co.; cap. $10,000; no bds.
Pres. Wm. A. Knight......Lewiston, Me.
V. Pres. Geo. B. Bearce..... " "
Sec. Treas. & Mgr.
Harry Stetson............ " "
*¶Supt. & Cont. Agt.
E. H. Macloon..................Groveton
Purchases energy from Lyman Falls Pwr. Co; 4 tranf. G. E. tot. 150 kw. 3 ph; a. c. day & nt. ltg. cir. 104 v. 40 cys: a. c. day & nt. mo. cir. 104-208 v. s. ph. 40 cys.
City cont. 5 arcs 5 amp. $75 per yr; 118 series incs. 50 w. $10 per yr; moonlt. (Co. also lts. Stratford and Bloomfield).
D L 1 3 16

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Lyman Falls Pwr. Co. (Pwr. Plant at Bloomfield, Vt.); cap. $65,000.
Pres. John D. Clifford.....Lewiston, Me.
V. Pres. Geo. B. Bearce..... " "
Sec. Treas. & Mgr.
Harry Stetson............ " "
¶ Supt. E. H. Macloon.. .......Groveton
Engr. Pwr. Sta. C. F. Wood. Bloomfield, Vt.
2 a. c. G. E. tot. 1000 kw. 15,000 v. 3 ph. 40 cys; 1336 hp. turb. (wtr.) Victor, S. B. (Sells energy to Groveton Elec Lt. Co.)
S T W 3 16

**HANOVER,** 2,075—Mascoma Elec. Lt. & Gas Co. See White River Junction, Vt.

**HAVERHILL,** 3,489—Bradford Elec. Ltg. Co. See Bradford, Vt.

**HENNIKER,** 1,395—Hillsboro Elec. Lt. & Pwr. Co See Hillsboro.

**HILLSBORO,** 2,168—Hillsboro Elec. Lt. & Pwr. Co.; cap. auth. & pd. in $35,000. Cost $70.000.
*Pres., Treas. & Mgr. W. P. Grimes Hillsboro
V. Pres. J. H. Grimes.......... "
Sec. W. D. Forsaith............ "
Supt. Geo. J. Wadleigh......... "
1 a. c. G. E. 200 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg cir; 110 v 300 hp. turb. Hunt.
City cont. 120 incs. 24 c. p. $13 per yr; all nt. (Co. also lts. Henniker.)
D L W 3 125

**HINSDALE,** 1,673—Twin State Gas & Elec. Co. See Brattleboro, Vt.

**HOOKSET,** 1,528—Manchester Trac. Lt. & Pwr. Co. See Manchester.

**HOPKINTON,** 1,578—Contoocook Elec. Lt. Co. See Contoocook.

**HUDSON,** 1,261—Nashua Lt., Ht. & Pwr. Co. See Nashua.

**INTERVALE,** 250 — Goodrich Falls Elec. Co.; cap. auth. & pd. in $36,000; no bds.
Pres. A. N. Twitchell ...........Gorham
Sec. G. E Clark................. "
*¶ Treas. & Mgr. H. S. Mudgett, Intervale
Ch. Engr. S. Morton.................Glen
1 a. c. Stan. 5000-2200 v. 2 ph. 133 cys; 825 hp. turb. Leffel.
City cont. 100 incs. 32 c. p. $10 per yr; all nt. (Co. also lts. Glen, North Conway, Bartlett, Jackson and Kearsage.)
L W 2 44†

**JACKSON,** 452—*Wentworth-Hall Elec. Co.
Pres. M. C. Wentworth..........Jackson
Sec. & Treas. Molly L. Hurlin... "
Engr. Pwr. Sta. Sam. J. Haselton "
2 d c. C. & C. 60 kw. 125 v; d. c. day cir. 110 v; 100 hp. turb. Pelton; 45 hp. b. McCabe.
C D L S W 25

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Goodrich Falls Elec. Co. See Intervale.

**JAFFREY,** 1,895—New Hampshire Wtr. & Elec. Pwr. Co. See Fitzwilliam.
a. c. day & nt. ltg. cir.
D L 26†

**KEENE,** 10,068—Keene Gas & Elec. Co. (Properties outside of Keene City leased from Ashuelot Gas & Elec. Co.); (Controls Dublin Elec. Co. and Peterboro Elec. Co.); cap. $300,000; bds. $187,500.
Pres. W. H. Elliott ................Keene
V. Pres. W. L. Mason............... "
*¶ Treas. & Mgr. G. M. Rossman.. "
Supt. Ralph D. Smith............... "
Energy purchased from Conn. River Pwr. Co., Vernon, Vt.; 6 a. c. G. E, West. tot. 7; 30 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day cir. 110 v; a.c. mo. cir. 220-110 v; 250 hp. e. Fitch; 350 hp. e. (gas) West; 450 hp. turb. (wtr.); 180 hp. b. Bab. & W.
City cont. 9 arcs G. E. 450 w. $90 per yr; 983 incs. 60 c. p. $20 per yr; all nt; coal $4.60 & $5.15. (Co. also lts. Swanzey, W. Swanzey, Chesterfield, Greenfield, Harrisville, Westmoreland, Winchester, Ashuelot and Spofford; also operates in Peterboro and Dublin.)
D G L S W 3 ✠ 125

**KINGSTON,** 1,015—Exeter & Hampton Elec. Co. See Exeter.

**LACONIA,** 10,183—Laconia Gas & Elec. Co. Executive office, Keene. Pwr. plants in Lakeport and Lochmere; cap. $400,000, 6 p. c. div; bds. $275,000.
Pres. W. L. Mason...................Keene
V. Pres. Allen Hollis............Concord
*¶ Treas. & Mgr. Geo. M. Rossman..Keene
Supt. F. T. Brockington.........Laconia
Engr. Pwr. Sta. C. P. Lougee.... "
6 a. c. G. E. Allis-C. tot. 1350 kw. 6600-2200 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. s. 2 & 3 ph; 450 hp. e. (oil) Diesel; 1950 hp. turb. (wtr.) Victor, Leffel.
City cont. 490 Mazdas 40 c. p. $20 per yr; 28 Mazdas, 60 c. p. $23.50 per yr; all nt. (Also lts. Lakeport, Wiers, E. Tilton and Guilford; furnishes energy for ltg. and pwr. in Sanbornton, for pwr. in Belmont, and sells in bulk to Meredith Elec. Lt. Co.)
D G L W 2 3 ✠ 125

**LAKEPORT,** 2,900—Laconia Gas & Elec. Co. See Laconia.

**LANCASTER,** 3,054—Lancaster & Jefferson Elec. Co.
Treas. C. H. Thompson....Montpelier, Vt.
*Supt. & Engr. Pwr. Sta.
Walter U. Colby ...............Lancaster
3 a. c. G. E. tot. 240 kw. 2200-104 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys; 220 hp. e. A. & S; 375 hp. turb. Victor, Smith; 275 hp. b. Portland.
Ltg. 10 cts. per kw; coal $5.
D L S W 1 25

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Jones & Linscott Elec. Co.; cap. $40,000.
Pres. H. H. Jones...............Lancaster
*¶ Treas. & Mgr. Fred. S. Linscott "

2 a. c. West. tot. 140 kw. 2200-104 v. 3 ph. 60 cys; a. c. day cir. 104 v; mo. cir. 440 v; 100 hp. e. Ames, West; 50 hp. e. (gas) West; 100 hp. b; 150 hp. turb. (wtr.)

City cont. 5 nitro. lamps, 600 c. p. $75 per yr; 142 incs. 30 c. p. $9.60 per yr; all nt; coal $5.50; gasoline 17.5 cts. per gal.

D G L S W 3 125

**LEBANON,** 5,718—Lebanon Elec. Lt, & Pwr. Co.; cap. auth. & pd. in $18,000, 6 p. c. div.

Pres. Chas. P. Chase..............Hanover
V. Pres. Thos. M. Streeter..Boston, Mass.
Clerk & Gen. Mgr
Frank Collins..........West Lebanon
Treas. Philip L. Saltonstall........Boston
*Supt. H. M. Tucker..............Lebanon

8 a. c. Westg. Ft. W. tot. 575 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 275 hp. e. Ball, Rus; 40 hp. wtr. wh. Smith; 300 hp. b. Dillon.

City cont. 6 arcs flaming 500 w. $60 per yr; 175 Mazdas 40 c. p. $12.50 per yr; all nt; moonlt; coal $5.15 Sells in bulk to Canaan Elec. Co.

D L S W 1 3 ✠ ★125

**LINCOLN,** 1,278—J. E. Henry & Sons Co.

Pres. G. E. Henry..................Lincoln
*¶ V. Pres., Mgr. & Cont. Agt.
C. B. Henry........................ "
Sec. & Treas. J. H. Henry........ "
Supt. & Engr. Pwr. Sta.
W. H. Holmes.................... "

7 a. c. West. tot. 2300 kw. 6600 & 440 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 25 cys; 2400 hp. b. Erie City, Cungh; 2800 hp. e. Erie City; 1800 hp. wtr. wh. Platt.

Coal $5. (Also lt. No. Woodstock.)

D L S W 3 25

**LISBON,** 2,460—The Lisbon Lt. & Pwr. Co. (Consolidation of Lisbon Pwr. Co. & The Lisbon Edison Elec. Lt. Co.) (Water power stations at Lisbon and Bath.) Cap. outstdg. $4,500.

Pres. N. G. English.................Lisbon
V. Pres. Geo. Brummer.............. "
*¶Sec., Treas. & Mgr. W. W. Oliver. "
Engr. Pwr. Sta. Alden S. Marlin.... "

3 a. c. W. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 112 v; Holyoke wtr. whs; 200 hp. e. (oil) M. & W.; transmn. volt. 6600 v. 3 ph. 60 cys.

City cont. 6 arcs $96 per yr; 175 incs. 32 c. p. $12 per yr; all nt. (Co. also lts. Bath.)

G L W 3 ✠ 25

**LITTLETON,** 4,069—Munic. Wtr. & Lt. Co.; cost $200,000; bds. auth. & outstg. $200,000, 3½ p. c. int.

*¶ Treas. & Supt. F. M. Everest, Littleton

2 a. c. Stan. 300 kw. 2000-100 v. 2 ph. 133 cys; 600 hp. turb. Hunt, Smith; 75 hp. b. Roberts.

260 city incs. 16 & 32 c. p. $8 per yr; all nt.

L W 2 16+

**LONDONDERRY,** 1,533—Manchester Trac., Lt. & Pwr. Co. See Manchester.

**MANCHESTER,** 70,063—Manchester Trac. Lt. & Pwr. Co. (Owns and operates Manchester Elec. Lt. Co., Union Elec. Co., Merrimack Elec. Lt. Ht. & Pwr. Co., Garvin Falls Pwr. Co. and Nashua Lt., Ht. & Pwr. Co.; also owns Manchester St. Ry., Manchester & Nashua St. Ry. and the Manchester & Derry St. Ry.); cap. $3,640,000. 8 p. c. div; bds. $2,000,000.

Pres. E. C. Foster............Manchester
V. Pres. & Gen. Mgr.
J. Brodie Smith.............. "
Sec. Edwin F. Jones......... "
Treas. P. L. Saltonstall....Boston, Mass.
*¶ Elec. Engr. Saml. P. Hunt. Manchester
Engr. Pwr. Sta.
Leonard J. Farrell.......... "

16 a. c. G. E. Stan. 7930 kw. 2200-1100 v. 3 ph. 60 cys; 7 d. c. G. E. 3100 kw. 550 v; rotary convts. West. 2100 kw. 550 v; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 4000 hp. e. West, Woodbury; 5900 hp. turb. (wtr.) Hunt, Holyoke. 5900 hp. b. Stearns, Kend. & Man; trans. 11,000 v.

City cont. 607 Mazda lamps 7.5 amp; 517 Mazda lamps 100 c. p. 7.5 amp; all nt; coal $4.75. (Also lts. Suncook, Hookset, Pembroke, East Goffstown, Goffstown, Grassmere, Derry, Bedford, Bow, New Boston, Allentown, Weares, Londonderry, Litchfield and Merrimack, and sells energy to ry. and ltg. companies.)

C D R S W 3 16

**MARLBORO,** 1,478—Marlboro Elec. Lt. Ht. & Pwr. Co.; cap. auth. & pd. in $14,700.

¶ Pres. L. G. Davis.............Marlboro
Sec. & Treas. W. S. Garfield.... "
*Supt. H. W Hildreth.......... "

1 d. c. Ft. W; 105 hp. turb. Hunt. Purchases power also from the Keene Gas & Electric Co., Keene.

All nt; moonlt.

C L W 85a

**MEREDITH,** 1,638—Meredith Elec. Lt. Co. (Purchased property of Central Harbor Elec. Lt. Co.); cap. $16,000; bds. $5,000.

Pres. W. A. Griffith .. Providence, R.I.
Sec. & Treas. Jas. A. Rogers "
Mgr. H. B. Rust.......... "
*¶ Supt. A. H. Plaisted.........Meredith

Purchases energy from Laconia Gas & Elec. Co.; 1 G. E. transf. 75 kw; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt mo. cir. 110 220 v. s. ph. 60 cys.

City cont. 95 Mazda series 40 w. $14 per yr; 12.30 P. M. (Co also lts. Meredith Neck, Central Harbor and part of Moultonboro.

D L 1 125

**MERRIMACK,** 1,039—Manchester Trac. Lt. & Pwr. Co. See Manchester.

**MILFORD,** 3,939—Milford Lt. & Pwr. Co.; cap. $150,000; prfd. stock $45,000.

Pres. Philip H. Farley, 50 State St.
Boston, Mass.
Sec. Joseph P. Hines....... "
Treas. Wm. H. Burgess, 50 State St.
Boston, Mass.
*Supt. A. A. Murray..............Milford
Engr. Pwr. Sta. H. C. Lease....... "

2 a. c. Wagner. tot. 500 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 900 hp. e. Rollins; 400 hp. b. Scannell; 250 hp. turb. (wtr.) Smith.

City cont. 11 Mazdas 200 c. p. $50 per yr; 234 Mazdas 40 c. p. $20 per yr; all nt; coal $5. (Co. also lts. Amherst, Mount Vernon and Wilton.) (Will erect trans. line to Townsend, Mass.)

D L S W 3 95w

**NASHUA,** 26,005—Nashua Lt. Ht. & Pwr. Co. Gen. office, 70 E. Pearl St. (Owned by Manchester Trac., Lt. & Pwr. Co.); cap. $600,000; no bds.

Pres. E. C. Foster............Manchester
Sec. E. F. Jones................ "
Treas. P. L. Saltonstall,
53 State St., Boston, Mass.
Audr. A. J. McKean................Nashua
¶ Mgr. G. L. Sadler ................ "
Ch. Engr. John Colby ............ "

3 a. c. G. E. tot. 1500 kw. 2200 v. 3 ph. 60 cys; 1 rectifier G. E. 50 kw; a. c. day & nt. ltg. cir. 112-224 v. 60 cys; a. c. day & nt. mo. cir. 110-220 550 v. s. & 3 ph. 60 cys; 1500 kw. turb. (stm.) G. E; 1050 hp. b. A. & T, Bab. & W; also purchases energy

from Manchester Trac., Lt. & Pwr. Co; 3 transf. G. E. tot. 2250 kw.

City cont. 244 arcs encl. 6.6 amp. $90 per yr; 149 incs. series 40 c. p. $20 per yr; 121 incs. series 60 c. p, $25 per yr: 3 incs. series 80 c. p. $29 per yr: all nt; 38 lumn. boul. arcs $72 per yr. & 15 lumn. boul. arcs $125 per yr. mdnt; coal $4.85. (Also lts. Hudson.)

D L S 1 3 ✣ ★125

**NEWCASTLE,** 642—Rockingham County Lt. & Pwr. Co. See Portsmouth.

a. c. day & nt. ltg. cir. 117 v. 60 cys.

D L 16

**NEWFIELDS,** 647—New Market Elec. Co. See New Market.

City cont. incs. tot. $480 per yr; moonlt.

L 125

**NEW HAMPTON,** 852—New Hampton Elec. Lt. & Pwr. Co.; cap. $4,000.

Pres. Geo. A. Emerson..........Bristol
V. Pres. M. H. Mersow....New Hampton
*Sec., Treas. & Mgr.
C. D. Thyng.............. "

Purchases energy from Bristol Elec. Co.

City cont. 22 incs. 32 c. p. $15 per yr; all nt.

L 75

**NEWINGTON,** 296—Rockingham County Lt. & Pwr. Co. See Portsmouth.

a. c. day & nt. ltg. cir. 117 v. 60 cys.

D L 16

**NEW MARKET,** 3,348—New Market Elec. Co.

Pres. E. G. Eastman...............Exeter
Sec. John Scammon................ "
Treas. Wm. H. C. Follansby....... "
*¶ Mgr. & Cont. Agt.
Fred. B. Philbrick..........New Market
Engr. Pwr. Sta. W. L. Priest "

2 a. c. Stan. 252 kw. 2300-110 v. 2 ph. 60 cys; a. c. nt. ltg. cir; 225 hp. e. A. & S; 250 hp. turb. Hunt; 275 hp. b. Hodge.

City cont. 18 Mazdas "C" 250 w. and 108 Mazdas "C" 40 w. tot. $2400 per yr; all nt. (Co. also lts. Durham, Epping and Newfields.)

L S W 2 ✣ 125

**NEWPORT,** 3,765—Newport Elec. Lt. Co. (Controls Sunapee Elec. Lt. & Pwr. Co.); cap. $70,000.

Pres. & Treas. Geo. E. Lewis....Newport
V. Pres. F. L. Houghton..Brattleboro, Vt.
Sec. W. W. Safford...............Newport
*¶ Mgr. H. J. Sage,
201 Devonshire St.. Boston, Mass.
Engr. Pwr. Sta. S. H. Jordan....Newport

3 a.c. G. E. tot. 1012 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 336 hp. e. Erie City: 300 hp. turb. (wtr.) Hol; 500 kw. turb. (stm.) G. E; 588 hp. b. Bab. & W.

City cont. 265 Mazdas 60 c. p. $8 per yr; mdnt: coal $4.95. (Sells energy to Sunapee Elec. Lt. & Pwr. Co.)

D L S W 1 3 ★16

**NORTH CONWAY,** 1,000—Goodrich Falls Elec. Co. See Intervale.

**NORTHFIELD,** 1,474—Tilton Elec. Lt. & Pwr. Co. See Tilton.

**NORTH HAMPTON,** 783—Rockingham County Lt. & Pwr. Co. See Portsmouth.

a. c. day & nt. ltg. cir. 117 v. 60 cys.

D L 16

**PEMBROKE,** 3,062—Manchester Trac. Lt. & Pwr. Co. See Manchester.

**PENACOOK,** 2,000—Penacook Elec. Lt. Co.; cap. $40,000.

Pres. Anson C. Alexander......Penacook
Sec. Willis G. Buxton........... "
¶ Treas. A. G. Harris............ "
*Supt. R. L. Harris ............... "
Engrs. Pwr. } F. B. Dodge...... "
Sta. } Fred Cleveland...... "

2 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 350 hp. e. Rollins; 350 hp. b. Intrnl; 400 hp. wtr. wh. Hunt.

City cont. 138 Mazdas 32 c. p. $12.50 per yr; all nt; coal $5.25. (Co. also lts. Concord and Boscawen.)

D L S W 1 3 ✣ ★125

**PETERBORO,** 2,277—Keene Gas & Elec. Co. For officers, see Keene.

Supt. T. W. Gunn.................Peterboro

1 a. c. Bull. 115 kw. 2360 v. 3 ph. 60 cys; a. c. day (1 P. M.) & nt. ltg. cir. 110 v. 60 cys; 85 hp. e. Fitch; 165 hp. turb. (wtr.) Hunt: 125 hp. b. Bamhurst.

175 city incs. a. c. series 32 c. p; all nt; coal $5.50. (Trans. s. ph. to Dublin.)

D L S W 1 3 ✣ 16

**PITTSFIELD,** 2,222—Pittsfield Lt. & Pwr. Co.; cap. $10,000.

Pres. F. D. Hutchins............Pittsfield
*Sec. Geo. H. Colbath........... "
¶ Treas. & Gen. Mgr.
C. F. Gardner...............Raymond
Ch. Engr. S. G. Holmes........Pittsfield
Engr. Pwr. Sta. B. P. Brown... "

1 a. c. West. tot. 85 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Rollins; 125 hp. b. Robb. M.

City cont. 2 mult. arcs 500 c. p. $75 per yr; 73 series Mazdas 32 c. p. $17.25 per yr; mdnt; coal $4.80.

L S 3 25

**PLAISTOW,** 1,173—Haverhill Elec. Co. See Haverhill, Mass.

**PLYMOUTH,** 2,200—Plymouth Elec. Lt. Co.; cap. $10,000.

¶ Pres. & Mgr. Percy M. Ayer..Plymouth
V. Pres. Treas. & Cont. Agt.
Chas. J. Ayer.................. "
*Sec. A. F. Wentworth......... "
Supt. J. M. Dustin.............. "
Engr. Pwr. Sta. Frank Guinty.. "

3 d. c. Ed. tot. 110 kw. 114 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 120 v; 300 hp. e. Mur; 150 hp. b. Kendall.

City cont. 10 nitro lamps 1100 c. p. $200 per yr; 400 incs. 32 c. p. $7 per yr; moonlt; all nt: coal $5.10. (Also lts. Holderness.)

C D L S ✣ ★125

**PORTSMOUTH,** 11,269—Rockingham County Lt. & Pwr. Co. (Controlled by New Hampshire Elec. Rys.) (Operates Kittery Elec. Lt. Co.); cap. auth. & pd. in $1,000,000; bds. $600,000.

Pres. D. A. Belden......Haverhill, Mass.
V. Pres. Franklin Woodman "
Treas. Frederick E. Webster "
¶ Supt. F. A. Belden.........Portsmouth
Supt. Ovhd. Distrbn.
W. F. Tilton.............. "
Ch. Engr. O. A. Peterson.... "

5 a. c. G. E. tot. 8000 kw. 2300 & 13,200 v. 2 & 3 ph. 25 & 60 cys; a.c. day & nt ltg. cir. 117 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 4000 kw. e. R. & S, West; 4000 kw. turb. (stm.) G. E: 4040 hp. b. Bab. & W.

City cont. 400 Mazdas "C" 200-32 c. p. $48.50—$17.50 per yr; all nt; coal $4 per ton. (Co. also lts. Newington, No. Hampton, Greenland, Newcastle and Rye; sells energy to Exeter and Hampton Elec. Co; Exeter Hampton & Amsbury St. Ry. Co: Mass. Northeastern St. Ry. Co: Dover, Somersworth & Rochester St. Ry. Co. (Contemplates installing 1,500 or 2,500 kw. stm. turb. and 2 boilers.)

D L 3 ✣ ★16

**RAYMOND,** 1,203 — Raymond Elec. Co.; cap. $8,000.
Pres. F. B. Gardner.........Boston, Mass.
Sec. L. L. Gardner...............Raymond
*¶ Treas. &. Mgr.
Charles F. Gardner........... "
Ch. Engr. A. L, Fogg............ "
Engr. Pwr. Sta. Heyden Shepherd "
1 a. c. Ft. W. 50 kw. 2300 v. 3. ph. 60 cys; a.c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 100 hp. e. H. F. & M: 100 hp. b. Scannell.
City cont. 1 arc 1200 c. p. and 45 series incs. 32 c. p. tot. $1000 per yr; moonlt; coal $4.80.
L S 3 ✠ 125

**ROCHESTER,** 8,868—Twin State Gas & Elec. Co. See Dover.

**ROLLINSFORD,** 1,836 — Twin State Gas & Elec. Co. See Dover.

**RYE,** 1,014—Rockingham County Lt. & Pwr. Co. See Portsmouth.
a. c. day & nt. ltg. cir. 117 v. 60 cys.
D L 16

**SALEM,** 2,117 — Salem Elec. Lt. Co. (Successor to Salem Lt., Ht. & Pwr. Co.)
Pres. F. P. Woodbury...............Salem
*Mgr. E. R Woodbury.............. "
Engr. Pwr. Sta. Chas. Cilley....... "
1 a. c. G. E. 90 kw.—v. s ph. 60 cys; 100 hp. turb. (wtr.) Trump. Also purchases energy from Haverhill Elec. Co.
City cont. 190 tung. 40 w. $16 per yr. all nt. (Co. also lts. Atkinson, Hampstead and Windham.)
L W 1 ✠ ★95†

**SALMON FALLS,** 1,050—Twin State Gas & Elec. Co. See Dover.

**SEABROOK,** 1,425—Exeter & Hampton Elec. Co. See Exeter.

**SOMERSWORTH,** 6,704—Twin State Gas & Elec. Co. See Dover.

**STEWARTSTOWN,** 1,128—W.F. Allen Elec. Co. See West Stewartstown.

**SUNAPEE,** 946—Sunapee Elec. Lt. & Pwr. Co. (Controlled by the Newport Elec. Lt. Co.); cap. $20,000.
Pres. & Treas. Geo. E. Lewis....Newport
V. Pres. F. L. Houghton..Brattleboro, Vt.
Sec. W. W. Safford ..............Newport
Mgr. H. J. Sage
201 Devonshire St., Boston, Mass.
Energy from Newport Elec. Lt. Co.; 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. & 3 ph.
City cont. 205 Mazdas 32 c. p. $8 per yr; mdnt.
D L 1 3 ★125

**SUNCOOK,** 3,183—Manchester Trac., Lt. & Pwr. Co. See Manchester.

**SWANZEY,** 1,656—Keene Gas & Elec. Co. See Keene.

**TILTON,** 3,000—Tilton Elec. Lt. & Pwr. Co.; cap. $170,000.
*¶ Pres. Treas. & Mgr. Wm. H. Moses
Tilton
Engrs. Pwr. Sta. { T. A. Love....... "
J. Ordway....... "
3 a. c. G. E, tot. West. 500 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; 250 hp. e. Rollins; 200 hp. b. Scannell; 575 hp. turb. (wtr.) Hunt
City cont. 30 arcs 1200 c. p. $77.50 per yr; 70 series tung. 32 c. p. $15 per yr; all nt. (Co. also lts. Belmont and Northfield.)
D L S W 3 ✠ ★125

**TROY,** 1,331—New Hampshire Wtr. & Elec. Pwr. Co. See Fitzwilliam.
a. c. day & nt. ltg. cir.
D L 26†

**TUFTONBORO,** 612 — *Tuftonboro Elec. Lt. & Pwr. Co.
L 14†

**WALPOLE,** 2,668—Fall Mountain Elec. Co. See Bellows Falls, Vt.

**WARNER,** 1,226—Contoocook Elec. Lt. Co. See Contoocook.

**WEARES,** 1,325—Manchester Trac., Lt. & Pwr. Co. See Manchester.

**WEST CAMPTON,** 63—West Campton Elec. Lt. Co.
Mgr. S. E. Dunklee .......West Campton
1 d. c. F. M. & Co. 7½ kw. 220 v; d. c. nt. ltg. cir; 10 hp. e. (gas) I. H. Co. Kerosene.
C G L §125

**WEST LEBANON,** 1,615—Mascoma Elec. Lt. & Gas Co. See White River Junction, Vt.

**WEST STEWARTSTOWN,** 400—William F. Allen Co. Elec. Lt. Plant; cap. $30,000; bds. $10,000.
*Pres. & Mgr.
Claude Van Dyke...West Stewartstown
V. Pres. & Treas.
E. W. Lawler. ...... " "
Sec. Merrill Shurtleff..........Lancaster
¶Pur. Agt. W. F. Allen, West Stewartstown
Supt. N. W. Thurston " "
Engr. Pwr. Sta. W. E. Heath
Canaan, Vt.
2 a. c. Stan. tot. 420 kw. 1100 v. 2 ph. 60 cys; a.c. nt. ltg. cir. 104 v; 500 hp. turb. (wtr.) Lef. Chase.
City cont. 175 tung. 40 w. $10 per yr; all nt. (Co. also lts. Colebrook, Stewartstown & Riverside, N. H. and Beecher Falls & Canaan, Vt.)
L W 2 ✠ 25

**WHITEFIELD,** 1,635—Whitefield Elec. Lt. Co.; cap. $20,000; bds. $6,800.
Owner, Estate of A. H. Eastman..Berlin
Treas. M. H. Taylor.................. "
Mgr. G. H. Turner.................. "
*Local Mgr. C. N. White.......Whitefield
Ch. Elecn. C. L. Colby ......... "
Energy from Bethlehem Elec. Lt. Co. 3000-104 v.
City cont., all nt.
L X ★125

**WILTON,** 1,490—Milford Lt. & Pwr. Co. See Milford.

**WINCHESTER,** 2,282—Keene Gas & Elec. Co See Keene.
City cont. 87 Tung. incs. 40 c. p.
L 16

**WOLFEBORO,** 2,390—Munic. Elec. Lt. Plant; cost $15,000; no bds.
*Treas. & Supt. H. L. Miles, Wolfeboro
Engrs. Pwr. Sta. { Fred Mayhew .... "
S. H. Reynolds...
2 a. c. C-W. 400 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 545 hp. e. Am; 150-167 hp. b. Hodge.
200 city tung. $10 per yr; all nt; coal.
L S 3 ✠ 25

**WONALANCET,** 50—Wonalancet Elec. Co.
(Co. also lts. Tamworth.)
L 14†

**WOODSVILLE,** 1,809 — Woodsville Aqueduct Corp.; cap. $30,000, 4 p. c. div.; bds. $30,000.
Pres. Ezra B. Mann..........Woodsville
Sec. & Treas. C. C. Rinehart.. "
*Supt. G. E. Cummings...... "
Engr. Pwr. sta. G. E. Mann.. "
2 a. c. G. E. tot. 300 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 104 v; a. c. day & nt. mo. cir. 104-208 v. s. & 3 ph. 60

cys; 150 hp. e. Brown; 130 hp. b. Phoenix; 310 hp. (wtr. wh.) Smith, Hol.

City cont. 80 series tung. 60 c. p. $15 per yr; all nt; coal $6.00.

D L S W 1 3 125

## NEW JERSEY.

**ALLENDALE,** 1,143—Rockland Elec. Co. of New Jersey. See Closter.

**ALLENTOWN,** 900—Munic. Elec. Lt. Dept.; bds. $10,500.

¶ Mgr. Cont. Agt. & Supt.
Chas. S. Joiner................Allentown
Engrs. Pwr. } Harry Holman.... "
Sta. } A. R. Bates....... "

1 d. c. Ft. W. 25 kw. 110-220 v; stor. bat. 15 amp. 8 hrs. Phila; d. c. day & nt. ltg. cir; 50 hp. gas pro. Smith; 60 hp. e. (gas) Natl. Meter Co.

105 city tung. 40 & 60 w; midnt. & all nt; coal $5 & gasoline.

C D G L ★125

**ALPHA,** 250—Eastern Pennsylvania Pwr. Co. of N. J. See Phillipsburg.

City cont. 28 incs. $86 per yr.

L 16

**ANDOVER,** 884—*Munic. Elec. Ltg. System.

Supt. W. R. Ayers...............Andover

Energy purchased from L. S. Mills; 12 transf. American; a. c. nt. ltg. cir.

65 city incs; moonlt.

L 1 113

**ASBURY PARK,** 10,150—Atlantic Coast Elec. Lt. Co. (Owns and operates New Jersey Wtr. & Lt. Co. and is in turn owned and operated by Atlantic Coast Elec. Ry. Co.); cap. $100,000; bds. $229,000.

Pres. S. F. Hazelrigg.........Asbury Park
*Sec. & Mgr. J. G. Campbell..Allenhurst
Treas. Geo. B. Cade........... "

Purchases energy from Atlantic Coast Elec. Ry. Co.; 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 500 arcs A. B. & G. E. 480 w. $70 to $90 per yr; all nt. (Co. also lts. Deal, Deal Beach, Allenhurst, Loch Arbour, Bradley Beach, Avon-by-the-Sea, Belmar, Spring Lake, Sea Girt, Villa Park, West Deal, South Elberon, Edgemere, Interlaken, West Avon, Lake Como, West Asbury Park, Oakhurst, West Allenhurst, Wanamassa, Bungalow Park, Whitesville, West Grove, Bradley Park, Neptune City, West Belmar No. Spring Lake, County Neck, Remsen Mills, Hamilton Mills, Hamilton, Glendola, Shark River, Wall, New Bedford, Algers Mills, Osborne Mills, Baileys Corner, Five Points, Allenwood, Old Mill, Blausingburg, Green Grove, Wayside and Poplar.)

D L 1 3 ✠ 16

**ATLANTIC CITY,** 46,150—(350,000 in summer.)—Atlantic City Elec. Co. (Controls Ocean City Elec. Lt. Co., and is in turn controlled by American Gas & Elec. Co., 30 Church St., New York, N. Y.)

Pres. R. E. Breed ...... New York, N. Y.
V. Pres. Geo. N. Tidd...... "
Mgr. H. L. Montgomery....Atlantic City
Asst. Mgr. H. C. Sterling "
Sec. & Treas. Frank B. Ball
New York, N. Y.
Ch. Engr. E. M. Plummer..Atlantic City

3 a. c. G. E. tot. 10,000 kw. 2200 v. 3 ph. 60 cys; 10 arc G. E. Brush tot. 1250 lts; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 224 v. s. & 3 ph. 60 cys; 10,000 kw. turb. (stm) G. E; 3950 hp. b. Bab & W. (Co. also lts. Longport, Margate City and Ventnor City.)

D L S 3 ★26

**ATLANTIC HIGHLANDS,** 1,645—Munic. Elec. Lt. Plant; cost $27,000; bds. auth. $15,000, 6 p. c. int.

Mayor, J. H. VanMater...... } Atlantic
Clerk, Wm. T. Franklin..... } Highlands
Treas. E. H. Cook ............ "
¶ Pur. Agt. John S. Flitcroft... "
*Supt. E. Doughty.............. "
Engr. Pwr. St. George Mardorf "

2 a. c. Stan. G. E. tot. 210 kw. 2200-104 v. 2 ph. 60 cys; day & nt. ltg. cir. 110 v; 250 hp. e. Ide; 375 hp. b. Coatesville.

78 city arcs; 50 city incs; Coal $3.20.

D L S 2 75

**AUDUBON,** 1,343—Public Service Elec. Co. See Camden.

**BAY HEAD,** 281—Lakewood & Coast Elec. Co. See Point Pleasant.

City cont. 107 incs. 32 c. p. $18 per yr. all nt. (25 are on orna. stds.)

L 16

**BAYONNE,** 64,461—Public Service Elec. Co. (Sub-Sta.) See Newark.

Energy from Marion Sta., Jersey City; 4 transf. G. E. tot. 2100 kw. 3 & 2 ph. 13,200-2400 v; 3 rot. conv. G. E. tot. 2000 kw 600 v. 6 ph. for ry; 3 G. E. c. c. transf. 7.5 amp. 30 kw. each.

City cont.—arcs all nt; for rates see Newark.

D L 2 3 6 36

**BEDMINSTER,** 100—Eastern Penn. Pwr. Co. of New Jersey. See Bernardsville.

City cont. 48 incs. $12 per yr; moonlt. all nt.

L 16

**BELLEVILLE,** 9,891—Public Service Elec. Co. See Newark.

**BELMAR,** 1,433—Atlantic Coast Elec. Lt. Co. See Asbury Park.

**BELVIDERE,** 1,764—Warren Wood Working Co.; cap. $61,200; bds. $30,000.

Pres. & Mgr. H. N. Diesel,
51st St & Springfield Ave., Phila., Pa.
V. Pres. J. Frank Hayes.........Belvidere
Sec. Dr. F. P. Lefferts .......... "
Treas. Silas Gibbs.............. "
*¶ Supt. F. E. Mercer............ "
Engr. Pwr. Sta. Chas. Kline..... "

2 a. c. G. E. tot. 210 kw. 1100 v. s. ph. 60 cys; 1 rect. G. E. 50 lt: a. c. day (Wednesday) & nt. ltg. cir. 110 v: 335 hp. e. Ide. Skinr; 80 hp. wtr. wh. Lef; 200 hp. b. Wood.

City cont. 41 lumn. arcs 4 amp. $80 per yr; 17 Mazda series 40 w. $24 per yr; all nt; coal $2.90. (Contemplates installing new boiler of 300 to 400 hp. cap.)

D L S W 1 ✠ 26E

**BERGENFIELD,** 2,924—Public Service Elec. Co. Ltg. from Hudson River Sub-Sta. See Hackensack.

**BERNARDSVILLE,** 800—Eastern Pennsylvania Pwr. Co. of N. J. See Columbia.

Dist. Supt. John MacLean..Bernardsville

2 a. c. G. E. tot. 360 kw. 2300 v. 3 ph. 60 cys; trans. volt. 33,000-11,000 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 450 hp. e. Watertn; 280 hp. b. Erie; also 30 ton ice plant (York). Energy from Jersey Corpn., Boonton.

City cont. 328 Mazdas 32 c. p. $12 & $18 per yr; moonlt. all nt; coal. $2.30. (Trans. to Chester, Mendham, Far Hills, Gladstone, Peapack and Bedminster.)

C D I L S 1 3 ✠ ★16

**BEVERLY,** 2,140—Cinnaminson Elec. Lt., Pwr. & Htg. Co. See Riverside.

**BLAIRSTOWN,** 1,718 — Blair Elec. Lt. Co. (Hydro-elec. sta. at Paulina, 1 mile east of Blairstown.)
Pres. H. Hunt........................Sussex
V. Pres. J. M. Shipman.........Belvidere
*Sec., Treas. & Mgr.
Dr. John C. Sharpe.............Blairstown
2 a. c. G. E. 1100 v. 2 ph. 60 cys; 250 hp. turb. (wtr.) Bartley, McC.
City cont. 70 incs. 32 c. p. $10 per yr. all nt.
L W 2 ★16

**BLOOMFIELD,** 15,070—Public Service Elec. Co. See Orange.

**BLOOMINGDALE,** 1,700—See Butler.
a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110 v. s. ph. 60 cys.
L 1 26

**BOGOTA,** 1,125—Public Service Elec. Co. See Hackensack.

**BOONTON,** 4,930—Boonton Elec. Co. (Leased plant of Public Service Elec. Co.); cap. $100,000; no bds.
Pres. John J. Hillery..............Boonton
*Sec., Treas., Mgr. & Cont. Agt.
W. H. Owens.................. "
Energy from Morris & Somerset Elec. Co.; 4 transf. G. E. — kw. 6600-2300 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys.
City cont. 24 arcs G. E. 550 w. and 215 type "C" incs. 40 c. p. 6.6 amp. all nt; coal. (Co. also lts. Montville, Rockaway Valley, Pawerville, Parsippany and Mountain Lake.)
D L 1 2 125

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Jersey Corpn. (Controlled by The General Gas & Elec. Co.); cap. $4,000.
Pres. W. S. Barstow, 50 Pine St.,
New York, N. Y.
V. Pres. & Mgr.
Wm. D. Ray..................Easton, Pa.
Sec. A. B. Cheadle.......New York, N. Y.
Treas. O. H. Oxford..........Easton, Pa.
Dist. Supt. E. E. Yensel.............Dover
Gen. Supt. R. L. Peterman...Easton, Pa.
Ch. Engr. L. Saxon............ "
Engr. Pwr. Sta. J. A. Coffman .Boonton
5 a. c. G. E. tot. 1874 kw. 2300 v. 3 ph. 60 cys; 500 hp. e. Fitch; 1500 kw. stm. turb. G. E; 1400 hp. b. Bab. & W.
Coal $2.75. (Trans to Dover, Bernardsville, Rockaway & Wharton.)
S T 3 ★16

**BORDENTOWN,** 4,095 — Public Service Elec. Co. See Newark.
2 transf. West. tot. 1000 kva; 2 rot. conv. West. tot. 600 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys.
City cont. 27 arcs 6.6 amp. 2000 c. p. 4000 hrs; for rates, see Newark.
D L 2 3 ✣ 36

**BOUND BROOK,** 3,970—Public Service Elec. Co. See Newark.

**BRADLEY BEACH,** 1,807—Atlantic Coast Elec. Lt. Co. See Asbury Park.

**BRANCHVILLE,** 663 — Branchville Elec. Pwr., Wtr. & Ltg. Co; cap. $30,000; bds. $15,000.
*Owner & Mgr. C. H. Crisman, Branchville
1 a. c. War. 100 kw. 2200-110 v. s. ph. 60 cys; no day cir; 160 hp. turb. Smith.
City cont. 75 incs. 40 c. p. $15 per yr. moonlt. mdnt.
L W 1 ✣ 75

**BRICK TOWNSHIP**—Lakewood & Coast Elec. Co. See Point Pleasant.
City cont. 26 incs. 32 c. p. $15 per yr. mdnt.
L 16

**BRIDGETON,** 14,209—Bridgeton Elec. Co. (Controlled by the American Rys. Co., Philadelphia, Pa.); cap. stk. $100,000.
Pres. J. J. Sullivan.... Philadelphia, Pa.
V. Prests. { H. J. Crowley. " "
C. L. S. Tingley. " "
Sec. & Treas.
Walter W. Perkins.... " "
¶ Pur. Agt. W. J. Mulholland................ " "
Gen. Mgr. B. Frank Hires.....Bridgeton
Ch. Elecn. Wm. H. Myers...... "
2 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. tot. 225 kw. 550 v; 2 rect. G. E. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; d. c. mo. cir. 500 v; 1950 hp. b. Weth Bab. & W; 320 hp. e. McI. & S; 1500 kw. turb. G. E.
City cont. 111 arcs, 320 magn. 4 amp. $80 per yr; 211 series tung. 40 w. 5.5 amp. $18 per yr; all nt; coal $3.55. (Also lts. Fairton, Cedarville, Newport, Dividing Creek and Port Norris; sells energy to Bridgeton & Millville Trac. Co.)
C D L S 3 ✣ 26

**BURLINGTON,** 9,044—Public Service Elec. Co. See Newark.
3 a. c. G. E. tot. 16,000 kw. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 9000 hp. stm. turb. Curtis G. E; 3600 hp. b. Edge; 2 transf. West. tot. 1000 kva; 2 rot. conv. West. tot. 600 kw.
City cont. 56 arcs 2000 c. p. 4 amp. and 200 Tung. 32 c. p. all nt; for rates, see Newark; coal.
D L S 1 2 ✣ 36

**BUTLER,** 2,265—Munic. Light Plant; bds. $30,000.
Mayor, Jesse Ward.....................Butler
Council { Jas. F. McLean............ "
F. B. Whittle............ "
W. M. Decker............ "
C. B. Ogden............ "
S. A. Decker............ "
H. C. Tintle............ "
*Boro. Atty. F. H. McCue.......... "
Ch. Engr. Robt. Trent.............. "
*Asst. Engr. D. H. O'Brien.......... "
2 a. c. G. E. tot. 100 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110 v. s. ph. 60 cys; 150 hp. e. (oil) Bolinder (Sweden).
173 city incs. series 60 & 250 c. p. all nt; crude oil. (Also lts. Bloomingdale.) (Contemplates establishing 24-hr. service; will make provision for 2-phase 110-220 v. motor circuit.)
G L 1 2 §26

**CALDWELL,** 2,236 — Public Service Elec. Co. See Orange.

**CAMDEN,** 102,215—Public Service Elec. Co. See Newark.
4 a. c. West, Allis-C. tot. 6000 kw. 11,000-2400 v. 2 & 3 ph. 60 cys; trans. volt. 13,200-11,000 v. 3 ph; 3 d. c. West. 2400 kw. 550 v. (ry.); 19 rect. 950 lamps; 4 rot. conv. West. tot. 3000 kw. (ry.); 2 mo.-gen. G. E. tot. 400 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; d.c. mo. cir. 500 v; 6200 hp. e. Penn, West; 8000 hp. stm. turb. Allis-C, West; 6600 hp. b. Berry, Edge; 3 transf. G. E. tot. 2500 kw; 3 rot. conv. West. tot. 2000 kw.

*ATLANTIC AVE. SUB-STA.*

3 transf. West. tot. 1500 kw. 11,000 v. 3 ph. 60 cys. to 2400 v. 2 ph; 1 rot. conv. G. E. 1000 kw.

*LAWRENCEVILLE (LAWRENCE TWP.) SUB-STA.*

4 trans. G. E. tot. 400 kw. 6600 v. 3 ph. 60 cys. to 2400 v. 2 ph.

City cont. 875 d. c. arcs magn. 4 amp. and 209 incs. 32 c. p. all nt; for rates see Newark.
D L S 2 3 36

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Interstate Railways Co. Office, 411 Market St., Camden, N. J. (Controls United Pwr. & Transportation Co., which controls Metropolitan Elec Co., Reading, Pa., Edison Elec Illg. Co., Lebanon, Pa., Wilmington City Elec. Co., Wilmington, Del., and a number of street railways); cap. $3,291,200; bds. $10,776,600.

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|---|---|
| Pres. J. A. Rigg.......<br>V.Pres. Walter A. Rigg<br>*Treas.<br>T. W. Grookett, Jr... | 411 Market St., Camden, N. J. |

Sec. & Asst. Treas.
John W. Goodwin...... "
Coun. Richmond L. Jones.. Reading, Pa.
★125

**CAPE MAY**, 2,471—The Cape May Lt. & Pwr. Co.; cap. $150,000.
Pres. Nelson Z. Graves
22 So. 3rd St., Phila., Pa.
Sec. Edw. H. Heilman.......... "
Asst. Treas. C. E. Miller.......Cape May
Mgr. B. G. Eckard............. "
¶ Pur. Agt. N. Z. Graves, Jr.,
22 So. 3rd St., Phila., Pa
*Supt. E. G. Jones.............Cape May
Engr. Pwr. Sta. R. D. Woolever "

3 a. c. West. tot. 125 kw. 2300 v. 2 ph. 60 cys; a. c. day cir. 220-110 v; 600 hp. e. Rus; 600 kw. stm. turb. West; 1700 hp. b. Keeler, Stir.

City cont. 130 arcs 1000 c. p. 35 cts. per nt; 150 incs. 16 c. p. $12 per yr. all nt; coal $3.25. (Co. sells energy to local trolley system and also lts. Cape May Point, Erma and West Cape May.)
D L S 2 ★361

**CAPE MAY, C. H.**, 800—Vulcan Elec. Lt. Ht. & Pwr. Co.
Pres. Archer Platt..............Bridgeton
Treas. R. P. Risley
915 Real Estate Trust Bldg., Phila., Pa.
¶Pur. Agt. W. E. Reynolds
915 Real Estate Trust Bldg., "
*Supt. H. H. Ross.......Cape May, C. H.
Ch. Engr. H. L. Ware... " " "

1 a. c. F. M. & Co. 115 kva. 2300 v. 3 ph. 60 cys; 1 d.c. Allis-C 250 amp. 600 v; trans. volt. 4400; a. c. nt. ltg. cir. 120 v; 325 hp. e. Ames; 310 hp. b. Heine.

City cont. 66 incs. series 40 c. p. 4 amp. $24 per yr; 116 incs. series 40 c. p. $2.50 per mo. (4 mos. during summer); all nt. (Sells energy to Stone Harbor Elec. Lt. & Pwr. Co. and Stone Harbor Terminal R. R. Co.)
C L S 3 §105

**CARLSTADT**, 3,807 — Public Service Elec. Co. See Hackensack.

**CARTERET**, 1,500 — Public Service Elec. Co. (Sub-Station.) See Newark.

Energy from Central Div. Trans. System, trans. volt. 13,200 v. 3 ph. 60 cys; 3 transf. West. tot. 1500 kva; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 440-220 v. 2 ph. 60 cys.

City cont. —— incs. all nt; for rates see Newark.
D L 2 ✠ 36

**CEDAR GROVE**, 2,409—Public Service Elec. Co. See Newark.

**CEDARVILLE**, 1,300—Bridgeton Elec. Co. See Bridgeton.

**CHATHAM**, 1,874 — Munic. Elec. Lt. Plant; cost $35,500.
Clerk, W. S. Angell.............Chatham
*Mgr. & Ch. Engr. O. Marek.... "

2 a. c. Ft. W. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 s. & 3 ph. 60 cys; 125 hp. e. H. & P; 300 hp. b. Mur; 125 kw. turb. (stm.) G. E.

220 city Mazdas 40 c.p. (165), 60 w. (12), 100 c. p. (16) and 250 c. p. (27) all nt; coal.
D L S 1 3 125

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Commonwealth Electric Co. See Summit.

**CHESTER**, 1,378—Public Service Elec. Co. See Moorestown.

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Eastern Pennsylvania Pwr. Co. of N. J. See Bernardsville.

City cont. 50 incs. $18 per yr. moonlt. all nt.
L 16

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Cinnaminson Elec. Lt., Pwr. & Htg. Co. See Riverside.

**CHROME**, 3,040—Public Service Elec. Co. See Cataret.

**CLAYTON**, 1,926 — Clayton Development Co.
Pres. Jacob S. Hett,
305 Real Estate Tr. Bldg., Phila., Pa.
Treas. Harry S. McCartney...... " "
*Bookkeeper, L. R. Leddon......Clayton

2 a. c. West. — kw. 220 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 240 hp. e. Ames; 300 hp. b. Ames.

City cont. 91 Mazdas; moonlt; coal.
D L S 1 2 ✠ 125

**CLIFFSIDE PARK**, 3,394 — Public Service Elec. Co. See Hackensack.

**CLINTON**, 836—Jersey Elec. Co. Gen. office, High Bridge. (Controlled by Taylor-Wharton Iron & Steel Co.); cap. $30,000.
Pres. Knox Taylor.... ......High Bridge
*¶V. Pres. & Mgr.
Benj. F. Robbins........... "
Sec. & Treas. W. A. Ingram "
Ch. Engr. R. I. Warne....... "

Energy from Taylor-Wharton Iron & Steel Co; 7 transf. G. E. tot. 47 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

City cont. 77 incs; moonlt.
D L 1 125

**CLOSTER**, 1,483—Rockland Elec. Co. of New Jersey. (Controlled through stock ownership by Rockland Lt. & Pwr. Co., Nyack, N. Y.); cap. outstdg. $100,000.
Pres. D. Edgar Manson,
201 Devonshire St., Boston, Mass.
V. Pres. Albert B. Tenney, " "
Sec. Horace P. Wood. .... " "
Treas. E. A. Bradley...... " "
Audr. H. A. Gidney....... " "
Mgr. E. C. Peebles...........Nyack, N. Y.
Asst. Treas. H. F. Peirce.... " "
Cont. Agt. T. F. Odell...... " "

Energy purchased from Rockland Lt. & Pwr. Co; a. c. day & nt. ltg. cir. 116 v. 60 cys; a. c. day & nt. mo. cir. 116-232 v. s. & 2 ph. 60 cys.

City cont. 809 carbon & tung. 20, 25 & 32 c. p. $15, $18, $19 & $19.50 per yr; all nt.

(Also lts. Demarest, Haworth, Saddle River, Upper Saddle River, Allendale, Mahwah, Ramsey, Wycoff, Darlington, Oakland, Cragmere, Harrington Park, Montvale, Cresskill, Norwood, Northvale, Old Tappan, Park Ridge and Alpine.)
D L 1 2 ✠ 25

**COLLINGSWOOD**, 4,795—Public Service Elec. Co. See Camden.

**COLUMBIA,** 200—Eastern Penna. Pwr. Co. of N. J. (Operates gen. stas. at Columbia, Dover and Bernardsville; receives energy from Jersey Corpn. at Boonton.) (Controlled by Penna. Utilities Co.); cap. $258,000.
Pres. W. S. Barstow, 50 Pine St., New York, N. Y.
V. Pres & Mgr.
W. D. Ray..................Easton, Pa.
Sec. A. B. Cheadle, 50 Pine St., New York, N. Y.
Treas. O. H. Oxford...........Easton, Pa.
Dist. Mgr. E. E. Yensel............Dover
¶ Pur. Agt. R. M. Kyle.......Easton, Pa.
Gen. Supt. R. L. Peterman.... "
Engr. Pwr. Sta. Albert Guy....Columbia

3 a. c. G. E. tot. 810 kw. 2300 v. 3 ph. 60 cys; trans. volt. 33,000-11,000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 1200 hp. wtr. wh. Allis-C.

(Co. distributes in Columbia, Bernardsville, Chester, Dover, Phillipsburg, Alpha, Millington, Lyons, Basking Ridge, Bedminster, Far Hills, Liberty Corner, Peapack, Gladstone and outlying districts, Wharton, Rockaway, Denville and Mendham.)
D N W 3 ★16

**CRANBURY,** 1,465 — Public Service Elec. Co. See Princeton.

**CRANFORD,** 4,967 — Public Service Elec. Co., South Ave. See Newark.

1 a. c. G. E. 1500 kw. 2400 v. 2 ph. 60 cys; 2 a. c. West. tot. 2850 kva. 13200-2200 v. 2 & 3 ph. 60 cys; 2 d. c. West. tot. 1600 kw. 600 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 440-220-110 v. s. & 2 ph. 60 cys: 2400 hp. e. Quincy; 2400 hp. b. Edge, Heine; 5750 hp. turb. (stm.) G. E. West; 4 transf. West. tot. 2000 kva.

City cont. all nt; see Newark for rates; coal. (Co. lts. Roselle, Roselle Park, Garwood, Westfield and Union, and feeds into Central Div. Trans. System.)
D L S 1 2 ✠ 36

**DEAL,** 273—New Jersey Wtr. & Lt. Co. (Owned and operated by Atlantic Coast Elec. Lt. Co. which see for executive officers.); cap. outstg. $100,000; bds. $140,000.
Ch. Engr. Raymond Hazelrigg.......Deal
Asst. Engr. B. McGarvey............ "

Energy from Atlantic Coast Elec. Lt. Co.; 1 arc A. B; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 134 arcs A. B. $72 per yr. all nt.
D L 1 3 ✠ ★16

**DOVER,** 7,468 — Eastern Pennsylvania Pwr. Co. of N. J. See Columbia.

3 a. c. G. E. tot. 520 kw. 2300 v. 3 ph. 60 cys; trans. volt. 3300 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph; 700 hp. e. Frick, Cor; — hp. e. (gas) Diesel; 600 hp. b. Erie. Energy from Jersey Corpn., Boonton.

City cont. 22 mult. arcs 450 w. $85 per yr; 326 incs. 25 c. p. $17 per yr; all nt; coal & oil.
D G L S 1 3 16

**DUMONT,** 1,783—Public Service Elec. Co. See Hackensack.

**DUNELLEN,** 1,990—Public Service Elec Co. See Lincoln.

**EAST NEWARK,** 3,163—Public Service Elec. Co. See Newark.

**EAST ORANGE,** 34,371—Public Service Elec. Co. See Orange.

**EAST RUTHERFORD,** 4,275—Public Service Elec. Co. See Hackensack.

**EATONTOWN,** 1,000—Consol. Gas Co. of N. J. See Long Branch.

**EDGEWATER,** 2,655—Public Service Elec. Co. See Hackensack.

**EGG HARBOR,** 2,181—Atlantic County Elec. Co.; cap. $14,800; no bds.
Pres. H. M. Cressman.........Egg Harbor
V. Pres. Fred. W. Bergman.. "
Sec. & Treas. Fred. Schuehardt "
*Supt. & Ch. Engr.
James Rose................. "

2 a. c. G. E. tot. 150 kw. 2300 v. 2 ph. 60 cys; 246 hp. e. Ball, N. Y. Safety, Stan; 400 hp. b. Erie.

City cont. 32 arcs and 50 incs. series; moonlt. 1 A. M; coal $3.30. (Co. also lts. Mays Landing.)
L S 2 ✠ ★16A

**ELIZABETH,** 82,036 — Public Service Elec. Co. See Newark.

Energy furnished by Central and Northern Division transm. System; transmn. volt. 13,200 v. 3 ph. 60 cys; 5 transf. West. tot. 11,000 kva; 2 rot. conv. G. E. tot. 1500 kw; 2 mo. gen. sets G. E. tot. 2000 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. s. & 2 ph. 60 cys.

City cont. all nt; for rates, see Newark.
D L 1 2 ✠ ★36

**ENGLEWOOD,** 9,924 — Public Service Elec. Co. See Hackensack.

**FAIRVIEW,** 2,441—Public Service Elec. Co. (Bergen Div.) See Newark.

**FANWOOD,** 1,616 — Public Service Elec. Co. See Plainfield.

**FLEMINGTON,** 2,693 — Flemington Elec. Lt., Ht. & Pwr. Co.; cap. auth. $50,000: pd. in $19,000, 5 p. c. div; bds. outstg. $6 000.
Pres. J. Karr.................Hackettstown
*Sec. Treas. & Mgr.
F. R. Williamson............Flemington
Engr. Pwr. Sta. T. Bloomer.. "

2 a. c. Ft. W. 180 kw. 1000 v. s. ph. 133 cys; a. c. nt. ltg. cir. 100 v; 275 hp. e. B. & W. Phoenix; 250 hp. b. A. & R.

City cont. 35 arcs metallic flame 4 amp. 1200 c.p. $75 per yr; 21 Mazdas 4 amp. $18; all nt; coal $2.70.
L S 1 125

**FORT LEE,** 4,472 — Public Service Elec. Co. See Hackensack.

**FRANKLIN,** 3,262—Public Service Elec. Co. See Princeton.

**FREEHOLD.** 3.233—Monmouth Lighting Co. See Keyport.

a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. 220-440 v. 2 & 3 ph. 60 cys.

City cont. 120 Tung. 25 w. tot. $960 per yr; 12 4-lt. clusters $75 each per yr; all nt.
D L 2 3 ✠ ★125

**FRENCHTOWN,** 2,984—Munic. Elec. Lt. Plant.
*¶Boro Clerk, P. S. Bloom...Frenchtown
Engr. Pwr. Sta.
Robert C. Welsh........... "

1 a. c. Allis-C. 54.5 kva. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Lycoming; 100 hp. b. Erie City.

20 city arcs; coal $3.10.
L S 1 ★16

**GARFIELD,** 10,213 — Public Service Elec. Co. See Hackensack.

**GARWOOD,** 1,118—Public Service Elec. Co. See Plainfield.

**GLASSBORO**, 3,000—Elec. Co. of New Jersey. See Salem.

**GLEN RIDGE**, 3,260—Public Service Elec. Co. See Orange.

**GLOUCESTER**, 10,554—Public Service Elec. Co. See Newark.

Energy from Camden Station, 11,000 v. 3 ph. 60 cys; 3 transf. G. E., West. tot. 2500 kva; 3 d. c. (ry.) West. 675 kw. 550 v; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 750 hp. e. West; 750 hp. b. Bab. & W.

City cont. 130 arcs a. c. series 6.6 amp. and 43 Tung. 32 c. p, all nt; for rates see Newark.

C D L S 1 2 3 36

**GUTTENBURG**, 5,647—Public Service Elec. Co. See Hoboken.

**HACKENSACK**, 15.856—Public Service Elec. Co. See Newark.

Pwr. plant equip. (reserve): 2 a.c. Stan. tot. 1175 kw. 2500 v. 2 ph. 60 cys; 1,953 hp. e. McI. & S; 1884 hp. b. Stir, Hogan.

Energy from Marion Sta., Jersey City; 13,200 v. 3 ph. 60 cys; 4-500 kw. G. E. transf. 13,200 v. 3 ph. to 2400 v. 2 ph; 2-330 kw. G. E. transf. 13,200 v. to 370 v. operating 2-300 kw. 3 ph. rot. conv; 1-1000 kw. Allis-C. synchronous gen. set. 31,200 v. mo. driving 600 v. gen; 138 kw. G. E. c. c. transf. 6.6 amp. 2400 v. for arc & inc. st. ltg; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2200 v. s., 2 & 3 ph. 60 cys.

*ARCOLA SUB-STA.*

2 rot. conv. G, E. tot. 600 kw. 600 v. (ry.)

*EDGEWATER SUB-STA.*

2 rot. conv. G. E. tot 1050 kw. 600 v. (ry.)

*EDGEWATER GEN. STA.*

1 a. c. turbo.-gen. G. E. 800 kw. 13 200 v. 3 ph. 25 cys; 3 d. c. G. E. West. tot. 1300 kw. 550 & 600 v; 1700 hp. e. E. P. Allis, H. O. & R; 1000 hp. turb. (stm.) G. E; 2400 hp. b. Heine.

*ENGLEWOOOD SUB-STA.*

4-200 kw. G. E. transf. 13,200-2400 v. s. ph. connected to 2 ph. 60 cys; 220 kw. G. E. c. c. transf. 7.5 amp. 2400 v; a. c. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s., 2 & 3 ph. 60 cys.

*FORT LEE SUB-STA.*

3-500 kw. & 1-1.000 kw. West. transf. 13,200 v. 3 ph to 2400 v. 2 ph; 89 kw. G. E. c. c. transf. 6.6 amp. 2400 v. for arc & inc. st. ltg; a. c. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s., 2 & 3 ph. 60 cys.

*FORT LEE PORTABLE SUB-STA.*

3 transf. G. E. tot. 330 kw; 1 rot. conv. G. E. 300 kw. 600 v.

*RIDGEWOOD SUB-STA.*

4-300 kw. West. transf. 13,200-2400 v. s. ph. connected to 2 ph. 60 cys; 3-110 kw. G. E. transf. 13 200 v. to 430 v. 3 ph. to 6 ph. operating 300 kw. G. E. rot. conv; 2-165 kw. West. transf. 2300 v. to 430 v. operating 1 rot. conv. West 300 kw. 2 ph; 70 kw. G. E c. c. transf. 3.5 amp. 2400 v; a. c. ltg. cir. 110 v; a. c. mo. cir. 220-2400 v. s. 2 & 3 ph. 60 cys.

*EAST RUTHERFORD SUB-STA.*

3-1000 kw. West transf. 13,200 v. 3 ph. to 2,400 v. 2 ph; 3-260 kw. G. E transf. 13,200 v. to 430 v. 3 ph. to 6 ph. 750 kw. G. E. rotary; 205 kw. G. E. c. c. transf. 6.6 amp. 2400 v; a. c. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s. 2 & 3 ph. 60 cys.

*WESTWOOD SUB-STA.*

2-100 kw. G. E. transf. 6600-2300 v. s. ph; 2 G. E. c. c. transf. 64 kw. 6.6 amp; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s. ph. 60 cys.

City cont. arcs & incs. all nt; for rates, see Newark.

C D L S 1 2 3 ★36

**HACKETTSTOWN**, 2,876—Hackettstown Elec. Lt. Co. Gen. office, 120 Main St.; cap. $18,000; bds. $10,800.

Pres. W. J. Barker..........Hackettstown
V. Pres. & Sec. J. D. Flock "
Treas. James M. Everitt... "
*Mgr. Chas. P. Hankinson.. "
Engr. Pwr. Sta.
Frank Hankinson........ "

2 a. c. Stan. tot. 240 kw. 2200 v. 2 ph. 133 cys; a. c. day & nt. ltg. cir. 106 v. 133 cys; a. c. day & nt. mo. cir. 104 v. s. ph. 133 cys; 375 hp. e. H. & P; 300 hp. b. H. & P, Keeler.

City cont. 56 type "C" incs. 80 c. p. $7 per yr; 154 type "C" incs. 40 c. p. $15 per per yr; all nt; coal $2.80. (Co. also lts. Great Meadows and Vienna.)

D L S 1 2 ✠ 25

**HADDONFIELD**, 4,142—Public Service Elec. Co. See Newark.

**HADDON HEIGHTS**, 2,297—Public Service Elec. Co. (Sub-Sta.) See Newark.

Energy from Camden Sta. 11,000 v. 3 ph. 60 cys: 3 transf. West, G. E. tot. 1000 kva; 3 rot. (ry.) G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys: a. c. mo. cir. 220 v. s. ph. 60 cys.

City cont. 35 arcs a. c. series 5.5 amp. and 330 tung. 25 c. p. (299) & 40 c. p. (31) all nt; for rates, see Newark.

D L 1 3 36

**HAMMONTON**, 5,088 — Hammonton Elec. Lt. Co. Office, 225 Bellevue Ave. (Owned and operated by Hammonton and Egg Harbor City Gas Co.); cap. outstg. $70.000; bds. $70,000.

Pres. Savery Bradley.........Hammonton
V. Pres. Jos. Thompson ...... "
Sec. & Treas. John P. Tompkins "
*¶ Supt. Herbert C. Doughty.. "
Engr. Pwr. Sta. Chas A. Peart "

3 a. c. West. tot. 360 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 110-220 v; 590 hp. e. Ames, Ball; 300 hp. b. Atlas, Lebanon.

City cont. 10 arcs flam. 3000 c. p. $95 per yr. (all nt.); 7 arcs series 1200 c. p. $50 per yr. (mdnt.); 397 Mazdas series 32 c. p. $10 per yr. (mdnt): coal. (Installing 1-275 kva. West gen. and 1-300 hp. Ames engine-direct connected set.)

D L S 2 ★16

**HARRISON**, 14,498 — Public Service Elec. Co. See Newark.

**HASBROUCK HEIGHTS**, 2,155 — Public Service Elec. Co. See Hackensack.

**HAWTHORNE**, 3,400—Public Service Elec. Co. See Paterson.

**HIGH BRIDGE**, 1.545 — Hunterdon Elec. & Pwr. Co. Cap. $8,000.

Pres Knox Taylor............High Bridge
*¶ V. Pres. & Mgr. B. F. Robbins "
Sec. & Treas. W. A. Ingram "
Gen. Supt. R. I. Warne "

Energy purchased from Taylor-Wharton Iron & Steel Co.; 15 transf. West. G. E. tot. 97 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 6 arcs G. E. 6.6 amp. $65 per yr; 72 Tung. 32 c. p. $12 per yr; moonlt.

D L 1 3 ✠ ★125

**HIGHLANDS**, 1,386 — Monmouth Lighting Co. See Keyport.

**HIGHTSTOWN**, 1,879—The Elec. Lt. & Pwr. Co. Phila. Office, 1531 Real Estate Trust Co's. Bldg.; cap. $16,250; bds. $10,000.

Pres. Otto Reissman........Reading, Pa.
*V. Pres. & Supt. Thos. J. Duncan
Hightstown

¶Sec. Treas. Mgr. & Cont. Agt.
Francis J. Thron......Philadelphia, Pa.
Asst. Supt. J. H. Wetherell..Hightstown

1 a. c. Ft W. 140 kw. 2300 v. s. ph. 60 cys; no day cir; 125 hp. e. Rollins; 125 hp. b. Heine.

City cont. 81 Tung. 250, 105, 60 & 40 w. $60. $33.33, $24 & $21 per yr; all nt; coal. (Will purchase energy from Public Service Elec. Co., Trenton, and establish 24-hr. service.)

L S 1 ★26E

**HILLSBOROUGH TWNP.** — Public Service Elec. Co. (Central Div.) See Newark.

**HILLSDALE,** 1,050 — Public Service Elec. Co. See Hackensack.

**HOBOKEN,** 67,611 — Public Service Elec. Co. See Newark.

3 a. c. S. K. C. tot. 2250 kw. 2600-115 v. 2 ph. 60 cys; 3 d. c. G. E. 2550 kw. 550 v; 7700 hp. e. Penn. Iron Wks, Internatl, Harrison; 4160 hp. b. Bab. & W.

*SUB-STA:* 6 West. transf. tot. 6000 kw. 2 & 3 ph. 13,200-2400 v; a. c. day & nt. ltg. cir. 113 v; a. c. mo. cir. 2 ph; 3 rot. conv. G. E. tot. 3500 kw. 600 v. 6 ph. for ry: 1 G. E. rot. conv. 1000 kw. 600 v. 6 ph; 11 arc mch. Brush 9.6 amp. 125 lts. each.

City cont. — arcs, all nt; for rates, see Newark.

C D L S 2 3 6 36

**HOHOKUS,** 2,292—Public Service Elec. Co. See Newark.

**HOLLY BEACH,** 1,901—West Jersey Elec. Co. See Wildwood.

**HOPEWELL,** 1,073 — Public Service Elec. Co. See Princeton.

**IRVINGTON,** 11,877—Public Service Elec. Co. See Newark.

**JAMESBURG,** 2,075 — *Jamesburg Elec. Co.; cap. $4,000; bds. $6 500.
Pres. Merritt W. Pharo.......Haddonfield
V. Pres. Sec. & Treas.
Louis R. Rafetto.............Phila., Pa.
Engr. Pwr. Sta.
Joseph W. Pharo..........Haddonfield

2 a. c. —— 2200 v; no day cir; 50 hp. e. gas) De La; 40 hp. b. Alcott, Risdon.

City cont. 100 Tung. series 32 c. p. $16 per yr; oil.

G L X ✢ 25

**JERSEY CITY,** 270,903 — Public Serice Elec. Co. See Newark.
Day & nt. service.

*MARION STATION*

8 turbo-gen. Curtis, West. tot. 76,000 kw. 13,200 v. 3 ph. 25 & 60 cys; 2 transf. G. E. tot. 2000 kw. 13,200-2500 v. 2 & 3 ph. 60 cys; 30,000 hp. b. Bab. & W.

*GARFIELD AVE. SUB-STA.*

5 G. E. transf. tot. 3000 kw. 13 200-2400 v. 2 & 3 ph. 60 cys; 5 G. E. rot. 600 v. 2 ph. 25 cys. (for pwr.); 3 G. E. rotaries tot. 4500 kw. 600 v. 6 ph. for ry; 2 G. E. rotaries 600 kw. 600 v. 3 ph. for pwr: 12 rect. West. 4 amp. tot. 360 kw.

*MORGAN ST. SUB-STA.*

3 transf. G. E. tot. 2500 kw. 13,200-2400 v. 2 & 3 ph. 60 cys; 2 G. E. rot. 2000 kw. 600 v. 6 ph; 1 West. rot. 500 kw. 600 v. 6 ph; 7 West. mercury arc rectifier sets 4 amp. 30 kw. ea; 2 rect. G.E. 6.6 amp. tot. 60 kw.

*PALISADE AVE. SUB-STA.*

4 transf. Westg. tot. 2500 kw. 13,200-240 v. 2 & 3 ph; 5 G. E. rotaries tot. 6500 kw. 600 v. 6 ph. for ry; 1 G. E. rot. 1000 kw. 600 v. 6 ph. for pwr; 8 rect. West. 4 amp. tot. 240 kw. & 1 rect. West. 4 amp. 10 kw.

*WEST NEW YORK SUB-STA.*

4 rot. (ry.) G. E. tot. 5000 kw. 3 ph. 25 cys; 1 rot. (pwr.) Westg. 500 kw. 3 ph. 25 cys; 2 transf. Westg. tot. 1000 kw. 13,200-2200 v. 2 & 3 ph. 60 cys; 4 c. c. transf. G. E. tot. 272 kw.

*SECAUCUS STATION (RESERVE)*

3 a. c. G. E. tot. 2475 kw. 13,200 v. 3 ph; 1 d. c. West. 350 kw. 550 v. for ry; 5000 hp. e. Cor, Watts, Bass; 3230 hp. b. Bab. & W.

*SECAUCUS SUB-STA.*

2 G. E. rotaries (ry.) 600 w. 600 v. 3 ph.

*SEVENTH ST. SUB-STA.*

3 a. c. West. tot. 1500 kw. 13,200-2400 v. 2 & 3 ph. for ltg. & 2 ph. pwr; 3 G. E. rotaries tot. 3500 kw. 600 v. 6 ph. for ry; 1 West. rotary 500 kw. 600 v. 6 ph. for pwr.

City cont. — arcs; all nt; for rates, see Newark.

C D L S 2 3 6 ★36

**KEARNY,** 22,150 — Public Service Elec. Co. See Newark.

**KEYPORT,** 3,554—Monmouth Lighting Co. (Leases Jersey Central Trac. Co.'s power plant and lines of Middlesex & Monmouth Elec. Lt., Ht. & Pwr. Co.)
Pres. W. W. Laird
Du Pont Bldg., Wilmington, Del.
Sec. F. S. Whitten " " "
¶Asst. Sec. & Treas.
F. A. Cater......................Keyport
*Supt. Julius Theobald........... "
Ch. Engr. Wm. Siebenheller..... "

3 a. c. turbo-gen. West. tot. 2400 kw. 6600 v. 3 ph. 60 cys; 1 d. c. C. W. 400 kw. 600 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys; 400 kw. e. Harrisburg; 1760 hp. b. Sterling, Erie City.

City cont. 52 West. arcs enc. 2000 c. p. $82 per yr; 625 tung. 100-40 c. p. $25 per yr; all nt; coal 75 cts. at mine. (Co. also lts. Keansburg, Freehold. Englishtown, Farmingdale, Marlboro, Belford, Middletown, Highlands, Matawan, South Amboy, Hazlet, Holmdel, Freneau and Bradevelt; sells energy to Jersey Central Trac. Co.)

C D L S 2 3 ✢ ★125

**LAKEWOOD,** 5,149 — Lakewood & Coast Elec. Co. Offices, Lakewood and Point Pleasant. (Purchased electrical properties of Lakewood Wtr., Lt. & Pwr. Co.)
Pres. C. P. Bassett...............Summit
Sec. & Treas. Frank C. Kimball.. "
*Mgr. S. W. Borden.............. "
¶Supts. { Theo. H. Rice........Lakewood
{ A. S. Phelps ....Point Pleasant
Engr. Pwr. Sta.
G. F. McClelland..............Lakewood

5 a.c. G. E. tot. 1585 kva. 2200 v. 2 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-230 v. s. & 2 ph. 60 cys; 725 kw. turb. (stm.) G. E; 950 hp. b. McI. & S. H. & P; 900 hp. b. Bab. & W.

City cont. 200 incs series 350 c. p. (24), 200 c. p. (12), 80 c. p. (4) and 32 c. p. (160) $77.50, $60, $25.50 and $16.50 per yr; all nt: coal $3.03. (Co. lts. Lakewood, Point Pleasant, Bay Head, Mantoloking, Manasquan, Brielle. Sea Girt Villa Park, Spring Lake, Brick Township and Wall Township.)

D L S 1 2 3 ✢ ★16

**LAMBERTVILLE,** 4,657 — Lambertville Public Service Co. Office, 9 Union St. (Successor to Lambertville Ht. Lt. & Pwr. Co.) (Owns all stock of New Hope (Pa.) Elec. Co.): cap. auth. $5,000; bds. $80,000. (Under management of Wheelock-Ivers Co., 158 Summer St., Boston Mass.)
Pres. Harry B. Ivers........Boston, Mass.
V. Pres. William Foster.......Phila., Pa.

*¶Sec., Treas. & Mgr.
W. E. McClintock........Lambertville
Ch. Engr. P. H. Skillman... "

3 a. c. Bull. tot. 200 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v; 330 hp. e. Ball, Erie; 300 hp. b. York.

City cont. 7 arcs G. E. flam. $125 yer yr; 59 arcs Helios 450 w. $60 per yr; 31 Tung. 100 w. $30 per yr; all nt; coal $3. (Serves New Hope, Pa.) (Plant will be remodeled.)

D L S 2 ✠ ★116

**LEONIA,** 1,486—Public Service Elec. Co. See Hackensack.

**LINCOLN,** 200—Public Service Elec. Co. (Sub-Sta.) See Newark.

Energy from Central Division Trans. System trans. volt. 13,200 v. 3 ph. 60 cys; 3 transf. West. tot. 1500 kva; 3 rot. conv. West. G. E. tot. 800 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 202-440 v. s. & 2 ph. 60 cys.

City cont. — incs. all nt; see Newark for rates.

D L 1 2 ✠ 36

**LITTLE FALLS,** 3,079—Public Service Elec. Co. See Paterson.

**LITTLE FERRY,** 2,541—Public Service Elec. Co. See Hackensack.

**LODI,** 4,138—Public Service Elec. Co. Ltg. from Ridgewood Sub-Sta. See Hackensack.

**LONG BRANCH,** 13,298—Consolidated Gas Co. of N. J. (Controlled by American Lt. & Trac. Co., 40 Wall St., New York City); cap. auth. & pd. in $1,000,000; bds. outstg. $1,700,000.
Pres. A. P. Lathrop.....New York, N. Y.
¶V. Pres. & Gen. Mgr.
Fred. R. Cutcheon.........Long Branch
Sec. H. M. McKaig.......... "
Treas. C. Henry Irwin...... "
Cont. Agt. H. W. Danser.... "
*Gen. Supt. L. E Dequine.. "

8 a. c. G. E, West. tot. 2950 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 500 v; 4 transf. tot. 400 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 500 v; 1200 hp. e. Fitch; 1500 kw. stm. turb. West; 750 hp. e. (gas) West; 1900 hp. b. Stir.

City cont. 370 Mazdas "C" 60 c. p. (300), 100 c. p. (40) & 250 c. p. (30) $24, $30 & $79 per yr; all nt; coal $3.50. (Co. also lts. Seabright, Monmouth Beach, West Long Branch, Eatontown, Oceanport and Oakhurst.)

C D G L S 3 ✠ ★125

**MADISON,** 4,658—Munic. Elec. Lt. Plant; cost $83,000; bds. $20,000.
Mgrs. Borough Council.........Madison
*Engr. Pwr. Sta. H. S. Torrey.... "

3 a. c. West. tot. 500 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 715 hp. e. B. & W; 750 hp. b. Union, Erie.

500 city incs. series 40 w. 5.5 amp; moonlt; all nt; coal $3.75.

D L S 3 125

**MANASQUAN,** 1,582 — Lakewood & Coast Elec. Co. See Point Pleasant.

City cont. 135 incs. 200 c. p. (10), 60 c. p. (22) and 32 c. p. (103), $37.50, $24 & $18 per yr. all nt.

L 16

**MATAWAN,** 1,646—Monmouth Lighting Co. See Keyport.

**MAYS LANDING,** 1,600 — Atlantic County Elec. Co. See Egg Harbor.

**MENDHAM,** 1,129—Eastern Penn. Pwr. Co. of N. J. See Bernardsville.

City cont. 49 incs. $18 per yr. moonlt. all nt.

L 16

**MERCHANTVILLE,** 2,242 — Public Service Elec. Co. See Newark.

Energy from Camden; 2 transf. G. E. tot. 120 kva; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v. s. ph. 60 cys.

City cont. — incs; all nt; for rates see Newark.

D L 1 36

**METUCHEN,** 2,692 — Public Service Elec. Co. For executive officers see Newark.
Ch. Engr. D. J. Ferry...........Metuchen

4 a. c. Stan. G. E. tot. 3000 kw. 6600 & 13,200 v. 3 ph. 60 cys; 8 transf. Stan. tot. 400 kva; 2 rot. conv. G. E. tot. 600 kw; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. 2 ph. 60 cys; 1700 hp. e. Penna; 3200 hp. turb. (stm.) G. E.; 3600 hp. b. Climax.

City cont. all nt; for rates see Newark. (Also lts. Menlo Park and Oak Tree, and feeds into Central Div. Trans. System.)

D L S 2 3 ✠ 36

**MIDLAND PARK,** 2,001—Public Service Elec. Co. See Hackensack.

**MILLBURN,** 3,182—Millburn Elec. Co; cap. outstg. $207,200; no bds.
*¶Pres. & Mgr. W. R. Whittingham, Millburn
V. Pres. W. W. Senwick.......Short Hills
Sec. W. W. McCollum...........Millburn
Treas. Chas. W. Cox..........Short Hills

3 a. c. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 615 hp. e. (belt.) H. B. & M., Erie, Ball, Ames; 900 hp. b. Ames. Dover.

City cont. 646 incs. 5.5 amp. $15 per yr; all nt; coal $2.80. (Co. also lts. Springfield and Short Hills.)

D L S 1 3 ✠ ★16

**MILLTOWN,** 1,902 — Public Service Elec. Co. See Newark.

1 a. c. West. 300 kw. 360 v. 3 ph. 25 cys; 4 d. c. Bull. West. 980 kw. 250 & 550 v; day & nt. service; 660 hp. b. Lyons Currier; 2000 hp. e. Cpr. Brown-Cor; 1 rot. conv. West. 250 kw; d. c. (ry.) 600 v.

City cont. all nt; for rates see Newark.

C D L S 3 ✠ 36

**MILLVILLE,** 12,451—Millville Elec. Lt. Co. Office, 233 N. High St.
Pres. E. B. Goodwin..............Millville
Sec. Walter Owen................ "
Treas. Walter Wood...........Phila., Pa.
*¶Mgr. & Cont. Agt.
S. J. Franklin................Millville
Supt. W. C. Buell................ "
Engr. Pwr. Sta. A. Gross......... "

3 a. c. G. E. tot. 300 kw. 1100 v. s. ph. 60 cys; 3 d. c. arc G. E. tot. 290 lt; a. c. day & nt. ltg. & mo. cir. 106 v; 180 hp. e. (gas) Otto, F. M. & Co.; 150 hp. turb. (wtr.) Wood.

City cont. 169 series arcs 5 amp. $69 per yr; all nt.

D G L W 1 ★26

**MONTCLAIR,** 21,550—Public Service Elec. Co. See Newark.

**MOORESTOWN,** 6,061—Public Service Elec. Co. (Sub-Sta.) See Newark.

Energy from Camden; 2 transf. G. E. tot. 200 kva; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 110-220 v. s. ph. 60 cys.

City cont. 6 arcs a. c. series 1200 c. p. and 246 tung. 25 c. p. all nt; for rates see Newark.

D L 1 36

**MORRIS PLAINS,** 2,181—Morris & Somerset Elec. Co. See Morristown.

**MORRISTOWN,** 12,507 — Morris & Somerset Elec. Co. 38 Washington St. (Leased Public Service Elec. Co.'s Plant for 900 yrs.); cap. $116,500; bds. $350,000.
Pres. Samuel H. Gillispie......Morristown
V. Pres. F. Landon Humphreys "
Sec. W. C. Pike, Jr............ "
*Treas. & Mgr. J. H. Drake... "
Engr. H. E. Mole,
55 Liberty St., New York, N. Y.
Supt. M. A. Boylan............Morristown
Engr. Pwr. Sta. F. Vanderbilt. "

5 a.c. Ft. W, Allis-C. tot. 3150 kw. 2300 v. 3 ph. 60 cys; 1 arc Ft. W. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 700 hp. e. Erie, Ball; 1670 hp. b. Bab. & W; 2750 kw. stm. turb. Allis-C.

City cont. 66 arcs magn. 4 amp. $90 per yr; 1000 series Madzas 40 & 50 w. $18 & $20 per yr; all nt; coal $2.80. (Co. also lts. Convent Station, Morris Plains, Whippany, Troy Hills, Hanover, Florham Park, Mt. Tabor, Littleton and Normandy Park and Morris, Hanover and Passaic Townships; sells energy to Morris County Trac. Co.: trans. line to Boonton.)

D L S 1 3 ✣ 16

**MT. HOLLY,** 5,657 — Public Service Elec. Co. See Newark.

Energy from Burlington 13,200 v. 3 ph. 60 cys; 4 transf. G. E. tot. 400 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys.

City cont. arcs & incs. all nt; for rates see Newark.

D L 1 2 3 36

**MULLICA HILL,** 600 — Harrison Heights Improvement Co. (Operates Harrison Lt. & Pwr. Co.); cap. $30,000; bds. $20,000.
¶ Pres. E. S. Ireland.........Mullica Hill
V. Pres. Chas. W. Elkinton.. "
*Sec. & Engr. Pwr. Sta.
Clinton Iredell............... "
Treas. H. L. Haines.......... "

1 d. c. Diehl 30 kw. 250 v; d. c. nt. ltg. cir. 220 v; 30 hp. e. (gas) Nash; 50 hp. turb. Hercules.

City cont. 89 tung. 25 w. $10 per yr; moonlt; all nt; gasoline 12 cts.

C G L W 125

**NETCONG,** 1,532—Willsbrook Elec. Lt. Co. Office, Netcong. Pwr. sta. in Mount Olive Twp; cap. outstg. $3,500; bds $50,000.
Pres. H. H. Nelden..............Stanhope
V. Pres. John A. Statts........Plainfield
*Sec., Treas. & Supt.
S. H. Chamberlain..............Netcong
Engr. Joseph McManus......... "

2 a. c. G. E. tot. 210 kw. 2200 v. s. ph. 60 cys: a. c. nt. ltg. cir; 75 hp. e. (gas) Nash; 100 hp. gas producer Smith; 150 hp. wtr. wh.

City cont. 139 tung. series 40 c. p. $15 per yr. moonlt. (Co. also lts. Stanhope, Port Morris and station of D. L. & W. R. R. at Hopatcong.)

G L W 1 ✣ 125

**NEWARK,** 366,721 — Public Service Elec. Co. Office, 759 Broad St. (Operates 22 generating stations, tot. cap. approx. 220,000 kw., and 61 sub-stations.) (Controlled by Public Service Corpn. of N. J.) Cap. outstg. $22,000,000.
Pres. Thos. N. McCarter .........Newark
V. Prests. Geo. J. Roberts.......... "
V. Prests. John J. Burleigh......... "
V. Prests. Treas. Percy S. Young... "
V. Prests. Gen. Mgr. Dudley Farrand "
Sec. Edwin W. Hine.............. "
Gen. Audr. Edgar J. Allegaert..... "
Asst. Treas. W. S. Barker......... "
Gen. Agt. Percy Ingalls............ "
¶ Pur. Agt. J. A. Pearson.....Phila., Pa.
Asst. Gen. Mgr. Farley Osgood...Newark
Ch. Engr. N. A. Carle............ "
Gen. Supt. F. W. Casler........... "
Supt. Newark Stas. David McGregor "
Gen. Supt. Distrbn. W. K. Vanderpoel "

Operates in six divisions as follows:

*BERGEN DIV.*
Div. Supt. W. B. Hartshorne
Div. Com. Agt. E. C. Roberts

*CENTRAL DIV.*
Div. Supt. J. T. Barron
Div. Com. Agt. H. P. Chandler

*ESSEX DIV.*
Supts. Distrbn. (Newark Dist.) R. O. Bentley
Supts. Distrbn. (Orange-Montclair Dist.) R. Burkhalter
Div. Com. Agt. H. H. Wells
Supt. W. G. Warfield

*HUDSON DIV.*
Div. Supt. W. A. La Due
Asst. Div. Supt. C. H. Lewis
Div. Com. Mgr. F. W. Schmidt

*PASSAIC DIV.*
Div. Supt. W. M. Brock
Asst. Div. Supt. G. S. Curtis
Div. Com. Mgr. W. H. Rogers

*SOUTHERN DIV.*
Div. Supt. Paul Lupke
Asst. Div. Supt. J. H. Sturge
Div. Com. Mgr. S. T. Corlies

*DISTRIBUTION*
a. c. s. & 2 ph. 60 cys. 2400-118 v; d. c. mo. cir. 500 v; day & nt. service.

*CITY DOCK STA.*
1 d. c. pwr. West. 500 kw. 550 v; 7 a. c. inc. West. 5950 kw; 2300 v. 2 ph. 60 cys; 9550 hp. e. Penn, W C. McI. & S; 1 turbogen. G. E. 3000 kw. 2400 v. 2 ph. 60 cys; 7900 hp. b. Morrin; 2-3000 kw. G. E. 25-60 cys. frequency changers: 4 rot. G. E. tot. 6000 kw. 25 cys. 6 ph. for 550 v. ry. service: 12 G. E. transf. 13,200-430 v. s. ph. 25 cys. (air blast) tot. 6660 kva: 2 West. transf. tot. 6000 kva. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast); 1 West. transf. 3000 kva. 13,200-2400 v. 3 & 2 ph. 60 cys. (air-blast); 17 G. E. c. c. transf. each 71 kw; 1140 a. c. arcs.

*COAL ST. STA.*
4 d. c. West, tot. 2775 kw. 550 v; 2 d. c. G. E. tot. 3100 kw. 550 v; 5 a. c. G. E. 9000 kw. 13,200 v. 3 ph. 25 cys; 6 c. c. e. W. C, Allis-C; 5 vert. c. c.e. Brown-Cor; 6750 hp. b. Bab. & W; 1 rot. G. E. 1000 kw. 6 ph. 25 cys. for 550 v. ry; 3 G.E. transf. 13,200-430 v. s. ph. 25 cys. (air blast) tot. 1125 kva.

*ESSEX STATION*
2 a. c. G. E. tot. 50,000 kva. 13,200 v. 3 ph. 60 cys; 40,000 kw. turb. (stm.) G. E; 5492 hp. b. Bab. & W.

The following sub-stas. are supplied from City Dock Sta. 2400 v. 60 cys.

*MECHANIC STREET SUB-STA.*
4 d. c. pwr. rotaries West. 1200 kw. 550 v. 2 ph. 60 cys; 300 kw. hr. bat. E.S.B.

*EAST NEWARK ARC SUB-STA.*
3 constant current transformers G. E. tot. 210 kva. 267 a. c. arcs; 3 G.E. reactive coils tot. 52 kva; 597 a. c. incs.

*BERGEN ST. No. 1 ARC SUB-STA.*
4 c. c. G. E. transf. tot. 280 kva. 300 a. c. arcs, 12 a. c. incs. & 58 type "C" lamps.

*BERGEN ST. No. 2 ARC SUB-STA.*
3 c. c. G. E. transf. tot. 210 kva. 228 a. c. arcs & 27 type "C" lamps.

*BLOOMFIELD AVE. ARC SUB-STA.*
3 G. E. c. c. transf. tot. 210 kva. 275 a. c. arcs, 72 a. c. incs. & 29 type "C" lamps.

*POLK ST. ARC SUB-STA.*
4 c. c. G. E. transf. tot. 280 kva. 219 a. c. arcs & 80 type "C" lamps.

The following sub-stas. are supplied from Marion or Essex Stas. by 13,200 v. 3 ph. 25 & 60 cys.

*AVE. R. SUB-STA.*
3 G. E. transf. tot. 2000 kva. 13,200 v. 3 ph. to 2400 v. 2 ph. 60 cys.

*CENTRAL AVE. SUB-STA.*
4 rot. G. E. tot. 5000 kw. 25 cys. 430 v. 6 ph. to 550 v. ry; 12 G. E. transf. 13,200-430 v. s. ph. 25 cys. (air blast) tot. 5580 kva; 3 G. E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 3000 kva; 2 G. E. c. c. transf. tot. 140 kva. 139 a. c. arcs, 15 a. c. incs. & 48 type "C" lamps.

*IRVINGTON SUB-STA.*
2 mo. gen. Allis-C. tot. 3000 kw. 13,200 v. 3 ph. 60 cys. to 600 v. ry; 4 G. E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 2500 kva; 3 G. E. c. c. transf. tot. 213 kva. 229 a. c. arcs and 49 type "C" lamps; 4 G. E. react. coils & 1 G. E. c. c. transf. tot. 88 kva. 1374 a. c. incs.

*WASHINGTON AVE., NEWARK, SUB-STA.*
4 rot. G. E. tot. 3500 kw. 25 cys. 430 v. 6 ph. to 550 v. ry; 12 G. E. transf. 13,200-430 v. s. ph. 25 cys. (air blast) tot. 2250 kva; 3 transf. West. 13,200-2400 v. 2 & 3 ph. 60 cys. (air blast) tot. 1500 kva; 2 c. c. G. E. transf. tot. 140 kva. 185 a. c. arcs and 11 type "C" lamps; 3 G. E. react. coils tot. 30 kva. 638 a. c. incs.

*LYNDHURST ARC-SUB-STA.* (Supplied 2400 v. from Washington Ave. Sub.-sta.).
1 G. E. react. coil & 1 c. c. transf. G. E. tot. 33 kva; 1 a. c. arc & 391 a. c. incs.

*PLANKROAD SUB-STA.*
3 G. E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 3000 kva: 1 c. c. transf. G. E. 70 kva. 1 a. c. arc & 17 a. c. incs.

*WAVERLY SUB-STA.*
4 G. E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 6000 kva; 2 c. c. G. E. transf. tot. 140 kva. 180 a. c. arcs & 46 a. c. incs.

*HARRISON SUB-STA.*
2 G. E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 6000 kva; 2 c. c. G. E. transf. tot. 140 kva; 56 a. c. arcs, 2 a. c. incs. & 89 type "C" lamps.

*MONTCLAIR SUB-STA.*
3 rot. G. E, tot. 2500 kw. 6 ph. 25 cys. for 550 v. ry; 7 G. E. transf. 13,200-430 v. s. ph. 25 cys. (air blast) tot. 2600 kva; 4 G.E. transf. 13,200-2400 v. 3 & 2 ph. 60 cys. (air blast) tot. 2000 kva; 1 West. 50 lt. c. c. rect. transf. 38 kw. 36 lts; 4 G. E. c. c transf. tot. 70 kw. 631 a. c. incs.

The following municipalities are served with electricity:

ESSEX DIVISION—
Belleville, Bloomfield, Caldwell Boro., Cedar Grove, East Newark, East Orange, Essex Fells, Glen Ridge, Harrison, Irvington, Kearny, Livingston, Montclair, Newark, North Arlington, North Caldwell, Orange, Roseland, South Orange Twp., South Orange Village, Verona, West Caldwell, West Orange.

HUDSON DIVISION—
Bayonne, Guttenberg, Hoboken, Jersey City, North Bergen, Secaucus, Town of Union, Weehawken, West Hoboken, West New York.

PASSAIC DIVISION—
Acquackanonk, Garfield, Haledon, Hawthorne, Little Falls, Lodi Borough, Nutley, Passaic, Paterson, Pequannock, Prospect Park, Saddle River Township, Totowa, Wayne Twp, West Paterson.

BERGEN DIVISION—
Bergenfields, Bogota, Carlstadt, Cliffside Park, Delford, Dumont, East Rutherford, Edgewater, Emerson, Englewood, Fairview, Fort Lee, Frankiin Twp. (Bergen Co.), Glen Rock, Hackensack, Hasbrouck Heights, Haworth, Hillsdale, Hohokus Boro., Leonia, Little Ferry, Lodi Twp., Maywood, Midland Twp., Midland Park, Moonachie, Old Tappan, Orvil, Overpeck, Palisades Twp., Palisades Park, Ridgefield, Ridgewood, Riverside, Rivervale, Rutherford, Saddle River Boro., Teaneck, Tenafly, Union Twp. (Bergen Co.), Wallington. Washington Twp., Westwood, Woodcliff, Woodridge.

CENTRAL DIVISION—
Bound Brook, Bridgewater, Carteret, Cranford, Dunellen, Elizabeth, Fair Haven, Fanwood Boro., Fanwood Twp. Franklin Twp. (Somerset Co.), Garwood, Highland Park, Hillsborough Twp., Hillside, Kenilworth, Linden Boro., Linden Twp., Metuchen, Middlesex Borough, Middletown, Monmouth Beach, Mountainside Boro., New Brunswick, North Brunswick, North Plainfield Boro., North Plainfield Twp., Perth Amboy, Piscataway, Plainfield, Rahway, Raritan Town, Raritan Twp. (Middlesex Co.), Red Bank, Roosevelt, Roselle, Roselle Park, Rumson, Seabright, Shrewsbury. Somerville, South Bound Brook, Union Twp. (Union Co.), Westfield, Woodbridge.

SOUTHERN DIVISION—
Audubon, Beverly City, Beverly Twp., Bordentown City, Bordentown Twp., Burlington City, Burlington Twp., Camden, Centre, Chester Twp. (Moorestown), Cinnaminson, Collingswood, Cranbury, Delaware, Delran, Deptford, Ewing, Fieldsboro, Gloucester City, Gloucester Twp., Haddon Twp., Haddonfield, Haddon Heights, Hamilton, Hopewell Boro., Hopewell Twp., Lawrence, Magnolia. Merchantville, Montgomery, Mt. Holly (Northampton Twp.), National Park, Oaklyn, Palmyra, Pennington, Pensauken, Princeton Borough, Princeton Twp., Riverside Twp., Riverton, Rocky Hill, South Brunswick, Trenton, Washington Twp. (Mercer Co.), West Deptford, Westville, Willingsboro, Woodbury, Wood Lynne.

Municipal contracts, total number of arcs, 12,619; total number of incs., 26,062 (of which 1,259 are type "C"); uniform rates as follows: arc lighting rate, $80 to $60 per yr., depending on number in use; inc. lighting rate, $85 to $13.95, depending on rating and number in use; all nt.
C D L S 1 2 3 ★36

**NEW BRUNSWICK,** 30,019—Public Service Elec. Co. (Sub-sta.). For executive officers, see Newark.
Dist. Supt. W. A. Redshaw
New Brunswick

Energy from Central Division Trans. System, trans. volt. 13,200 v. 3 ph. 60 cys; 5 transf. West. tot. 2500 kw; 3 rot. conv. G. E. West. tot. 1300 kw; 1 mo.-gen. set. West. 120 kw; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. s. & 2 ph. 60 cys.

City cont. arcs & incs. all nt. for rates, see Newark.
D L 1 2 ✠ 36

**NEW EGYPT,** 1,100—New Egypt Lt., Ht., Pwr. & Wtr. Co.; cap. $30,000; no bds.
¶ Pres. Mgr. & Cont. Agt.
Geo. L. Shinn................New Egypt
V. Pres. Wm. Chambers ..... "
*Sec. John Meirs............. "
Treas Wm. C. Jones......... "
Supt. & Engr. Pwr. Sta.
Harry Johnson................ "

2 d. c. Ohio tot. 54 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 80 hp. e. (oil) De La V; 120 amp.-hrs. stor. bat. 220 v. E. S. B.

City cont 67 Tung. series 25 & 40 w. $8.40 per yr; moonlt. mdnt; oil 4¼ cts.
C D G L ✠ 125

**NEWPORT,** 1,500—Bridgeton Elec. Co. See Bridgeton.

**NEWTON,** 4,467—The Newton Gas & Elec. Co. Office, 138 Spring St; cap. auth. $200,000; bds. auth. $150,000.
*¶Receiver & Mgr. Wm. L. Keplinger Newton
Pres. Lewis S. Iliff............... "
V. Pres. Fred P. Thorp...New York, N.Y.
Sec. Geo. P. Matthews............Newton
Treas. I. W. Myers......New York, N.Y.
Engr. Pwr. Sta. M. H. Northrup...Newton
Ch. Elecn. C. Stroway............. "

3 a. c. G. E. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v; 550 hp. e. Pwr. & Mining Co. (gas).

City cont. 100 arcs 1600 c. p. $72.50 per yr; 12 incs. 24 c. p. $24 per yr; all nt; coal $3.50.

D G L 3 ✣ 125

**NUTLEY,** 6,009—Public Service Elec. Co. See Newark.

**OCEAN CITY,** 1,950—Ocean City Elec. Lt. Co. (The Atlantic City Elec. Co. owns all capital stock); cap. $125,000; bds. $75,000.
Pres. Geo. N. Tidd
30 Church St., New York, N. Y.
Sec. & Treas. F. B. Ball
30 Church St., New York, N. Y.
Mgr. H. L. Montgomery ....Atlantic City
¶Cont. Agt. A. M. Plummer...Ocean City
Engr. Pwr. Sta. C. L. Clark........ "

4 a. c. G. E. tot. 1000 kw. 110 v. 2 ph. 60 cys; 2 d. c. G. E. tot. 280 kw. 550 v; 3 arc G. E. tot. 175 lts; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; d. c. mo. cir. 550 v; 975 hp. e. Bckye, Ham, Cor; 1500 hp. b. Keeler, Heine, Pottstown.

City cont. 163 arcs all the year ($100 add'l arcs in summer $10 per mo.) 450 w. $85 per yr; 2 incs. 32 c. p. $34.50 per yr; all nt; coal $3.30.

C D L S 2 ✣ ★26

**OCEAN GROVE,** 2,754—Ocean Grove Camp Meeting Assn.
Pres. Rev. A. E. Ballard......Ocean Grove
V. Pres. F. L. Wilson....... "
Treas. J. E. Andrus......Yonkers, N. Y.
*Sec. & Mgr. Frank Smith ..Ocean Grove
Engr. Pwr. Sta. Geo. Yates....... "

2 a. c. G. E tot. 450 kw. 2300 v. 3 ph. 60 cys; 6 d. c. arc Ex. Brush tot. 240 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 450 kw. e. B. & W, Bckye; 600 hp b. Bass.

Coal.

D L S 3 ★125A

**ORANGE,** 29,805—Public Service Elec. Co. (Sub-Sta.) See Newark.

Transmn. volt. 13,200 v. 3. ph. 25 & 60 cys; 2 rect. West. tot. 200 lts; 3 transf. West. tot. 9000 kw; 2 rot. conv. G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; d. c. mo. cir. 500 v.

City cont. 328 arcs a. c. series 1200 c. p. & 145 arcs d. c. flaming 2000 c. p; 1270 Mazdas 32 & 60 c. p; all nt; for rates see Newark. (Sub-sta. at Bloomfield under construction.)

C D L S 1 2 3 ✣ ★36

Munic. Elec. Lt. Plant; cost $90,000; bds. $90,000.
*Ch. Engr. Henry H. Berg, ......Orange
Oper. Engrs. { F. Luthy........... "
{ John Kelley........ "

2 a. c. Ft. W. tot. 500 kva. 2300 v. 2 ph. 60 cys; 5 arcs Ft. W. tot. 500 lt; no day cir; 550 hp. e. Hewes, Phillips; 900 hp. b. Heine.

372 city arcs magn. 4 amp. $57 per yr; 195 city Mazdas 60 c. p; all nt; coal $3.65.

L S 2 125

**PALISADES PARK,** 1,411 — Public Service Elec. Co. See Hackensack.

**PALMYRA,** 2,500—Cinnaminson Elec. Lt., Pwr. & Htg. Co. See Riverside.

**PARK RIDGE,** 1,401—Munic. Elec. Lt. Plant.
Mayor, F. A. Seibert........Park Ridge
Chm. Lt. Com. P. Taraulletti.. "
*Supt. E. Vernon Smith...... "
Engr. Pwr. Sta. Edw. Guisch.... "

2 a. c. Ft. W. 90 kw. 2200 v. s. ph. 60 cys; day & nt. cir; 112 hp. turb. (wtr.) Smith.

2 city arcs; 260 city incs. 20 c. p; moonlt.

D L W 1 75

Rockland Elec. Co. of New Jersey. See Closter.

**PASSAIC,** 61,225—Public Service Elec. Co. For executive officers, see Newark.
Dist. Supt. E. Kent...............Passaic

Energy from Paterson and Marion stas. trans. volt. 13,200 v. 3 ph; 4 transf. West. G. E. tot. 7500 kva; 2 rot. conv. G. E. tot. 2000 kw; 1 mo.-gen. G. E. 1000 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. mo. cir. 500 v.

City cont. 367 arcs 2000 c. p. & 972 incs. (16 type "C") 4000 hrs; for rates see Newark.

C D L 3 ✣ 36

Morris & Somerset Elec. Co. See Morristown.

**PATERSON,** 124,815 — Public Service Elec. Co. See Newark.

22 d. c. G. E. C.-W. tot. 5600 kw. 115-550 v; 2 turbo-gen. Curtis tot. 4000 kw. 2400 v. 2 ph. 60 cys; trans. volt. 13,200 v. 3 ph; 15 rectifiers G. E. tot. 1500 lts; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-2400 v. s. & 2 ph. 60 cys; d. c. mo. cir. 230 v; 7650 hp. e. B. & W; 6000 hp. b. Bab. & W; 200 kw. hr. stor. bat. E. S. B. 250 v; also purchases energy from Society of Useful Manufacturers; 3 transf. G. E. tot. 7000 kva; 2 mo.-gen. tot. 2500 kw.

*HAWTHORNE SUB-STA.*

2 transf. G. E. tot. 400 kva. 13,200 v. 3 ph.-2400 v. 2 ph.

City cont. 1016 city arcs 2000 c. p; 247 county arcs 1200 c. p. G. E. magn; 876 incs; all nt; for rates see Newark.

C D L S 1 2 ★36

**PENNS GROVE,** 2,118—Penns Grove Elec. Lt., Ht. & Pwr. Co.; cap. $25,000; bds. $25,000.
Pres. H. G. Hart....................Salem
V. Pres. F. G. Gaventa.....Pedricktown
Sec. Florence Beckett.......Penns Grove
Treas. Simon Cunningham.... "
*¶Mgr. & Cont. Agt.
Lyman Shepard........... "
Ch. Engr. Pwr. Sta. Fred Killie
Penns Grove

2 a. c. G. E. tot. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 100 hp. b. Erie City; 70 hp. e. Erie City; also 10-ton York ice machine.

City cont. 90 incs. series 80 c. p. $25 per yr; all nt; coal $3.10. (Also lts. Pedricktown.)

D I L S 3 ✣ ★125

**PEQUANNOCK,** 1,921—Public Service Elec. Co. See Newark.

**PERTH AMBOY,** 39,719—Public Service Elec. Co., Buckingham Ave. For executive officers, see Newark.
Dist. Supt. W. H. Chamberlain
Perth Amboy
Engr. Pwr. Sta. E. B. Ford "

*BUCKINGHAM AVE. GEN. STA.*
2 a. c. West. tot. 10,000 kva. 13,200 v. 3 ph. 60 cys; 3 transf. West. tot. 3000 kva; 3 rot. conv. G. E., West. tot. 1500 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. s. & 2 ph. 60 cys; 4800 hp. b. Bab. & W; 12,000 hp. turb. (stm.) West.

*DAVIDSON AVE. GEN. STA.*
2 d. c. West. tot. 750 kw. 500-550 v; 1000 hp. e. Bass; 900 hp. b. Heine; (not in operation.)

*AVENEL (WOODBRIDGE TWP.) SUB-STA.*
2 rot. conv. G. E. tot. 1000 kw. 600 v.

*KEASBY (WOODBRIDGE TWP.) SUB-STA.*
4 transf. G. E., West. tot. 1300 kw. 13,200 & 6600 v. 3 ph.—2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220-440 v. 2 ph. 60 cys.

*NIXON (PISCATAWAY TWP.) SUB-STA.*
G. E. & West. transf. tot. 3500 kw; a. c. mo. cir. 220-440 v. 2 ph.

City cont. arcs and incs: all nt; for rates see Newark; coal. (This station feeds into Central Div. Trans. System.)
D L S 1 2 3 ✠ ★36

**PHILLIPSBURG,** 13,903 — Eastern Pennsylvania Pwr. Co. of N. J. See Columbia.
a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 110-220 v.
City cont. 138 arcs magn. 4 amp. 2000 c. p. $65 per yr; 84 Mazdas 40-250 w. $15-$45 per yr. (Trans. to Alpha.)
C D L 3 16

**PITMAN,** 1,950 — Elec. Co. of New Jersey. See Salem.
Supt. E. F. Johnston........Pitman Grove
1 a. c. West. — kw; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 350 hp. b. Bab. & W, Coatesville.
City cont. 40 arcs enc. 2000 c. p. $90 per yr; 400 tung. $25 per yr; all nt; coal $3.
D L S 1 2 3 ✠ 125A

**PLAINFIELD,** 24,516—Public Service Elec. Co. For executive officers, see Newark.
Dist. Supt. G. G. Andrews......Plainfield
Energy from Central Division Transmn. System; 3 transf. West. tot. 3000 kw; 3 rot. conv. G E. tot. 1200 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 2 ph. 60 cys.
City cont. incs. all nt; for rates see Newark.
D L 1 2 ✠ 36

**PLEASANTVILLE,** 4,390—Pleasantville Ht., Lt. & Pwr. Co. (Successor to The Pleasantville Elec. Co.); cap. $50,000; no bds.
Pres. S. Bradley..............Atlantic City
V. Pres. Joseph Thompson. " "
Sec., Treas. & Mgr. Jno. P. Tompkins................ " "
*Supt. & Engr. Pwr. Sta. Jesse Bowen..............Pleasantville
2 a. c. Ft. W. 225 kw. 2200-110 v. 2 ph. 60 cys; 3 rect. G. E. 200 lt; a. c. day & nt. ltg. & mo. cir. 220-110 v. 2 ph. 60 cys; 800 hp. e. Skinr, Atlas, Cor; 400 hp. b. Lebanon
City cont. 177 arcs 1200 c. p. $50 to $85 per yr; 119 series Mazda. 60 & 32 c. p. $35 & $10 per yr; mdnt; all nt; coal. (Co. also lts. Absecon, Linwood, Somers Point and Northfield.)
D L S 2 ✠ 73

**POINT PLEASANT,** 1,003 — Lakewood & Coast Elec. Co. (Coast Div.) See Lakewood.
Energy from Lakewood 13,200 v. 3 ph. 60 cys. trans;—transf. tot. 450 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 122 incs. series 350 c. p. (5) & 32 c. p. (117) $18 per yr. all nt. (40 are on orna. stds.) (Supplies Point Pleasant, Bay Head, Mantoloking, Manasquan, Brielle, Sea Girt, Villa Park, Spring Lake, Brick Township and Wall Township.)
D L 1 3 ★16

**PORT NORRIS,** 1,600—Bridgeton Elec. Co. See Bridgeton.

**PRINCETON,** 5,678 — Public Service Elec. Co. (Sub.-Sta.) See Newark.
Energy from Trenton, 13,200 v. 3 ph. 60 cys; 2 transf. West tot. 1000 kva; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.
City cont. 33 arcs a. c. series 6.6 amp. and 160 Mazdas series 38 c. p. all nt; for rates see Newark.
D L 2 3 36

**RAHWAY,** 9,586 — Public Service Elec. Co. (Sub-Sta.) See Newark.
Energy furnished by Central Division Trans. System, trans. volt. 13,200 v. 3 ph. 60 cys; 6 transf. G. E., West. tot. 700 kva; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. s. & 2 ph. 60 cys.
City cont. all nt; for rates see Newark. (Also lts. Colonia.)
D L 1 2 ✠ 36

**RAMSEY,** 1,667—Rockland Elec. Co. of New Jersey. See Closter.

**RARITAN,** 3,672--Public Service Elec. Co. See Metuchen.

**RED BANK,** 8,631 — Public Service Elec. Co. For executive officers, see Newark.
Dist. Supt. Irving Finch........Red Bank
Engr. Pwr. Sta. J. Valleau..... "
3 a. c. G. E. tot. 1600 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 2 ph. 60 cys; 2350 kw. stm. turb. G. E; 1000 hp. b. Heine. Roberts.
City cont. arcs, type "C" lamps and incs. all nt; for rates see Newark. (This sta. also lts. Fairhaven, Oceanic, Sea Bright, Little Silver, Rumson, Shrewsbury and Locust Point.)
D L S 1 2 ✠ 36

**RIDGEWOOD,** 6,729—Public Service Elec. Co. (Energy supplied from Marion and Paterson.) See Hackensack.

**RIVERSIDE,** 5,465—Public Service Elec. Co. See Newark.
Trans. volt. 13,200 v. 3 ph. 60 cys; 2 transf. West. tot. 1000 kva; 2 rot. conv. West. tot. 600 kw; a c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys.
City cont. 91 arcs 2000 c. p. and 173 incs. mult. 32 c. p. all nt; for rates see Newark.
D L 1 2 3 36

**RIVERTON,** 1,788—Cinnaminson Elec. Lt. Pwr. & Heating Co. See Riverside.

**ROCKAWAY,** 1,902 — Eastern Penn Pwr. Co. of N. J. See Columbia.
Energy from Jersey Corpn., Boonton.
L 16

**ROSELLE,** 2,725—Public Service Elec. Co. See Elizabeth.

**RUMSON,** 1,583—Public Service Elec. Co. (Sub-Sta.) See Newark.
Energy from Red Bank; a c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. all nt; for rates see Newark.
D L 1 ✠ 36

**RUTHERFORD,** 7,045—Public Service Elec. Co. (Energy supplied from Marion.) See Hackensack.

**SADDLE RIVER,** 2,048 — Rockland Elec. Co. of New Jersey. See Closter.

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Public Service Elec. Co. See Hackensack.

**SALEM,** 6,614—Electric Co. of New Jersey. (Generating station at Pitman); cap. $74,000; bds. $152,000.
Pres. Jas. H. Morris..........Phila., Pa.
V. Pres. E. W. Lothrop..Van Wert, Ohio
Sec. & Treas. W.W.Levering..Phila., Pa.
Mgr. W. P. Mercer...............Pitman
*Dist. Supt. H. C. Berry ...........Salem

6 transf. Ft. W. tot. 900 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 60 cys.

City cont. 50 arcs enc 430 w. $90 per yr; 250 Tung. 40 w. $27.50 per yr; moonlt. all nt. (Co. lts. Salem. Pitman, Glassboro, Grenloch, Mantua, Swedesboro, Wenonah, Hurffville and Ewan.)
D L 2 3 ✢ ★125a

**SAYREVILLE,** 4,779—Sayreville Elec. Lt. & Pwr. Co.; cap. $4,000.
¶ Pres. & Treas. E. A. Fisher..Sayreville
*Sec. F. M. Townley........... "
Ch. Engr. E. E. Meeker....... "
Ch. Elecn C. W. Carr....... "

2 a. c. Stan. West. tot. 550 kw. 2300 v. 2 ph. 60 cys; 3 d. c. C-W. tot. 650 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; mo. cir. 550 v; 2500 hp. e. Fitch; 1200 hp. b. Coatesville.

City cont. 15 arcs $80 per yr; 130 incs. 25 c. p. $20 per yr; all nt; coal. (Co. also lts. Melrose.)
C D L S 2 ✢ 125

**SEABRIGHT,** 1,327 — Public Service Elec. Co (Sub-Sta.) See Newark.

Energy from Red Bank; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont; for rates see Newark; all nt.
D L 1 ✢ 36

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Consolidated Gas Co. of New Jersey. See Long Branch.

**SEA ISLE CITY,** 551 — Sea Isle City Elec. Lt. Pwr. & Wtr. Co.
¶Pres. & Mgr. Walter W. Brooks, Sea Isle City
V. Pres. J. J. Coyle.......... " "
*Sec. J. Marshall............ " "
Supt. Geo. L. Whittington... " "
Engrs. { Benj. Ford........... " "
Engrs. { Elwood Smith...... " "

3 a. c. G. E, West. tot. 570 kw. 2200 v. s. & 3 ph. 60 cys; a c. day (summer) & nt. ltg. cir. 110 v; 1250 hp. e. Ham, Cor, & Rus. Cor; 500 hp. b. Phoenix, Ames.

City cont 70 arcs Ft.W. 6.6 amp. 35 cts. per nt; 70 incs. 32 c. p. 10 cts. per nt; all nt; coal $3.20. (Co. also lts. Townsend Inlet and Corsons Inlet.)
D L S 1 3 ✢ ★125a

**SEASIDE PARK,** 101—Munic. Lt., Wtr. & Sewer Plant.
Mayor, C. W. Mathis.......Seaside Park
Treas. Frank Hewitt........ "
*¶Mgr. & Supt. O.W. Edwards
221 Elm St., Camden, N. J.
Engr. Pwr. Sta. Geo. Driver
221 Elm St., Camden, N. J.

2 a. c. West, C-W. tot. 50 kw. 2200 v. s. ph. 60 cys; no day cir; 75 hp. e. Watern; — hp. b. ——.

City cont. 110 tung. series 75 w; mdnt; coal & gasoline.
L S 1 113

**SECAUCUS,** 4,740 — Public Service Elec. Co. See Hoboken.

**SOMERVILLE,** 6,038—Public Service Elec. Co. (Sub-Sta.). See Newark.

Energy furnished by Central Div. Trans. System; trans. volt. 13,200 v. 3 ph. 60 cys; 2 transf. West. tot. 2000 kw; 1 rot. conv. G. E. 200 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. s. & 2 ph. 60 cys.

City cont. all nt; see Newark for rates.
D L 1 2 3 ✢ 36

**SO. AMBOY,** 7,007—Monmouth Lighting Co. See Keyport.

**SOUTH ORANGE,** 6,014—Public Service Elec. Co. See Orange.

**SOUTH RIVER,** 4,772—Munic. Elec. Lt. Plant.
Supt. Mr. Partridge..........South River
L X ★75†

**SPRINGFIELD,** 1,123—Millburn Elec. Co. See Millburn.

**SPRING LAKE,** 853 — Lakewood & Coast Elec. Co. See Point Pleasant.

City cont. 47 incs. (undgrd. orna. stds.) 600 c. p. (7) & 400 c. p. (40) $97.50 & $79 per yr. all nt; 12 incs. (ovhd.) 400 c. p (5) & 32 c. p. (7) $64 & $15 per yr. all nt; 25 orna. 5-lt. stds. 60 & 100 w. 11 P.M. & all nt. (4 mos. of yr.) and 10 stds. 100 c. p. all nt. tot. $758.60 per yr. Also 1 5-lt. std. $59 per yr. all nt.
L 16

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Atlantic Coast Elec. Lt. Co. See Asbury Park.

**STANHOPE,** 1,031—Willsbrook Elec. Lt. Co. See Netcong.

**STONE HARBOR,** 150—Stone Harbor Elec. Lt. & Pwr. Co. (Controlled by same interests as Vulcan Elec. Lt., Ht. & Pwr. Co., Cape May, C. H.)
*Supt. Chas. Duffield.......Stone Harbor

Energy purchased from Vulcan Elec. Lt., Ht. & Pwr. Co; 4400 v. 3 ph. 60 cys. trans; a. c. nt. ltg. cir. 120 v. 60 cys.

Also lts. Peermont and Avalon.
L 3 §115

**SUMMIT,** 7,500—Commonwealth Electric Co., 19 Beechwood Rd. (Successor to Commonwealth Wtr. & Lt. Co.); cap. $300,000 (prefd.), $400,000 (com.); bds. $1,000,000.
Pres. & Treas. Carroll P. Bassett. Summit
V. Pres. Fred R. Drake.......Easton, Pa.
Sec. F. C. Kimballl...............Summit
*Mgr. S. W. Borden............. "
Audr. H. Marsh Shorrock........ "
¶Gen. Supt. H. F. Taylor......... "
Engr. Pwr. Sta. W. R. Arrell..... "

3 a. c. G. E. tot. 1200 kw. 2200 v 2 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 2 ph. 60 cys; 250 hp. e. H. & P. Woodberry; 1000 hp, turb. (stm.) G. E; 1000 hp. b. Bab. & W. Heine.

City cont. 23 arcs 500 & 400 w. $84.50 & $75 per yr; 920 tung. 25 & 32 c. p. $14.25 & $15 per yr; all nt; coal $3. (Co. also lts. Murray Hill, Berkeley Heights, New Providence, Gillette, West Summit, Stirling, Warren Twp., Florham Park and part of Chatham Township.)
D L S 2 ✢ ★16

**SUSSEX,** 1,251—Woodbourne Elec. Lt., Ht. & Pwr. Co.; cap. auth. $30,000; bds. $8,000.
Pres. J. J. Stanton...............Sussex
V. Pres. Dr. R. M. Curts .......... "
*¶Sec., Treas. & Mgr.
Irvin D. Shorter................. "
Ch. Engr. L. Harford............. "

2 d. c tot. —— kw; 100 hp. e. Stevens, Payne; 150 hp. turb. (wtr.) S. Morgan Smith; 150 hp. b. Stearns.

City cont. 87 G. E. incs. 20 c. p. $19.12 per yr. moonlt; coal $4.25.
C L S W ✢ 125

**SWEDESBORO**, 1,477—Elec. Co. of New Jersey. See Salem.

**TENAFLY**, 2,999 — Public Service Elec. Co. Ltg. from Hudson River Sub-Sta. See Hackensack.

**TOMS RIVER**, 5,000—Toms River Elec. Co; cap. $100,000; no bds.
Pres. Geo. H. Holman... ...Toms River
V. Pres. Caleb Falkinburg... "
*Sec. & Gen. Mgr. C. A. Brant "
Treas. Henry A. Low......... "
Ch. Engr Otto Schuett...... "

2 a. c. Ft. W. tot. 150 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 112 v; 250 hp. e. Bckye; 450 hp. b. Coates.

City cont. 2 multiple a. c. arcs 250 c. p. $91 per yr; 305 series incs. 25 c. p. $15 per yr; all nt; coal $3.55. (Co. also lts. Island Heights, Berkeley, Cedar Grove and Germantown.)

D L S 1 ✠ 125

**TRENTON**, 103,190 — Public Service Elec. Co. See Newark.

6 a. c. West. Stan. tot. 4000 kw. 2400 v. 2 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; 2 mo. gen. Stan. Northn. tot. 384 kw; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; d. c. mo. cir. 220 v; 2400 hp. e. Penna; 3300 hp. stm. turb. West; 2850 hp. b. Bab. & W, Berry; 3 transf. G. E. Allis-C. tot. 5000 kva; 1 rot. conv. West. 300 kw.

*LIBERTY ST. SUB-STA.*

2 rot. conv. G. E. tot. 1000 kw.

*OLDEN AVE. SUB-STA.*

2 transf. G. E. tot. 2000 kw. 13,200 v. 3 ph.—2400 v. 2 ph. 60 cys.

*PLAINSBORO (WEST WINDSOR TWP.) GEN. STA.*

2 d. c. Sprague tot. 800 kw. 600 v; 900 hp. e. Bates; 750 hp. b. Phoenix (ry.).

City cont. 600 arcs 2000 c. p. and 500 tung. 60 c.p; all nt; for rates, see Newark; coal.

C D L S 1 2 ★36

**UNION**, 21,023—Public Service Elec. Co. See Hoboken.

**VERONA**, 1,675—Public Service Elec. Co. Ltg. from Montclair Sub-Sta. See Orange.

**VINELAND**, 5,282—Munic. Elec. Lt. Plant; cost $37,000.
Mayor, Benjamin Stevens.......Vineland
Supt. W. W Kruse............. "
Engr. Pwr. Sta. Samuel Tregale. "

2 a. c. W.E, Tri. tot 600 kw. 2200-220-110 v. 2 ph. 60 cys; 2 arcs West. 150 lts; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 800 hp. e. Erie, Ball; 400 hp. b. Ames, Brnl.

100 city arcs a. c. series 550 w; 45 series tung. 100 & 50 w; moonlt; coal $2.97.

D L S 1 2 ✠ 23

**WALLINGTON**, 3,448—Public Service Elec. Co. See Hackensack.

**WASHINGTON**, 3,567 — Washington Elec. Co.; cap. $50,000; bds. $50,000.
Pres. Geo. T. Haldeman..Wilkes-Barre, Pa
V. Pres. Mgr. & Cont. Agt.
Thos. W. Haldeman........Washington
Sec. Emily C. T. Haldeman.. "
Engrs. } Philip Snyder.... "
Pwr. Sta. } Randall Kreis ... "

2 a. c. West, G. E. tot. 300 kw. 1170 v. ph. 133 cys; a. c. day & nt. ltg. cir. 117 v; a. c. mo. cir. 117-234 v. s. ph. 133 cys; 175 hp. e. H. & P, Skinr; 250 hp. b. Hewes.

City cont. 39 arcs enc. 5.5 amp. $69 per yr; 73 Mazdas 40 & 75 w. $18 and $21.50 per yr; all dark hrs; coal $2.40.

D L S 1 ★125A

**WEEHAWKEN**, 13,488—Public Service Elec. Co. See Newark.

a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 2300 v. 2 ph. 60 cys.

City cont. — arcs all nt. for rates see Newark.

D L 2 36

**WESTFIELD**, 6,420—Public Service Elec. Co. See Elizabeth.

**WEST HOBOKEN**, 35,403 — Public Service Elec. Co. See Hoboken.

**WEST NEW YORK**, 13,560—Public Service Elec. Co. See Hoboken.

**WEST ORANGE**, 10,980—Public Service Elec. Co. See Orange.

**WESTWOOD**, 1,044 — Public Service Elec. Co. (Energy supplied from Marion.) See Hackensack.

**WHARTON**, 2,983—Eastern Penn. Pwr. Co. of N. J. See Columbia.
Energy from Jersey Corpn., Boonton.
City cont. 112 incs. 32 c. p. $18 per yr.

L 16

**WILDWOOD**, 2,912—West Jersey Elec. Co. (Controlled by The Wildwood Elec. & Trac. Co.); cap. auth. $150,000; bds. $100,000.
Pres. Henry D. Moore........Haddonfield
Sec. W. G. Moore............ "
Treas. & Gen. Mgr.
J. Fithian Tatem.......... "
*¶Supt. E. T. Nye ..............Wildwood
Ch. Engr. Jos. Hendershot.... "

5 a. c. Stan, C. W, Ft. W. tot. 1170 kw. 1100 v. 2 ph. 60 cys; 7 arc Brush, Wood tot. 600 lt. 275 kw; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 230 v; 1800 hp. e. Bckye; 1000 hp. b. Nichols.

City cont. 180 arcs Ft. W. d. c series 2000 c.p. $82 50 per yr; 123 arcs G. E. lumn. d. c. $10 per month; 30 Mazdas d.c. series 80 c. p. $25 per yr; all nt; coal $3.45. (Co. also lts. North Wildwood, Wildwood Crest and Holley Beach; sells energy to Five Mile Beach Elec. Ry. Co.)

D L S 2 26

**WILLIAMSTOWN**, 2,200—Williamstown Elec. Co.; cap. outstg. $6,500.
*¶Pres. & Mgr. H. B. Garwood
Williamstown
Treas. Geo. Jonas...............Bridgeton

2 d. c. G. E. tot. 130 kw. 125 v; 3 a. c. G. E. tot. 120 kw. 1100-110 v. s. ph. 125 cys; d. c. day cir. 110 v; pwr. cir. 110 v; also stm. htg.

City cont. 135 incs. 25 c. p. $15.37 per yr. moonlt; coal $2.85.

C D H L S 1 ✠ 75

**WOODBINE**, 2,399—Woodbine Land & Improvement Co.
Pres. E. S. Benjamin.. } 80 Maiden Lane,
V. Pres. M. J. Kohler.. } New York, N.Y.
Sec. Treas. Mgr. & Cont. Agt.
B. A. Palitz............ " "
*¶Supt. of Pwr. W. E. Bertrand..Woodbine

3 d.c. G. E, C. & C. tot. 325 kw. 220 v; d. c. day & nt. ltg. cir. 220-110 v; d. c. day & nt. mo. cir. 220 v; 450 hp. e. Ames, Allfree, Harrisbg; 600 hp. b. Ames, Keeler; also stm. htg.

City cont. 80 Mazdas 40 w. $4 per yr; 11 P. M; coal $3.25 to $3.50.

C D H L S ★125

**WOODBRIDGE**, 2,000—Public Service Elec. Co. See Carteret.

**WOODBURY**, 5,288 — Public Service Elec. Co. (Sub-Sta.) See Newark.

Energy from Camden 11,000 v. s. ph. 60 cys; 2 transf. G. E. tot. 160 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 112-224 v. s. ph. 60 cys.

City cont. 57 incs. 6.6 amp. all nt; for rates see Newark.
D L 1 36

**WOODSTOWN,** 1,613—Woodstown Ice & Cold Storage Co.; cap. outstg. $20,000; no bds.
Pres. Wm. Richman..........Sharptown
*¶Sec. Treas. Mgr. & Cont. Agt.
C. F. Moore....................Woodstown
Ch. Engr. Pwr. Sta.
C. F. Reed.................. "
2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; 1 rect. West. 20 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. e. Atlas, Bckye, Remington; 250 hp. b. Penn; also 10-ton ice plant (Remington.)
City cont. 150 series incs. 5.5 amp. 32 & 100 c. p. $15 per yr. moonlt; coal $3. (Co. also lts. Daretown, Sharptown, Eldridge Hill and various rural districts.)
D I L S 1 3 ✣ 125

## NEW MEXICO.

**ALAMOGORDO,** 4,000—Alamogordo Elec. Lt. & Pwr. Co.; cost $25,000.
Pres. & Mgr. W. R. Eidson..Alamogordo
¶Sec. & Treas. Z. D. Ross.. "
*Supt. & Ch. Engr. C. W. Molt "
2 a. c. Ft. W. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105-117 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. 2-3 ph. 60 cys; 125 hp. e. Rus; 150 hp. e. (oil) Fulton 175 hp. b. Spgf.
Oil 3½ cts.
D G L S 3 ✣ 16

**ALBUQUERQUE,** 11,020—Albuquerque Gas, Elec. Lt. & Pwr. Co. (Controlled by Federal Lt. & Trac. Co., 60 Broadway, N. Y.); cap. $222,500; bds. $310,000.
Pres. E. N. Sanderson. } 60 Broadway,
V. Pres. & Treas. } New York, N.Y.
J. Dunhill............ }
Sec. A. R. Marshall ..... " "
Mgr. W. P. Southard .......Albuquerque
Energy purchased from Albuquerque Elec. Pwr. Co.; 1 rot. conv. West. 200 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys.
City cont. moonlt. (Also lts. Old Albuquerque, San Jose and Borelas.)
D L 3 16

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Albuquerque Elec. Pwr. Co. (Controlled by Federal Light & Traction Co., 60 Broadway, New York, N.Y.); cap. outstg. $50,000.
Pres. E. N. Sanderson.. } 60 Broadway,
V. Pres. & Treas. } New York, N.Y.
J. Dunhill.. ......... }
Sec. A. R. Marshall....... " "
Mgr. W. P. Southard .......Albuquerque
Engr. Pwr. Sta. A. C. Hicks. "
3 a.c. Natl, Allis-C. tot. 1725 kw. 2300 v. 3 ph. 60 cys; 1308 hp. e. Mur, Ham, Ideal; 1576 hp. b. Heine, Oil City; 1000 kva. stm. turb. Allis-C. Coal. (Energy sold in bulk to Albuquerque Gas, Elec. Lt. & Pwr. Co. and Albuquerque Water Co.)
C S T 3 16

**ARTESIA,** 1,883—Pecos Valley Gas & Elec. Co. of New Mex. (Successor to Artesia Lt. & Pwr. Co.) (Controlled by Southwestern Elec. Co., 49 Wall St., New York, N. Y., and operated by Jno. C. Keys, Lawton, Okla.)
Pres. John C. Keys........Lawton, Okla.
Sec. & Gen. Supt.
Albert H. Keys......... "
Engr. Pwr. Sta. R L. Sutter.......Artesia
1 a. c. Elec. Mchy. 312 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. gas pro. Weber; 65 hp. e. (gas) Weber; 450 hp. e. (oil) Busch-Diesel.
City cont. 5 arcs A-B. 6 amp. $144 per yr; allnt; coal $2.
D G L 3 ✣ 45

**AZTEC,** 509—Aztec Lt. & Pwr. Co.; cap. $20,000; no bds.
*¶Pres. W. Goff Black..............Aztec
V. Pres. & Treas. Arthur Ponsford
Denver, Colo.
Sec. Mgr. Supt. & Engr. Pwr. Sta.
W. A. Wilson........................Aztec
1 a. c. Warren 100 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 100 hp. turb. (wtr.)
City cont. 8 arcs G. E. 6.6 amp. $120 per yr; mdnt.
L W 1 ✣ 74

**CARLSBAD,** 1,736—The Public Utilities Co. (Power sta. 6 miles southeast of Carlsbad); cap. outstg. $79,200; bds. $40,000.
Pres. A. J. Muzzy.........Bristol, Conn.
V. Pres. F. F. Doepp.............Carlsbad
Sec. & Treas. S. I. Roberts....... "
*¶Mgr. & Cont. Agt.
Eugene A. Roberts.............. "
Engr. Pwr. Sta. C. L. Schultz.... "
2 a. c. G. E. West. 210 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a.c. mo. cir. 2300 v. s. ph. 60 cys; 500 hp. water turb. Leffel.
City cont. 5 arcs 1000 c. p. $90 per yr; 4 arcs free; 40 incs. 40 c. p. $9 per yr; all nt. (Also lts. La Huerta and Otis.)
L W 1 3 ✣ 85w

**CLAYTON,** 970—Munic. Elec. Lt. & Wtr. Plant; bds. $50,000.
*Mayor, N. E. Charlton............Clayton
Treas. H. G. Hammond........... "
Supt. C. H. Clagett................ "
2 a. c. Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 180 hp. e. (oil), De La Vergne.
Oil 5 cts.
D G L 3 ✣ 14

**CLEVELAND,** 500—Mora Lt. & Pwr. Co. Inc.; cap. $2,400,000.
*Treas. & Mgr. Jos. J. Fuss... Cleveland
1 a. c. 15 kva. 480 v. 3 ph. 60 cys; trans. volt. 2300 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 110-122 v. 60 cys; a. c. day mo. cir. 244 v. 3 ph. 60 cys; 45 hp. e. Armington & Sims; 70 hp. b. Atlas.
City cont. —— arcs $100 per yr; 3 incs. Mazda 80 w. $36 per yr; wood $2. (Co. also lts. Mora.)
D L S 1 3 ✣ ★16

**CLOVIS,** 5,200—Munic. Elec Lt. & Wtr. Plant; cost $125,000.
*¶Supt. & Engr. Pwr. Sta.
Geo. W. Chalfant.................Clovis
2 a. c. Ft. W. tot. 210 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. s. ph; mo. cir. 220 v. 3 ph; 300 hp. e. Ide; 300 hp. b. C. & H.
40 city Mazdas "C" 250 c. p; 125 incs. 60 w; all nt; coal $4.20.
D L S 1 3 16

**DEMING,** 1,864—Deming Ice & Elec. Co. (Controlled by the Federal Lt. & Traction Co., 60 Broadway, New York, N. Y.); cap. outstg. $37,100.
Pres. E. N. Sanderson
60 Broadway, New York, N.Y.
V. Pres. & Treas. J. Dunhill,
60 Broadway, New York, N.Y.
Sec. A. R. Marshall,
60 Broadway, New York, N.Y.
Mgr. J. A. Shepard...................Deming
Engr. Pwr. Sta. P. H. Bunce..... "
3 a.c. G. E. Wag. tot. 850 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 113 v; a.c. day & nt. mo. cir. 2200-220 v; 375 hp. e. Ham. Chuse; 975 hp. b. C. & T. Frost, Keeler; 500 kw. turb. (stm.) G. E; also ice plant.
City cont. moonlt; coal.
D I L S 1 ✣ 16

**GALLUP,** 2,204—Gallup Elec. Lt. Co.; cap. $50,000; bds. $50,000.
Pres. A. F. Statter
716 Union Oil Bldg., Los Angeles, Cal.
*¶Sec., Treas., Mgr. & Cont. Agt.
C. J. Price......................Gallup
Ch. Engr. Hubert Clark........... "
3 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 37½ kw. 125 v; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir; 500 hp. e. Erie City, Cor.; 300 hp. b. Erie.
Slack $1.
D L S 1 3 ✠ ★26

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Peoples Lt. & Pwr. Co.; cap. $30,000.
Pres. J. A. Gordon................ Gallup
V. Pres. Geo. Kraker.............. "
*¶Sec. Treas. & Mgr.
Kenneth H. Myers.............. "
Engr. Pwr. Sta. Chas Sandin........ "
1 a. c. West. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 225 hp. e. Chuse; 125 hp. b. Kew. Also purchases energy from Victor-Amer. Fuel Co.; 3 transf. Ft. W. tot. 300 kw.
City cont. 80 series Mazdas 4 amp. 60 c. p; all nt; slack $1.
D L S 1 3 ✠ 16

**LAS CRUCES,** 3,836—Las Cruces Elec. Lt. & Ice Co.; cap. $50,000; no bds.
Pres. Oscar C. Snow...........Las Cruces
V. Pres. T. Rouault........... "
Sec. H. B. Holt......... ..... "
Treas. Capt. Woodhull...... "
*¶Mgr. & Cont. Agt.
D. W. Morgan............. "
Engr. Pwr. Sta. John Ward... "
1 a. c. G. E. 150 kw. 2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 300 hp. b. Atlas, Ames, Lyons; also 25 ton ice plant.
City cont. 21 arcs mult. 6 amp. $72 per yr; moonlt: 1 A.M; coal $4.75. (Co. also lts. Mesilla Park and Mesilla.)
D I L S 3 ✠ 125

**LAS VEGAS,** 6,934—Las Vegas Lt. & Pwr. Co. Gen. office, 60 Broadway, N.Y. City. (Controls Las Vegas Transit Co. and is in turn controlled by Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. & Treas.
J. Dunhill " " "
Sec. A. R. Marshall " " "
Mgr. W. S. Townsend...........Las Vegas
Ch. Engr. W. A. Lane.......... "
2 d. c. Westg, tot. 600 kw. 500 v; 2 a. c. Bull, tot. 325 kw. 2200-220-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. & d. c. mo. cir; 1400 hp. e. Bckye, F. & S; 625 hp. b. O'B, St. L.
City cont. all nt; coal.
C D L S 2 ✠ ★26

**MAGDALENA,** 1,226—Magdalena Ice, Lt. & Pwr. Plant; cost $30,000.
*Owner, W. W. Benjamin.....Magdalena
1 a. c. Nat'l 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 440 v; 127 hp. e. Chuse; 225 hp. b. Hendrie & B; ice plant.
City cont. 6 "C" incs. 750 w; no charge; all nt; coal $4.85. (Also lts. Kelley.)
D L S 3 ✠ 114

**MORA,** 1,200—Mora Lt. & Pwr. Co., Inc. See Cleveland.

**PORTALES,** 1,292—Munic. Elec. Lt. Plant.
*Mgr. W. E. Keeter...............Portales
2 a. c. Ft. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220-110v. 3 ph. 60 cys; 205 hp. e. (gas) F. M. & Co; 300 hp. gas pro. F. M. & Co.
City cont. 85 tung. 75 w; moonlt; coal $5.50.
G L 3 ✠ 125

**RATON,** 4,539—Raton Elec. Lt. & Pwr. Co.; cap. stock $100,000; no bds.
Pres. Geo. I. Pace....................Raton
Sec. & Treas. A. H. Officer......... "
*¶Mgr. & Ch. Engr. J. R. Smith... "
3 a. c. G. E. tot. 350 kw. 2300-208-104 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v; a. c. mo. cir. 220 v; 425 hp. e. Ide, B. & W; 450 hp. b. Brnl, Mur, Denver.
City cont. 81 incs. West. 80 c. p. moonlt; slack $1.70.
D L S 3 16

**ROSWELL,** 8,800—Roswell Gas & Elec. Co.
Pres. Geo. W. York........Cleveland, O.
V. Pres. & Gen. Mgr. D. W. Low..Roswell
Sec. & Treas. J. C. Hamilton.... "
Cont. Agt. E. A. Theile.......... "
*Supt. C. M. Einhart............. "
Engr. A. R. Blackwood.......... "
5 a. c. West. G. E. 1350 kw. 2300-220-110 v. 3 ph. 60 cys; 4 d. c. West. G. E. 90 kw. 125 v; a. c. day ltg. & mo. cir. 220 v; 400 hp. e. Allis-C, Ideal; 500 kw. stm. turb. G. E; 600 hp. b. Bab. & W; 1100 hp. e. (gas) West; 1500 hp. gas pro. West.
City cont. 150 3-lt. blvd. posts $1.50 per mo; 27 "C" Mazdas 100 c. p. $36 per yr; 60 "C" Mazdas 80 c. p. $32.50 per yr; mooult; all nt; coal $4.95.
D G L S 3 ✠ 125

**SAN MARCIAL,** 1,009—Southwestern Milling & Elec. Co.; cap. $15,000.
Pres. F. E. Wood............Albuquerque
*¶ V. Pres. Mgr. & Cont. Agt.
Thos. Marron...............San Marcial
Sec. O. N. Marron............Albuquerque
Engr. Pwr. Sta. A. M. Dillon,
San Marcial
1 a. c. W. E. 60 kw. 2300 v. s. ph. 60 cys; a.c. nt. ltg cir. 110 v; 125 hp. e. Ham, Cor; 180 hp. b. Erie.
City cont. 7 arcs W. E. 675 w. $90 per yr; 20 incs. 30 c. p. $24 per yr; all nt; coal $4.10. (Also lts. Midway & Milligan.)
D L S 1 ✠ 125

**SANTA FE,** 5,072 — Santa Fe Wtr. & Lt. Co.
Pres. & Treas. C. F. Street
43 Cedar St., New York, N. Y.
*¶ Mgr. Frank Owen............Santa Fe
Supt. A. J. Griffin................ "
Engr. Pwr. Sta. Walter Miller... "
4 a. c. G. E. tot. 575 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 175 hp. e. Ball; 200 kw turb. G.E. 450 hp. b. Bigelow; 102 hp. wtr. wh. Pelton.
City cont. 90 series Tung. 50 w. $18 per yr; all nt; coal $4.
D L S 3 ✠ 74

**SILVER CITY,** 3,217—The Silver City Pwr. Co.; cap. $100,000.
*Mgr. M. R. Buchanan........Silver City
Engr. Pwr. Sta. J. H. Grange.. "
3 a. c. West. tot. 425 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 130 hp. e. Ide; 250 hp. b. Bab. & W; 250 hp. stm. turb. West; 250 hp. e. (oil) Snow.
City cont. 290 series tung. 32 c. p. $16.50 per yr; 10 P. M. moonlt; coal $4.75 & oil $1.85 per bbl.
D G L S 1 3 ✠ 16

**SOCORRO,** 1,560—Socorro Lt. & Pwr. Co.
*Pres. & Mgr. C. T. Brown........Socorro
Sec. C. E. Moffett................ "
Supt. V. Sparks................... "
2 a. c. Ft. W, War. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 250 hp. e. Kerr, Frazer; 200 hp. b; 100 hp. turb. (stm.) Kerr.

City cont. 6 arcs G. E. 6 amp; all nt; coal $3.50.
L S 3 ★115

**SPRINGER**, 550—Springer Elec. Lt. & Pwr. Co; cost $40,000.
*Pres. & Mgr. J. S. Bowman....Springer
Sec. Rytha B. Bowman........ "
1 d. c. West. 22½ kw. 125 v; 160 amp. hr. stor. bat. E. S. B. 125 v; d. c. day & nt. ltg. & mo. cir. 110 v; 35 hp. (oil) e. I. H. C.
C D G L §85

**TUCUMCARI**, 2,526—The Tucumcari Lt. & Pwr. Co. Cap. outstg. $60,000; bds. $12,000.
Pres. A. E. Bent.............Denver, Colo.
V. Pres. E. I. Bent......... " "
Sec. Treas. & Mgr.
Fred C. Sickles...............Tucumcari
Engr. Pwr. Sta. F. J. Spuhler.. "
2 a. c. G. E. tot. 287 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 350 hp. e. Murray, H. & B; 200 hp. b. Murray.
City cont. 35 Mazdas series 80 c. p. $30 per yr; 5 Mazdas mult. 250 w. $72 per yr; all nt; coal $3.
D L S 1 3 ✠ 25

## NEW YORK.

**ADAMS**, 1,650—Adams Elec. Lt. Co.; cap. $20,000; bds. $25,000.
*¶ Pres. Treas. & Mgr. M. B. Steele, Adams
V. Pres. & Sec. J. F. Steele ....... "
Energy purchased from Northern New York Utilities, Inc.; 3 transf. G. E. 250 hp; 1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 150 hp. e. Ames; 125 hp. turb. (wtr.) Camden; 200 hp. b. Manning.
City cont. 30 tung. clusters; 35 Mazdas series 100 c. p; 1 A. M. (Co. also lts. Adams Center.)
D L S 1 3 ✠ 125

**ADDISON**, 2,004—Addison Elec. Lt. & Pwr. Co.
Pres. C. A. Champlin.....Hammondsport
V. Pres. W. P. Shanley.........Cohocton
*¶Sec. & Mgr. L. P. Zimmer.....Addison
Treas. J. S. Hubbs.........Hammondsport
Engr. Pwr. Sta. Max L. Russ......Addison
2 a. c. West., Allis-C. tot. 135 kw. 1000 v. s. ph. 60 cys; a. c. nt. ltg cir; 104 v. 210 hp. e. (gas) West.; 100 hp. gas pro. Wood.
City cont. 36 arcs 600 w. $75 per yr; all nt; gas 36 cts; coal $4.
G L 1 74

**AKRON**, 1,677—Munic. Elec. Lt. Plant.
Pres. Ed. Shields.....................Akron
*Clerk, Frank Perry ............... "
Supt. H. C. Lewis.................. "
1 d. c. arc Ft. W. 75 lt; 58 d. c. series arcs 6.5 amps; no day cir; 60 hp. e. (Gas) Farrar & Trefts.
C G L ★125

**ALBANY**, 100,253—Munic. Gas Co. (Elec. Dept.) Office, 71 Trinity Pl.; cap. $2,000,000.
Pres. N. F. Brady........ } 112 State St.,
V. Pres. & Gen. Mgr. } Albany
C. H. Graf.................. "
Sec. & Treas. W. G. Furlong "
*Gen. Mgr. Elec. Lt. Dept. } 71 Trinity Pl.,
A. Anderson............ } Albany
Ch. Engr. J. Dennin........ "
Purchases energy from Adirondack Elec. Pwr. Corpn., Watervliet; 11,000 v. 3 ph. 40 cys; 8000 kw. transf. G. E., West; 1000 kw. rot. conv. Stan, West; 13 West. & 7 G. E. rectifiers tot. 1275 lt; 4 a.c. West., Stan. tot. 2500 kw. 2100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 40 cys; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 500 v; 3500 hp. e. K. & K, Allis-C; 550 hp. b. Stir.
City cont. 1200 arcs magn. 4 amp. $82.15; 65 Mazdas 40 c. p. $20 per yr; all nt; slack $3. (Also lts. Menands, Delmar, Slingerlands and Selkirk.)
C D L S 2 3 125

**ALBION**, 5,016—A. L. Swett Elec. Lt. & Pwr. Co. See Medina.
Local Supt. Jesse Eggleston.......Albion
3 transf. G.E. tot. 900 kw. 11,000-2300 v; 2 rect. West. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 25 cys.
City cont. 87 arcs magn. 4 amp. $70 per yr; 10 series Mazdas 32 c. p. $24 per yr; all nt.
D L 1 3 125

**ALEXANDRIA BAY**, 1,899—St. Lawrence International Elec. R. R. & Land Co.; cap. $250,000; bds. $200,000.
Pres. Jacob Amos.................Syracuse
V. Pres. & Treas.
B. B. Taggert..............Watertown
Sec. F. M. Hugo............... "
Audr. B. M. Martin......Alexandria Bay
*¶Mgr. H. D. Martin...... " "
Engr. Pwr. Sta. S. Locke. " "
2 d. c. pwr. C. W. tot. 300 kw. 550 v; 2 a.c. G. E. tot. 420 kw. 2300-110 v. s. ph. 133 cys; no day cir; 300 hp. e. W. C. Watertn; 550 hp. b. Bab. & W.
City cont. 55 tung. 250 w. $45 per yr; 3 mos. all nt. & 9 mos. 1 A. M; coal $3.85. (Co. also lts. St. Lawrence Park, Point Vivian, Belle Isle, Edgewood Park and Rosette Island.) (Contemplates supplementing steam plant with oil engines for low load requirements.)
C R S 1 65d

**ALLEGANY**, 1,286—Olean Elec. Lt. & Pwr. Co. See Olean.

**AMITYVILLE**, 2,517—Long Island Ltg. Co. For executive officers, see New York City.
Supt. F. E. Lush...............Amityville
4 a. c. West. tot. 347 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 350 hp. e. Am, Ball; 300 hp. b. McE.
City cont. 122 incs. series 32 c. p. $20 per yr; all nt; coal.
D L S 1 3 25

**AMSTERDAM**, 34,333—Edison Elec. Lt. & Pwr. Co. (Stock owned by Fonda, Johnstown & Gloversville R. R. Co.); cap. auth. & pd. in $23,000.
Pres. Wm. Harris................Northville
V. Pres Z. B. Whitney.......Gloversville
V. Pres. (in charge operation)
W. H. Collins .............. "
Sec. & Audr. Geo. A. Harris. "
Treas. L. K. Brown........... "
*Mgr. C. T. Alden..............Amsterdam
¶ Pur. Agt. L. A. Hall........Gloversville
Supt. T. H. Pettingill.........Amsterdam
Energy from F. J. & G. R. R. Co. 2080-230-115 v. 60 cys: a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 5 frequency changers G. E. tot. 4130 kw.
City cont. 331 arcs G.E. series 7.5 amp. $55 per yr; 77 G. E. Mazdas 100 & 250 w. $25 & $40 per yr; all nt. Village of Ft. Johnson 63 G. E. Mazdas 32 c. p. on meter at 7½ cts. net. (Co. also lts. Ft. Hunter and Tribes Hill.)
D L 3 ✠ 125

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Adirondack Elec. Power Corpn. See Glens Falls.
Supt. C. O. Wilson..............Amsterdam
Energy from Spier Falls trans. 30,000 v. and from Scoharie Falls trans. 12.000 v; 6 G. E. transf. step down 6500 kw; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 254-550 v. 3 ph. 40 cys.
D L 3 16

**ANTWERP,** 974—Antwerp Lt. & Pwr. Co.; cap. $43,000.
*Pres. & Mgr. Jos. A. Baumert..Antwerp
V. Pres. Peter Campbell........ “
Treas. H. M. Baumert........... “
1 a. c. West. 150 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 200 hp. turb. Smith; also purchases energy.
City cont. 94 Mazdas 40 c. p. $14 per yr; moonlt. (Co. also lts. Spragueville; contemplates erection of line to Oxford.)
D L W 2 ✢ 115w

**ARCADE,** 1,294—Munic. Elec. Lt. Plant.
*Pres. Bd. W. M. Pinney..........Arcade
Treas. D. C. Bentley................ “
¶Pur. Agt. Village Clerk........... “
Engrs. Pwr. Sta. } Newell Dawley........ “
Earl Jones............. “
2 a. c. West. tot. 175 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 283 hp. e. Skinr, McE; 275 hp. b. Dillon, Titusville.
City cont. 186 tung. type “C” 60 c. p; moonlt; coal $1.40.
D L S 2 ✢ ★125

**ATHENS,** 1,956 — Upper Hudson Elec. Co. See Catskill.

Sayre Elec. Co. See Sayre, Pa.

**ATTICA,** 1,869—Attica Water, Gas & Elec. Co.; cap. issued $50,000.
Pres. Thomas A. Sullivan..........Buffalo
Sec. & Audr. A. J. Levis.......... “
Treas. Edw. McM. Mills.......... “
*¶Mgr. R. W. Harris.............Attica
Cont. Agt. J. C. Williams.......... “
Ch. Engr. Chas. Roth............ “
Engr. Pwr. Sta. Warren White..... “
2 a. c. West. tot. 100 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. & 2 ph. 60 cys; 165 hp. e. (gas) West.
City cont. 28 arcs d. c. 6.6 amp. $60 per yr; 40 tung. 50 w. $24 per yr; all nt. moonlt; gas.
D G L 1 2 ✢ 16

**AUBURN,** 34,668—Empire Gas & Elec. Co. Offices, Auburn & Geneva. Two gen. stas. in Auburn. (Consolidation of Auburn Lt., Ht. & Pwr. Co., Auburn Gas Co., Citizens Lt. & Pwr. Co. and Auburn Subway & Elec. Co.) (Purchased property of Weedsport Elec. Lt. Co.) (Owns and operates Central New York Gas & Elec. Co., and is in turn controlled by Empire Coke Co., Geneva); cap. $300,000.
Pres. E. H. Palmer................Geneva
V. Pres. H. O. Palmer............ “
Sec. L. C. Hoskins................ “
¶Treas. & Cont. Agt. C. H. Pierce. “
*Gen. Mgr. H. L. Coleman........Auburn
Gen. Supt. L. C. Reynolds........ “
Supt. A. D. Smith................. “
Elec. Coml. Mgr. E. W. Barry.... “
Engr. Pwr. Sta. H. G. Weston..... “
4 a. c. G. E. tot. 2000 kw. 2300 v. 3 ph 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-2300 v; d.c. mo. cir. 500 v; 1000 kw. e. McI. & S; 1000 kw. turb. (stm.) G. E. Curtis; 2000 hp. b. Heine; also stm. htg; also purchases energy from Niagara, Lockport & Ontario Pwr. Co.; 6 transf. G. E. C.-W. tot. 3000 kw; 4 freq. chgrs. G. E. tot. 1500 kw.
City cont. 575 d. c. arcs enc. Brush 6.6 amp. 480 w. $72 per yr; 32 incs. series 60 c. p. $34 per yr; 150 5-lt. posts 60 w; all nt; coal $2.48. (Also operates in Owasco and Weedsport.)
C D H L S 3 ★26

**AURORA,** 493—Aurora Elec. Lt. Co.
*¶Owner, N. L. Zabriskie.........Aurora
Ch. Engr. A. Fritts................ “
1 a. c. W. E. 55 kw. 220 v. s. ph. 60 cys; 5 d. c. G. E. C-W, tot 140 kw. 125 v; a. c. nt. ltg. cir. 110 v; d. c. ltg. cir. 110 v; d. c. mo. cir. 110 v; 200 hp. e. St. Line, Ames; 500 hp. b. Erie City; 65 kw. turb. (stm.) Kerr.
City cont. 35 Mazdas 40 w. $10.29 per yr; 11.15 P. M; coal $2.75.
C L S 1 125

**AUSABLE CHASM,** 300—Northern Adirondack Pwr. Co. See Keeseville.

**AUSABLE FORKS,** 2,500 — Paul Smith's Elec. Lt. & Pwr. & R. R. Co. See Saranac Lake.

Northern Adirondack Pwr. Co. See Keeseville.

**AVOCA,** 1057—Wayne Pwr. Co. See Sodus.

**AVON,** 2,053—Avon Elec. Co.; cap. auth. $18,000.
Pres. Wm. W. Dake............Rochester
¶Sec. Treas. & Mgr. D. M. Lewis...Avon
*Supt. F. M. Rowe.................. “
Purchases energy from Livingston-Niagara Power Co.; trans. volt. 11,000 v; 3 transf. G. E. tot. 150 kva; a.c. day & nt. ltg. cir. 112 v. 25 cys; a.c. mo. cir. 220-110 v. 3 ph. 25 cys.
City cont. 28 Mazdas 350 c. p. $48.64 per yr; 54 Mazdas 40 c.p. $13.71 per yr; 1 A.M.
D L 3 ★125

Livingston-Niagara Pwr. Co.; cap. $43,000; bds. $153,000.
Pres. Merton E. Lewis.........Rochester
V. Pres. Chas. J. Brown....... “
*¶Sec. Treas. & Mgr.
Donald M. Lewis..................Avon
Audr. Matthew A Herron........... “
Supt. Martin P. Coyne............. “
Energy purchased from Niagara, Lockport & Ontario Pwr. Co.; 34 transf. G. E. West. tot 4400 kw; a.c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-2200 v. 3 ph. 25 cys. Sells energy to Avon Elec. Co., Lima-Honeoye Lt. & R. R. Co., Livonia Lt. & Ht. Co., State Agricultural and Industrial School and Scottsville Elec. Lt. & Gas Co.
D N T 3 ★125

**BABYLON,** 2,600—Long Island Ltg. Co. For executive officers see Borough of Manhattan, New York City.
Engr. Pwr. Sta. A. R. Howell....Babylon
3 a. c. G. E. tot. 500 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 220 v; 800 hp. e. Ames, Erie, Ball; 610 hp. b. Bab. & W, Delaney.
City cont. 253 Mazdas 32 c.p. $20 per yr; all nt; coal $3.65. (Also lts. Lindenhurst, Farmingdale and W. Islip.)
D L S 3 ★85W

**BAINBRIDGE,** 1,159—Standard Lt., Ht. & Pwr. Co. See Unadilla.
City cont. 22 enc. arcs 2000 c. p. $70 per yr. 1 A. M.
L 23

**BALDWIN,** 1,021—Nassau Lt. & Pwr. Co. See Mineola.

**BALDWINSVILLE,** 3,099 — Seneca River Pwr. Co. Wtr. pwr. plant in Baldwinsville; cap. $100,000; bds. $100.000.
Pres. Simon B. Storer...........Syracuse
V. Pres. E. M. White.............Phoenix
Sec. & Treas. Geo. W. Pulver. Baldwinsville
*Supt. J. R. McIntyre...... “
3 a. c. West. tot. 420 kw. 2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. & mo. cir; 250 hp. wtr. wh: also buys Niagara pwr.
City cont. 150 tung. 250 c. p. $35 per yr; all nt. (Also lts. Phoenix.)
D L W 3 ✢ ★125

**BALLSTON LAKE,** 125—Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 60 cys.

D L 1 16

**BALLSTON SPA,** 4,138—Adirondack Elec. Power Corpn. For executive officers, see Glens Falls.

Supt. John Ryan..............Glens Falls

Energy from Ballston sub-sta. 30,000 v; 3 transf. step down 1200 kw; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 220-550 v. 3 ph. 60 cys.

City cont. 254 incs. series 1.7 amp. $15 per yr; 11 Mazdas 400 w. $75 per yr; all nt.

D L 3 16

**BARKER,** 441—A. L. Swett Elec. Lt. & Pwr. Co. See Medina.

3 transf. G. E. tot. 150 kw. 11,000-2300 v; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 22 Mazdas 60 c. p. $30 per yr. all nt; trans. to Somerset.

D L 3 125

**BATAVIA,** 11,613—Munic. Elec. Lt. Plant; cost $23,000.

Mayor, Harvey J. Burkhart ......Batavia
Sec. Ira J. Carmichael............ "
Treas. John C. Pratt............... "
*Supt. F. W. Hart................ "

5 arc mch. tot. 220 lt. 4400 v; 300 hp. e. Fish; 250 hp. b. Keeler.

267 city arcs enc. A. B. & Wood.

C L S ★115†

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Genesee Lt. & Pwr. Co. (Purchased in Dec., 1913, ltg. business of the U. S. Gypsum Co. in Oakfield); cap. $150,000; bds. $37,000.

Pres. & Treas. Walter C. Lewis
94 Equitable Bldg., Boston, Mass.
Sec. Marc Comstock................Buffalo
Cont. Agt. J. F. Thomas.........Batavia
*¶Supt. L. K. Stein................ "
Ch. Engr. T. S. Munsell......... "

Purchases energy from Niagara, Lockport & Ontario Pwr. Co.; trans. 11,000 v. 3 ph. 25 cys; 6 a. c, West. transf. tot. 4000 kw; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 25 cys. (Serves Oakfield; supplies energy to Buffalo & Williamsville St. Ry., and sells in bulk for mining and milling purposes; will install distribution system in Elba.)

D L 3 ✠ 125W

**BATH,** 3,884—Bath Elec. & Gas. Lt. Co; cap. outstg. $100,000; bds. $150,000.

Pres. C. Clothier Jones.........Phila., Pa.
Sec. & Treas. L. H. Rice ...... "
*¶Supt. Frank Nollett.................Bath
Ch. Engr. R. Ormsby................ "

2 rect. West. 100 lt; 2 a. c. West. tot. 195 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v; 350 hp. e. Bab. & W, Payne; 100 hp. turb. Smith; 200 hp. b. Payne.

Coal $2.65.

D L S W 2 ★125

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Munic. Lt. & Pwr. System. Office, Liberty St; bds. $50,000,

*Mgr. L. P. Zimmer....................Bath
Engr. Pwr. Sta. Cameron Cotton.... "

2 a. c. G. E. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 2 Ames engines: 300 hp. b. Ames.

Street lights all nt; coal $2.70.

D L S 1 3 ....... §36

**BAY SHORE,** 2,842—Suffolk Gas & Elec. Co.; cap. $200,000; bds. $200,000.

Pres. H. B. Hubbard..........Bay Shore
*V. Pres. E. L. Phillips, 50 Church St. N.Y.
Treas. R. F. Van Doorn " " "
Mgr. A. H. Vail..................Bay Shore

Energy from Long Island Ltg. Co.; 3 transf. G. E. 225 kw; 2 a. c. G. E, West. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v; 450 hp. e. Erie, Sknr; 500 hp. b. Heine.

City cont. 16 series arcs flame $110 per yr; 419 tung. 25 c. p. $18 per yr; all nt; coal $3.45. (Co. also lts. Brightwaters.)

D L S 3 ✠ ★125†

**BEACON,** 10,629—Southern Dutchess Gas & Elec. Co.; cap. $15,000; bds. $50,000.

*¶Pres. Treas. & Gen. Mgr.
John T. Smith.....................Beacon
V. Pres. C. H. Watson
585 Broadway, New York
Elec. Supt. J. J. Donnelly .........Beacon

— d. c. G. E. 400 kw. 550 v; 4 a. c. G. E. tot. 800 kw. 2300-220 v. 2 ph 60 cys; a. c. day cir. 110 v; d. c. day cir. 550 v; pwr. cir. 2300-550 v; 800 hp. e. Fishkl; 400 hp. turb. (wtr.) Hunt; 800 hp. b. Hurley, Taylor & Aultm, McE.

City cont. 41 arcs enc. $75 per yr; 428 tung. 25 c. p. $16 per yr; all nt; coal $3.30. (Co. also lts. Glenham.)

C D L S W 2 ✠ ★125†

***BELFORT**, 100—Wetmore Elec. Co. See Lowville.

**BELMONT,** 1,094—Chasm Pwr. Co. See Chateaugay.

**BEMUS POINT,** 300—Western New York Elec. Co. See Jamestown.

City cont. 36 incs. 40 c. p. $12 per yr.

L 25

**BERGEN,** 637—Munic. Elec. Lt. Plant; bds. $6,000; cost $6,000.

Chmn. E. L. Fisher.................Bergen
*Clerk Mark Heath............... "
Vil. Treas. H. L. Carpenter...... "
Ch. Engr. B. S. Parish............ "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co; a. c. day & nt. ltg. cir. 110 v.

City cont. 70 tung. 40 c. p. 4 amp. $10 per yr.

D L ★16

**BERLIN,** 800—Berlin Elec. Lt., Ht. & Pwr. Co.; cap. outstg. $18,400; no bds.

Pres. W. J. Cowee...................Berlin
V. Pres. Fannie T. Cowee......... "
Sec. & Treas. C. H. Cowee......... "
*Mgr. Chas. S. Gutermuth.......... "
Engrs. E. D. Mattison.......... "
Pwr. Sta. Herbert Bacon.......... "

1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 150 hp. wtr. wh. Pelton.

City cont. 96 Mazdas 25 c. p. $10 per yr; all nt. (Co. also lts. Petersburg.)

D L W 3 ✠ 125

**BINGHAMTON,** 53,668—Binghamton Lt., Ht., & Pwr. Co., 172 Washington St. (Under management of W. S. Barstow & Co., New York) cap. $650,000; bds. $500,000.

Pres. W. S. Barstow......New York City
*V. Pres. & Mgr. S. H. Dalley. Binghamton
Sec. A. B. Cheadle........New York City
¶ Treas. & Audr.
Chas. R. Butler..................Binghamton
Cont. Agt. S. W. Murray.... "
Supt. Ovhd. Distrbn.
P. J. F. Sullivan........... "
Engr. Pwr. Sta. George H. Ives "

4 a. c. G. E. Allis-C. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 150 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 835 hp. e. Penn, Erie; 3000 kw. stm. turb. Allis-C. G. E; 1460 hp. b. Stir.

City cont. 150 nitro. lamps 400 & 600 c. p. 6.6 amp. $55 & $60 per yr; 1392 nitro. incs. 100 c. p. 6.6 amp. $16 per yr; all nt; coal $2.66. (Also lts. Johnson City, Conklin, Fenton, Dickinson and Port Dickinson.)

D L S 1 3 ★16

**BLACK RIVER,** 916—Northern New York Utilities Co. (Hydro-elec. pwr. plant.) See Watertown.
City cont. 43 incs. 16 c. p. $6 per yr.
L W 35

**BOLTON LANDING,** 250—Bolton Lt. & Pwr. Co.; cap. outstg. $15,050; bds. $10,000.
*Mgr. Henry C. Knoblauch Bolton Landing
Purchases energy from Hudson Valley Ry. Co.; 2 transf. West. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 40 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 40 cys.
City cont. 95 tung. 32 c. p. 4 amp. $20 per yr; all nt. (Also lts. Bolton.)
D L 1 125

**BOONVILLE,** 1,794—Munic. Elec. Lt. Plant; bds. issued $32,400.
Pres. G. A. Willard..Boonville
Commrs Jerry Buckley........ "
Lincoln Perry........ "
*Supt. G. O. Bridgman.......... "
2 a. c. G. E. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 200 v; 300 hp. turb. Smith.
66 city arcs G. E. 6.6 amp; 13 Mazdas 150-250 w. $15 per yr. all nt.
D L W 3 125

**BRASHER FALLS,** 600—Milling & Lighting Co; cap. $6,000.
*¶ Mgr. J. M. Babcock.....Brasher Falls
1 a. c. G. E. 30 kw. 1100-110 v. s. ph. — cys; T-H soc; 800 incs; no day cir; 200 hp. turb. Leffel.
City cont. 80 incs. 5 hrs. 16 & 32 c. p. $6 & $10 per yr. (Also lts. Winthrop.)
L W 1 125

**BREWSTER,** 1,296—See Croton Falls.

**BRIDEHAMPTON,** 1,394—Suffolk Lt. Ht. & Pwr. Co. See Southampton.
City cont. 46 tung. $18 per yr.
L 74

**BROADALBIN,** 950—Broadalbin Elec. Lt. & Pwr Co; cap. $50,000; bds. $33,000.
Pres. Wm. Pierson Judson.....Broadalbin
Sec. & Treas. Harry C. Finch.. "
*Mgr. Thos. W. Drought...... "
Purchases energy from Mohawk Hydro-Elec. Co. through Fulton County Gas & Elec. Co.; trans. 6600 v. 3 ph. 60 cys; 10 transf. G. E. West. tot. 730 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys.
City cont. 165 Mazdas 40 w. $12 per yr; 5 hrs. (Co. also lts. Northville, Cranberry Creek, Mayfield, Vails Mills, Riceville, Sacandaga and Woods Hollow.)
D L 1 2 3 ✠ 25

**BROCKPORT,** 3,579—A. L. Swett Elec. Lt. & Pwr. Co. See Medina.
Local Supt. A. C. Brown......Brockport
3 transf. G. E. tot. 600 kw. 11,000-2300 v; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 25 cys; 2 rect. G. E. tot. 100 lt.
City cont. 40 arcs magn. 4 amp. $70 per yr; 78 Mazdas 32 c. p. (43), 60 c. p. (35), $24 & $30 per yr; 12 series Mazdas 250 c. p. $47 per yr; all nt.
D L 1 3 125

**BROCTON,** 1,181—Munic. Electric Lt. Plant: cost $17,500; bds. outstg. $5,625.
Village Pres. C. F. Crandall ......Brocton
Clerk, H. M. Fleming............ "
*Supt. & Engr. Pwr. Sta.
Geo. Ferguson.................. "
1 a. c. West. 60 kw. 2200 v. s. ph; 125 hp. e. U. I. Wks; 250 hp. b. Erie, F. M. & Co.
120 city incs. tung. 40 w. $10 per yr; 1 A. M. moonlt; coal.
L S 1 25

**BRONXVILLE,** 1,863 — Westchester Ltg. Co. See Mt. Vernon.

**BUFFALO,** 423,715—Buffalo Gen. Elec. Co. Office, Elec. Bldg. (In August, 1915, purchased the property of the Cataract Pwr. & Conduit Co.) (Owns Niagara Elec. Service Corpn., Niagara Falls); cap. outstdg. $4,426,000; bds. $7,059,000.
Pres. & Gen. Mgr. C. R. Huntley..Buffalo
V. Pres. Geo. Urban, Jr............ "
Sec. Walter P. Cooke............. "
Treas. Horace L. Mann............ "
¶ Pur. Agt. H. S. Hilliker......... "
Cont. Agt. F. A. Coupal........... "
*Gen. Supt. P. F. Sellers......... "
Supt. Ovhd. Distrbn. A. B. Gunn. "
Elecl. Engr. H. B. Alverson....... "
Supt. of Stations, R. M. Emblidge "
Purchases energy from Niagara Falls Pwr. Co. at 22,000 v. 3 ph. 25 cys; 27 transf. G. E. West. tot. 7200 kw; 14 rot. conv. G. E. tot. 7400 kw; 38 mo. gen. G. E. tot. 3070 kw; 11 freq. chgrs. G. E. tot. 5880 kw; 24 rectifiers G. E. tot. 600 kw; a. c. day & nt. ltg. cir. 104-110 v; d. c. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 25 & 60 cys; d. c. mo. cir. 220 & 500 v; 10,500 amp.-hr. stor. bat. E. S. B. 220 v.
City cont: (underground) 643 arcs d. c. inv. magn. 6.6 amp. $75 per yr; 147 arcs d. c. inv. magn. 4 amp. $69 per yr; 255 arcs d. c. enc. 6.6 amp. $69 per yr; (overhead) 2790 d. c. arcs enc. 6.6 amp. $50 per yr; 1140 d. c. arcs magn. 4 amp. $50 per yr; all nt. (Also lts. Lackawanna, Cheektowago, Kenmore, Amherst, Williamsville and Blasdell.)
C D L 1 3 ★16

Niagara, Lockport & Ontario Pwr. Co. Office, Marine National Bank Bldg.; cap. auth. $10,000,000, issued $5,930,000; bds. $5,000,000.
Pres Fred D. Corey..............Buffalo
V. Pres. Langdon Albright....... "
Sec. & Asst. Treas. H. E. Nichols. "
Treas. Robert C. Board........... "
*Gen. Mgr. S. Piek.............. "
Ch. Elec. Engr. L. C. Nicholson.. "
Energy purchased, 60,000 v. 3 ph. 25 cys. (Co. has 405.49 miles 60,000 v. & 3.88 miles 11,000 v. trans. lines; also leases hydro-electric plant and lines of Salmon River Pwr. Co. (Orwell), cap. 35,000 hp. — 41.17 miles of 60,000 v. trans. lines and 12 miles of 6600 v: also pwr. plant of the Northern New York Pwr. Corpn. at Minetto, cap. 13,200 hp. and stm. plant at Lyons, cap. 12,000 hp; sells energy in bulk.)
T 3 ★16

Salmon River Pwr. Co. Office, Marine Bk. Bldg: pwr. plant, Orwell (Leased to Niagara, Lockport & Ontario Pwr. Co.); cap. $700,000; bds. $3,315,000.
Pres. F. D. Corey..................Buffalo
V. Pres. Langdon Albright....... "
Sec. H. E. Nichols.................. "
¶ Treas. H. L. Mather............... "
Gen. Mgr. S. Piek.................... "
Engr. Pwr. Sta. H. B. Davis ....... "
4 a. c. W. E. tot. 31,680 kva. 6600 v. 3 ph. 25 cys; 32,000 hp. wtr. wh. W. S. M; transmn volt. 60,000 v. 3 ph. 25 cys.
Owns 41.17 miles of 60,000 v. trans. lines and 12.23 miles of 6600 v. trans. lines.
T W 3 16

**BURNT HILLS,** 130—Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 60 cys.
D L 1 16

**CALLICOON,** 290 — Callicoon Independent Elec. Co., Inc; cap. $1800. (Pwr. Sta. at Hortonville, 1½ miles from Callicoon).
*Sec., Treas. & Mgr., F. Geo. Cook Callicoon
1 a. c. G. E. 94.3 kva. 2300 v. s. ph. 60

cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. s. ph. 60 cys; 125 hp. e. Erie; 150 hp. b. Penn.

Coal $3. (Also lts. North Branch).

L S 1 125

**CAMBRIDGE,** 1,528 — Consolidated Elec. Co. See Greenwich.

**CAMDEN,** 2,170—Munic. Ltg. Plant; cost $60,000; bds. $43,600.

Elec-Lt. Com. *Pres. A. C. Phelps......Camden
Sec. Chas. E. Hendley... “
Treas. A. H. Smith................ “
Supt. Ovhd. Distrbn.
H. J. Saunders “
Engr. Pwr. Sta. Horace McDaniels “

2 a. c. West. Ft. W. tot. 290 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; 395 hp. e. (oil) Busch-Diesel.

74 city arcs 2000 c. p. $50 per yr; all nt; oil 4 cts.

G L 2 ★16

**CANAJOHARIE,** 2,273—Montgomery Elec. Lt. & Pwr. Co; cap. $80,000.

Pres. Bartlett Arkell..........Canajoharie
*Treas. Mgr. & Cont. Agt.
W. J. Roser................ “
V. Pres. W. H. Lipe.......... “
Sec. Frank Barbour.......... “
Supt. A. B. Cairns........... “

Purchases energy from East Creek Elec. Lt. & Pwr. Co; 4 transf. G. E. West. tot. 440 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 2 ph.

City cont. 80 incs series 60-80-100-200 c. p. $15, $20, $25, $50 per yr; all nt. (Also lts. Palatine Bridge, Ames, Cherry Valley and Sharon Springs.)

D L 1 2 ✠ 125

**CANANDAIGUA,** 7,217—Ontario Lt. & Trac. Co; Office, 34 Clinton Ave., No. Rochester; cap. $100,000; bds. $189,000.

Pres. Horace E. Andrews.....New York
V. Prests. Wm. K. Vanderbilt, Jr. “
Granger A. Hollister. Rochester
R. M. Searle....... “
Sec. Joseph C. Collins. ....... “
Treas. Milton S. Barger....... “
Asst. Treas. Chas. A. Tucker...Rochester
*Gen. Mgr. J. T. Hutchings.... “
¶ Supt. V. A. Miller........Canandaigua

1 a. c. Westg, 185 kw. 2300-104 v. 3 ph. 60 cys; 3 rect. G. E. 50 lts; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 325 hp. turb. (wtr.) Smith; trans. 6600 v. 3 ph. 60 cys; energy also from Rochester Ry. & Lt. Co.

City cont. 135 enc. magn. arcs 288 w. $65 per yr; 1 inc 40 c. p. $18 per yr; 5 incs. 200 c.p. $42 per yr; all nt. (Co. also lts. Shortsville. Chapin, Hopewell and Manchester.)

D R S W 3 75

**CANASTOTA,** 3,247—Adirondack Elec. Pwr. Corp. See Glens Falls.

Energy from Oneida; 3 transf. G. E. tot. 225 kw; a. c. day & nt. ltg. cir. 127 v; a. c. mo. cir. 220 v. 2 ph. 40 cys.

D L 2 16

**CANTON,** 2,701 — Canton Elec. Lt. & Pwr. Co.; cap. $38,000; bds. $7,000.

Pres. & Treas. J. E. Johnson.....Canton
V. Pres. W. N. Beard.............. “
Sec. J. W. McGaughey............ “
*Supt. Jacob Alguise .......... .. “

Energy from Northern Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 42 arcs 6.6 amp. $55 per yr; 1:30 A. M; 61 series incs. 50 c. p. $22.50 per yr; all nt.

D L 3 ✠ 125

**CAPE VINCENT,** 1,155 — Northern New York Utilities Co., Inc. See Watertown.

1 a. c. West. 34 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. Watrn; 250 hp. b. Watrn.

35 city arcs 1000 c.p. & 22 incs. 16 c. p. tot. $2,000 per yr; 1 A.M. moonlt; coal $3. (Transf. sta. will be erected and 24-hr. service established.)

L S 1 ✠ 75

**CARMAN,** 500—Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. & 3 ph. 60 cys.

D L 1 3 16

**CARTHAGE,** 3,563 — Northern New York Utilities, Inc. (Hydro-elec. pwr. plant at Effley Falls.) See Watertown.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2080-440-220 v. 2 ph. 60 cys.

City cont. 64 arcs G. E. 6.6 amp. $60 per yr; 133 Mazdas 6.6 amp. $14 per yr; all nt. (Also lts. West Carthage, 1 A. M.)

D L W ✠ 35

**CASTILE,** 1,040—Munic. Electric Plant; cost $15,000; bds. $6,000.

Pres. A. W. Davis.....................Castile
Sec. Geo. C. Smith.................. “
Treas. Chas. A. Van Arsdale....... “
*¶Mgr. Cont. Agt. & Supt.
Le Roy Miller..................... “
Engrs. Pwr. Sta. A. J. Brookins...... “
R. S. Keeney........ “

2 a.c. G. E, W. E. tot. 97½ kw. 2200 v. s. ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph; 200 hp. e. Skinr; 200 hp. b. U. I. Wks.

25 city arcs G. E. series 6.6 amp; 21 Mazdas 100 c.p; 4 4-lt. clusters Mazdas 100 c. p; tot. $1,500 per yr; mdnt; coal $2.50.

D L S 1 125

**CASTLETON,** 1,396 — Schodack Lt. & Pwr. Corpn.; cap. outstdg. $10,000.

Pres. Chas. Van Buren..........Castleton
V. Pres. Jacob Seaman......... “
Sec. O. D. Woodford........... “
*¶Treas., Mgr. & Gen. Supt.
L. M. Lansing................. “

Energy purchased from A. C. Cheney Piano Action Co.; trans. volt. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.

City cont. 77 series incs. 32 c. p; all nt. (Also does some ltg. in Schodack.)

D L 3 125

**CATSKILL,** 5,296--Upper Hudson Elec. & R. R. Co.; cap. $150,000; bds. (to be issued) $500,000.

Pres. E. A. Stevens .......Hoboken, N.J.
V. Pres. Cyrus Showers......Tannersville
Sec. Fred. W. Titus ..... ........Athens
*Treas. & Gen. Mgr. J. M. Sheehan, Catskill

9 a. c. G. E. West. tot. 2450 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Sprague, 150 kw. 500 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v; 1600 hp. e. Allis-C, B. & W. McI. & S. Fitch; 500 kw. stm. turb. G. E; 1800 hp. b. Bab. & W, McE; 1200 hp. turb. (wtr.) Holyoke; 16 transf. G. E, West. tot. 2850 kw.

City cont. 70 arcs 425 w. $65 per yr; 535 Mazdas 40 c. p. $18.90 per yr; dark hrs; coal $3.35. (Co. also lts. Coxsackie, Athens, Ravena, Coeymans, Cairo, Palenville, Haines Falls, Tannersville and Hunter.)

C D R W 3 ✠ 74

**CATTARAUGUS,** 1,165—Cattaraugus Elec. Lt. & Pwr. Co.; cap. $12,000; no bds.

Pres. & Gen. Supt.
A. J. Setter.................Cattaraugus
V. Pres. J. J. McCarthy...... “
*¶Sec. Treas. & Mgr.
H. C. Milks................. “
Engr. Pwr. Sta. Geo. Woodard “

1 a. c. West. 75 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. turb. Leffel; 60 hp. e. (gas) Elyria.

City cont. 85 incs. 100 w. tot. $1250 per yr; moonlt. midnt; gas 30 cts.
G L W 1 ✣ 125

**CAZENOVIA,** 1,861—The Cazenovia Elec. Co.; cap. outstg. $22,000; no bds.
Pres. & Mgr. Henry Burden....Cazenovia
V. Pres. R. S. Brewster
51 Wall St., New York
Sec. & Treas. H. G. Phelps.....Cazenovia
*Supt. & Ch. Engr.
J. L. Chaphe.............. "

2 a. c. West. tot. 100 kw. 2200 v. s. ph. 60 cys; 3 d. c. C. & C. West. tot. 135 kw. 120 v; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 104-208 v. s. ph. 60 cys; d. c. ltg. & mo. cir. 120 v; 325 hp. e. Ames, Murray; 94 hp. turb. (wtr.) Platt; 210 hp. b. Ames.

City cont. 96 Mazdas 100 w. $24 per yr; Freund, moonlt; coal $2.55.
C D L S W 1 125

**CEDARHURST,** 1,200—Queens Borough Gas & Elec. Co. See Borough of Queens, N. Y.

**CENTER MORICHES,** 1,050—Patchogue Elec. Lt. Co. See Patchogue.

**CENTER VILLAGE,** 150 — Afton Windsor Lt. Ht. & Pwr. Co., Inc.; cap. $50,000; bds. $95,000.
Pres. C. F. Wright.....Susquehanna, Pa.
*¶V. Pres. & Mgr.
W. E. Bennett..........Lanesboro, Pa.
Sec. Frank J. Mangan.........Binghamton
Treas. F. Miller Wright. Susquehanna. Pa.

1 a. c. West. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 300 hp. e. Cor; 300 hp. b. Keeler; 400 hp. wtr. wheel ——.

City cont. tung. 80 c. p. $20 per yr; all nt; coal $3.15. (Also lts. Afton, Windsor, Ninevah and Harpursville.)
D L S W 3 125

**CHAMPLAIN,** 1,280—Champlain Elec. Co.; cap. $15,000; bds. $7,500.
Pres. J. P. Kellas.....................Malone
Sec. L. M. Kellas...................... "
*¶Treas. & Mgr. F. J. Clark...Champlain
Engr. Pwr. Sta. Orville Engel "

1 a. c. West. 75 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110-104 v 60 cys; 60 hp. e. —; 100 hp. turb. wtr. McCormick.

City cont. 84 incs. 40 c. p. $9 per yr; 10 cts. per kw; 1 A. M.
L S W 2 ✣ 25

**CHARLOTTE,** 1,938—Munic. Lt. & Wtr. Wks.; cost $75,000; bds. $33,500.
Pres. Bd. Chas. L. Hannahs....Charlotte
V. Pres. S. T. Jones............ "
Sec. Wm. E. Hogan .............. "
Treas. Wm. H. Demise .......... "
*Supt. D. J. Kerr................ "

Energy purchased from Rochester Ry. & Lt. Co.

62 city arcs 6.6 amp. $60 per yr; 22 incs. $18 per yr; all nt.
L X 25

**CHATEAUGAY,** 1,750 — Chasm Pwr. Co.: cap. $33,600; bds. $20,000; cost $75,000.
Pres. J. S. Van Vechten.....Chateaugay
*¶V. Pres. Mgr. & Cont. Agt.
W. T. Thayer................ "
Sec. R. R. Humphrey.......... "
Treas. E. S. Duffy............ "
Engr. Pwr. Sta. Fred. Grundry "

3 a. c. Westg, G. E tot. 783 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1200 hp. turb. Risdon, Alcott.

City cont. 2 arcs A. B. 500 c. p. $60 per yr; 80 incs. 5.5 amp. $10 per yr; all nt. (Also serves Burke, Malone, Belmont, Brainardsville & Earlville.)
D L W 3 ✣ 125

**CHATHAM,** 2,251—Chatham Elec. Lt. Ht. & Pwr. Co.; cap. $27,500; bds. $25,000.
*Pres., Sec., Treas. & Mgr.
John D. Mickle..................Chatham
V. Pres. W. E. Mahar............ "

2 a. c. C. W. G. E. tot. 390 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 545 hp. e. Skinr. Ball.; 160 hp. turb. Trump; 400 hp. b. Ames.

City cont. 163 incs. 6.6 amp. $15.60 per yr; all nt; coal $4. (Co. also lts. Ghent, Mellenville, Hillsdale, Craryville, Mardindale and Philmont.)
D L S W 2 ✣ 16

**CHAUMONT,** 708 – Northern New York Utilities, Inc. For executive officers, see Waterman.
Mgr. C. N. Arnold...............Chaumont

1 d. c. Stir. 15 kw. 110 v; 75 hp. e. Ames; 70 hp. b. Ames.

City cont. 35 incs. 32 c. p. tot. $700 per yr; mdnt; coal $2.75 to $3.
C L S ✣ ★125w

**CHELSEA,** 249—Garner Print Wks. & Bleachery. See Wappingers Falls.
City cont. 20 incs. 40 c. p; all nt.
L 125

**CHESTER,** 1,210—Orange & Rockland Elec. Co. See Monroe.

**CHESTERTOWN,** 800—W. H. Faxon Elec. Lt. Plant.
*Owner & Mgr. W. H. Faxon. Chestertown
L 23

**CLAYTON,** 1,941—Northern New York Utilities, Inc. For executive officers, see Watertown.
Engr. Pwr. Sta. Fred. LaTart....Clayton

1 d. c. arc Wood 50 lt; 1 d. c. G. E. 70 kw; no day cir; 200 hp. e. Atlas, Ft. W; 400 hp. gas pro. Tait.

City cont. 28 arcs 2000 c. p. $90 per yr; 25 series Tung. $30 per yr; moonlt; mdnt; coal.
C G L S ✣ ★125

**CLIFTON PARK,** 117 — Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 60 cys.
D L 1 16

**CLIFTON SPRINGS,** 1,600 — Munic. Lt. Plant; cost $20,000.
Mgrs. Bd. of Trustees....Clifton Springs
*Pres. D. F. Sommers.... "
¶ Supt. G. A. Durkee..... "
Engr. Pwr. Sta. Fred. C. Ford "
Asst. Engr. Pwr. Sta.
D. Sawyer................. "

2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Skinr; 250 hp. b. Vance.

50 city arcs 2000 c. p. $40 per yr; 2800 incs; moonlt; coal.
D L S 3 103

**CLINTON,** 1,236 — Munic. Elec. Lt. Plant; cost $7,000; bds. $3,150.
Comn. { Pres. Geo. R. Taylor.....Clinton
Herbert R. Peckham..... "
John Burdick............ "
*Clerk, W. H. Brockway......... "
Treas. B. M. Libbey............... "

Purchases energy from Chas. A. Borst; 2400 v. 2 ph. 60 cys; day & nt. cir.

29 city arcs $35 per yr; 17 incs. 32 c. p. $15 per yr; all nt.
D L 2 125

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*Charles Austin Borst Elec. Plant; cost $20,000.

2 a. c. Allis-C. West. tot. 150 kw. 2300 v. 2 ph. 60 cys: day & nt. cir; 350 hp. e. Allis-C, Erie, Ball; 380 hp. b. Fitzg., Erie.

Coal. (Sells energy in bulk to city and College Hill Elec. Lt. Co.)
S T 2 125

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College Hill Elec. Lt. Co.; cap. $5,000.
*¶Pres. & Mgr. Saml. J. Saunders..Clinton
V. Pres. Jos. Rudd................ "
Sec. Miss Coughlin...................Utica
Treas. Chas. B. Rogers............... "

Purchases energy from Chas. A. Borst. 2400 v. 2 ph. 60 cys.
L 2 75

**CLYDE,** 2,695—Central New York Gas & Elec. Co. For executive officers, see Geneva.
Supt. H. W. Perry....................Clyde

2 transf. G. E. tot. 75 kw. 6600-220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 160 incs. series 60 c. p. $20 per yr. 1 A. M. & 12 incs. series 60 c. p. $24 per yr. all nt.
D L 3 26

**CLYMER,** 600—Tenpas Iron Wks.
*Owner, G. H. Tenpas.............Clymer

1 a. c. G. E. 30 kw. 240 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 85 hp. e.; 100 hp. b. Erie City. Also stm. htg.

City cont. 47 incs. "C" 60 c. p. $15 per yr. moonlt; coal.
D H L S 1 3 ✠ §125

**COBLESKILL,** 2,088 — The Courter Elec. Co.; cap. $15,000; no bds.
Pres. Chas. H. Holmes.........Cobleskill
*Sec., Treas. & Mgr. C. H. Borst "
Engr. Pwr. Sta. Leonard Cooper "

Reserve plant: 2 a.c. Ft. W. tot. 150 kw. 2300 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 135 hp. e. Fitch; 250 hp. b. Sterns, Dillon. Purchases energy from Mohawk Hydro-Elec. Co.

City cont. 116 Tung. 75 w. $25 per yr; all nt; coal $3.
D L S 2 ✠ 16

**COEYMANS,** 1,200—Atlantic Lt. & Pwr. Co; cap. $25,000; no bds.
¶ Pres., Mgr. & Cont. Agt.
John N. Briggs...............Coeymans
1st V. Pres. Arthur Hartt..........Ravena
2d V. Pres. Wm. H. Baldwin
New Baltimore
Sec, Stephen W. Mosher.......Coeymans
*Treas. Thos. T. Briggs....... "
Engr. Pwr. Sta. Chas. Ray..... "

4 a. c. C.-W. tot. 430 kw. 2200 v 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 2 ph. 60 cys; 585 hp. e. (oil) Am. Diesel.

City cont. 240 G. E. Mazdas "C" 50 w. $20 per yr; all nt; oil $4.70. (Also lts. Ravena and New Baltimore.)
D G L 1 2 ✠ ★125

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Upper Hudson Elec. Co. See Catskill.

**COHOES,** 24,709—The Cohoes Gas Lt. Co. (Controls Cohoes Elec. Lt. Co.); cap. $200,000; no bds.
Pres. & Treas. Lorenzo Semple
2 Rector St., New York
*Sec. W. P. Parsons..............Cohoes

4 a.c. Stan, West. tot. 1500 kw. 2400-2200-440-220-110 v. s. ph. 60 cys; 8 d. c. arc Ft. W. Jenney, 240 lt; a. c. day cir. 2200 v; 2000 hp. turb. Swain. Hunt.

City cont. 198 arcs 2000 c. p. $75 per yr; all nt. (Co. also lts. Northside.)
D L W 1 16

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Adirondack Elec. Pwr. Corp. See Glens Falls.

**COLD SPRING,** 2,549—Cold Spring Lt. Ht. & Pwr. Co.; cap. $20,000.
Pres. J. G. Southard........Cold Spring
V. Pres. B. W. Wilson...... "
*Sec. Treas. & Mgr.
Gerald V. Grace.................. "

3 d. c. C. & P. West. tot. 135 kw. 250 & 220 v; no day cir; 175 hp. e. Erie, Ball, Fitch; 100 hp. b.

City cont. 70 tung; all nt; coal. (Co. also lts. Nelsonville, 30 Tung. midnt.)
C L S 25

**COLD SPRING HARBOR,** 1,650—Huntington Lt. & Pwr. Co. See Huntington.

**COLTON,** 1,200—Northern Pwr. Co. See Potsdam.

**COOPERSTOWN,** 2,484—Colliers Lt., Ht. & Pwr. Co. (Acquired the Clinton Mills Pwr. Co. and the Richfield Springs Elec. Lt. & Pwr. Co.); cap. $25,000; bds. $135,000.
Pres. Peter C. Schutrum,
37 Wall St., New York
*V. Pres. & Gen. Mgr.
C. L. Stone ................Cooperstown
Sec. Jas. A. Byrne, 14 Wall St., New York
Treas. Jas. L. de Rossett,
37 Wall St., "
Audr. H. R. Skirving.......Cooperstown
Supt. C. S. Stanton.............. "

Energy purchased from Otsego & Herkimer R. R. Co.; — transf. G. E. 515½ kw; 1 frequency changer G. E. 270 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 156 Mazdas 60 & 200 c. p. $22.50 & $45 per yr; all nt. (Co. also lts. Richfield Springs and Milford.)
D L 3 ✠ ★16w

**COPENHAGEN,** 585—Deer River Pwr. Co. See Watertown.

City cont. 75 incs. 32 c. p. $10 per yr; all nt.
L 85

**CORINTH,** 2,166—Corinth Elec. Lt. & Pwr. Co. cap. $25,000; no bds.
Pres. Allen Curtis.................Corinth
V. Pres. Harry Curtis............ "
Sec. & Treas. Warren Curtis, Jr... "
*¶Mgr. & Cont. Agt.
J. M. Smith......................... "

Energy purchased from Warren Curtis Mfg. Co.; 35 transf. G. E; a. c. day & nt. ltg. cir. 110 v. 40 cys; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 40 cys.

City cont. 203 Tung. 40 w. $13.50 per yr; all nt. (Co. also lts. Palmer Falls.)
D L 1 3 ✠ 125

**CORNING,** 13,730—Corning Lt. & Pwr. Corp'n. (Acquired the Corning Gas & Elec. Co.); cap. $400,000; bds. $60,000.
Pres. D. J. Creem..............Brooklyn
V. Prests. { Paul T. Brady.......Syracuse
{ *Gen. Mgr. John H. Doherty
Corning
Sec. & Treas. C. L. Rossiter ....Brooklyn

Purchases energy from Elmira Wtr. Lt. & R. R. Co., 2 transf. Wagner tot. 1200 kw; a.c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 110-220 v s. & 2 ph. 60 cys.

City cont. (Corning) 100 arcs magn. 4 amp. $75 per yr; 120 tung. 125 w. $27.50 per yr; all nt; (Gibson) 15 incs. 60 c. p. $30 per yr; (Centerville) 80 incs. 75 w. $30 per yr; (Painted Post) 52 incs. $28 per yr; coal $2.25. (Co. lts. Corning, Gibson and Centerville and sells energy to Corning & Painted Post St. Ry. Co.)
D L 1 2 ✠ 125

**CORNWALL,** 5,690—Central Hudson Gas & Elec. Co. See Poughkeepsie.

**CORTLAND,** 11,504 — The Cortland County Trac. Co.; Office, 10 Clinton Ave.; cap. auth. $320,000; bds. $605,000.

Pres. Edwin Duffcy............Cortland
V. Pres. D. W. Van Hoesen........ "
¶ Sec. H. A. Dickenson............ "
*Treas. & Mgr. G. H. Garrison ... "

4 a. c. G. E. tot. 1000 kw. 2200 v. 2 ph. 60 cys; 3 d. c. G. E. tot. 400 kw. 600 v. (ry. service); a. c. day & nt. ltg. cir. 122 v. 60 cys; a. c. day & nt. mo. cir. 244 v. 2 ph. 60 cys; 1275 hp. e. Watertown, B. & W; 500 kw. stm. turb. G. E; 1330 hp. b. Bab. & W, Heine, Edge.

City cont. 189 arcs G. E. magn. 4 amp. $69.35 per yr; 27 nitro incs. 6.6 amp; all nt; coal $2.90. (Also lts. McGraw, Preble and Homer.)

C D L S 2 ★125

**COXSACKIE,** 2,494 — Upper Hudson Elec. Co. See Catskill.

**CROTON FALLS,** 427—Elec. Lt. Plant.
Owner, Geo. Juengst & Sons. Croton Falls
*¶Mgr. Geo. Juengst, Jr..... "

5 a. c. G. E. West. tot. 910 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 863 hp. wtr. wh. Smith.

City cont. 256 incs. "C" series 5.5 amp. $15 per yr; all nt; oil. (Also lts. Brewster, Purdy, Somers, Katonah, Yorktown, Lake Mahopac, Baldwin Place, Lincolndale and Goldenbridge.)

D L W 1 3 ✠ 16

**CROTON-ON-HUDSON,** 1,806 – Northern Westchester Ltg. Co. See Ossining.

**DANSVILLE,** 3,938—Dansville Gas & Elec. Co.; cap. outstdg. $79,700; bds. $87,500.
Pres. L. T. Mason..................Hornell
V. Pres. & Treas. C. E. Mason..... "
*Sec. C. MacAvoy.................. "
Supt. C. H. Mason..............Dansville

3 a. c. West, G. E. tot. 390 kw. 1100 v. s. ph. 133 cys; 2 d. c. G. E. tot. 185 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. pwr. cir. 550 v; 525 hp. e. Clark, Nord. Ames; 325 hp. b. McEwen.

City cont. 264 incs. nitro. 600 c. p. (22), 250 c. p. (37) and 60 c. p. (205); coal $2.65.

C D L S 1 ✠ ★16

**DEANSBORO,** 220—Deansboro Elec. Lt. Plant.
*Owner, Fred. L. Nelson.......Deansboro

1 d. c. Mil. 42 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 150 hp. turb. U. S.

City cont. 20 tung. 100 w. $20 per yr; moonlt.

C D L W ✠ 125

**DELHI,** 1,736 – Delaware County Elec. Lt. & Pwr. Co.; cap. $6,500; bds. $25,000.
Pres. Arthur F. Bouton......Rocksbury
*V. Pres. & Mgr. J. W. Hackney... Delhi
Sec. & Treas.
J. Frisbee Bouton............Rocksbury

3 a. c. G. E, tot. 195 kw. 1150 v. s. ph. 60 cys; a. c. nt. ltg. cir. 115 v; 150 hp. e. N. Y. S; 350 hp. b. Ham.

City cont. 33 a. c. series arcs G. E. 6 6 amp. $45 per yr; 13 tung. 6.6 amp. $22.50 per yr; moonlt. mdnt; coal $3.75.

L S 1 ✠ 75

**DEPAUVILLE,** 400—Elec. Lt. Plant.
*Owner & Mgr. F. J. Malton. Depauville

1 d.c. F. M. & Co. 1.8 kw. 115 v; Ed. soc; 2 kw. incs; 3 hp. e. (gasoline) F. M. & Co. Gasoline 14 cts.

C G L 10

**DEPEW,** 3,921—The Depew & Lancaster Lt., Pwr. & Conduit Co. See Lancaster.

**DEPOSIT,** 1,864—The Deposit Elec. Co. Office, 104 Front St.; cap. $74,000; bds. $48,000.
Pres. & Treas. John H. Rogers..Brooklyn
V. Pres. Chas. W. Place.......New York
Sec. Raymond W. Smith..Plainfield, N. J.
Gen. Mgr. Fred. Haverly..........Deposit
Supts. { *Geo. W. Vail........ "
Supts. { W. F. Doyle...........Hancock
Ch. Engr. Walter Wakeman......Deposit
Engrs. Pwr. Sta. { J. H. Bump.......... "
Engrs. Pwr. Sta. { Eugene Kelsey ....... "
Engrs. Pwr. Sta. { Geo. Clark............ "

3 a.c. West. G.E. tot. 450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 350 hp. e. Erie, B & W, Bckye; 450 hp. turb. (wtr.) Trump; 225 hp. b. Erie.

City cont. 104 Mazdas 32 c. p. $15 per yr; 52 Mazdas 200 c. p. $37.50 per yr; 6 Mazdas 350 c. p. $65 per yr; moonlt; coal $3.65. (Co. also lts. Hancock, Oquaga Lake, Stilesville, McClure, Hambletville and Cadosia; contemplates extending line to Cannonsville).

D L S W 1 3 ✠ ★125

**DEXTER,** 1,005—Northern New York Utilities, Inc. See Watertown.

City cont. 60 enc. arcs 18 cts. & 20 cts. per nt.; all nt.

L 35

**DICKENSON CENTER,** 1,500—B. L. Orcutt & Sons, Incorp.
Pres. & Treas. B. L. Orcutt
Dickenson Center
*Sec. & Treas. F. M. Orcutt " "

1 a. c. West. 30 kw. 110 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 75 hp. wtr. wh. Leffel.

L W 2 75

**DOBBS FERRY,** 3,455—Westchester Ltg. Co. See Tarrytown.

**DOLGEVILLE,** 2,685—Utica Gas & Elec. Co. For executive officers, see Utica.
Supt. Fred. Unser............Dolgeville

3 a. c. West. G. E. tot. 1700 kw. 2400 v. 2 ph. 60 cys; trans. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440-220 v; 2200 hp. turb. S. & B. S. V. Hunt.

City cont. 10 arcs 7.5 amp. $75 per yr; 63 incs. 16 c. p. $23 per yr; all nt.

D L W 2 ✠ 23

**DOWNSVILLE,** 471—Holmes Milling Co.
*¶ Mgr. G. W. Holmes.........Downsville

1 a. c. Ft. W. 33 kw. 1100 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 12 amp. 110 v. 133 cys; 30 hp. e. West; 34 hp. turb. (wtr.) Munson.

City ltg. 400 tung. & carbon 25, 40 & 56 c. p. 10 cts. per kw; gasoline.

G W 2 ✠ 125

**DUNDEE,** 1,228 — Dundee Elec. Ltg. Plant.
*¶Owner & Mgr. E. L. Bailey.....Dundee

3 a. c. G. E. tot. 170 kw. 1100-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day mo. cir. 208 v; 230 hp. e. Ideal, Western Payne; 200 hp. b. Lawrence, Heermans; also stm. htg.

City cont. 64 Mazdas 100 w. $28.12½ per yr.; moonlt. all nt; coal $2.20 to $3.45. (Erecting trans. line to Starkey and Seneca Lake.)

D H L S 1 ✠ 16

**DUNKIRK,** 17,221—Munic. Elec. Lt. Plant; cost $19,000.
Pres. Bd. Dr. N. B. Lyon..........Dunkirk
Sec. W. L. Koch ................ "
Treas. W. D. Madigan............ "
Audr. C. C. Jones ............... "
*Supt. W. O. Peck................ "
Ch. Engr. E. M. Haycroft......... "

2 a. c. turbo gen. Allis-C. tot. 1000 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-112 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 2240 hp. b. Atlas, Keeler.

307 city incs. 7.5 amp. 400 c. p; coal $1.99.
D L S 1 3 ★125

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Dunkirk Elec. Mfg. Co.; cap. $100,000.
Pres. & Mgr. A. W. Cummings...Dunkirk
V Pres. C. J. Carney........... "
*Sec. H. T. Litchfield........... "
Treas. John Lechner........... "
Engr. Pwr. Sta. Andrew Deodyn "

2 d. c. W. E. West. tot. 250 kw. 220 v; d. c. mo. cir. 250 v; 400 hp. e. Nordberg (Cor.) St. L; 400 hp. b. McE; also stm. htg.

Coal $2.75. (Also sells energy in bulk to Dunkirk Distribution Co.)
C H S T ✢ 125

**EARLVILLE,** 874—Earlville Elec. Lt. Co.; cap. $10,000; no bds.
*Pres. & Mgr. John R. Parsons. Earlville
V. Pres. Fred M. Parsons....... "
Treas. Ola P. Crandall.......... "

Energy purchased from Parson's Wagon Co.; 1 a. c. Stan. 60 kw. 1100-110 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 100 v.

City cont. 60 Tung. 40 w. tot. $1,000 per yr; mdnt; coal $3.
L 2 ✢ 125

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Chasm Pwr. Co. See Chateaugay.

**EAST AURORA,** 2,781—East Aurora Elec. Lt. Co.; cap. $20,000; bds. $15,000.
Pres. B. F. Webster..........East Aurora
V. Pres. S. H. Peek.......... "
*Sec., Treas., Mgr. &
Cont Agt. R. S. Persons... "
Gen. Supt. E. A. Bagley...... "
Engr. Pwr. Sta. E. L. Rupert. "

2 a. c. Allis-C, Elec. Mch. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 3 ph. 60 cys; 160 hp. e. Sknr; 150 hp. turb. (wtr.) Smith; 230 hp. b. Noye, Ames.

City cont. 157 Mazdas 60 c. p. $15 per yr; 1 A. M; coal $3. (Also lts. Wales Center.)
D L S W 3 ✢ ★125

**EAST HAMPTON,** 1,816—East Hampton Elec. Lt. Co.; cap. auth. $50,000.
Pres. H. A. James. 30 Broad St., New York
V. Pres. Geo. E. Munroe....... "
Sec. W. J. Irwin............... "
Treas. J. S. Osborn........East Hampton
*¶Mgr. N. N. Tiffany, C. E. " "
Engr. Pwr. Sta.
Wm. H. Green........... " "
Ch. Elecn. R. S. Parson...... " "

3 a. c. West, G. E. tot. 380 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; 600 hp. e. Bates; 400 hp. b. McNaull.

City cont. 240 Mazdas 25 c. p. $20 per yr; coal.
D L S 2 125

**EAST ISLIP,** 1,161—Long Island Ltg. Co. See New York City.

**EAST ROCHESTER,** 2,398—Despatch Ht., Lt. & Pwr. Co. Office, 34 Clinton Ave., No. (Cap. stock owned by the Eastern Monroe Elec. Lt. & Gas Co., which is controlled by the Mohawk Valley Co.); cap. auth. & issued $400,000.
Pres. H. E. Andrews..........New York
V. Pres. Wm. K. Vanderbilt, Jr. "
2d V. Pres. G. A. Hollister.....Rochester
3d V. Pres. R. M. Searle........ "
Sec. J. C. Collins............... "
Asst. Sec. H. L. Reichart....... "
Treas. M. S. Barger.............New York
Asst. Treas. C. A. Tucker.......Rochester
*Gen. Mgr. Royal Parkinson,
East Rochester
Audr. E. C. Scobell.............Rochester

Purchases energy from Rochester Ry. & Lt. Co.; 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v.

City cont. 145 incs. 60, 80 & 200 c. p. $20, $24 & $42 per yr; all nt. (Also lts. Penfield, Victor and Pittsford.)
D L 3 ✢ 16

**EAST ROCKAWAY,** 1,200—Queens Borough Gas & Elec. Co. See New York City.

**EAST SYRACUSE,** 3,274 — Syracuse Ltg. Co. See Syracuse.

**EAST WORCESTER,** 411—Great Bear Lt. & Pwr. Co.; cap. $20,000; bds. $20,000.
Pres. J. L. Elliott . . East Orange. N. J.
Sec. Jos. Hinchman....Morristown, N. J.
*¶Treas. Mgr. & Cont. Agt.
W. F. Shupe...................Worcester
Ch. Engr. C. N. Smith......E. Worcester
Engrs. } Geo. A. Jennings "
Pwr. Sta. } Frank More..... "

2 a. c. G. E. Ft. W. tot. 160 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 118 v; 150 hp. e. Phoenix; 150 hp. turb. (wtr.) Hol. 180 hp. b. Fitzg.

City cont. 216 tung. 60 c. p. $15 per yr; 1 A. M; coal $3.05. (Co. also lts. Richmondville and Schenevus.)
L S W 1 125

**EATON,** 450 — Eaton-Morrisville Pwr. Co. Pwr. stas., Eaton and Morrisville.
*¶ Owner & Mgr. A. H. Drisser.....Eaton
Engrs. } Elmer Westcott....Pierceville
Pwr. Sta. } H. E. Walker............Eaton

Eaton & Morrisville equip: 3 a. c. West, G. E. tot. 150 kw. 110 v. 3 ph. 60 cys; trans. volt. 2300 v; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 440 v: 100 hp. b. Ames; 100 hp. e. N. Y. S; 350 hp. wtr. wh. S. & B, Mun, Cam.

City cont. 22 incs; mdnt; soft coal $4. (Co. also lts. Morrisville.)
D L S W 3 ✢ ★16

**EDWARDS,** 476—Edwards Lt. & Pwr. Co.
*Owner, Urban O. Webb ........Edwards

Purchases energy from Northern New York Utilities, Inc; a. c. day & nt. ltg. cir. 110 v. s. ph. 60 cys; a. c. mo. cir.

City cont. 32 incs. 40 w. $10 per yr; 1 A. M.
D L 1 ✢ 125

**ELIZABETHTOWN,** 505—Elizabethtown Elec. Plant.
*Owner & Mgr C. M. Wood. Elizabethtown

1 a. c. G. E. 60 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 100 v; 100 hp. turb. Christiana.

City cont. 800 incs. 16 c. p. $6.50 per yr; moonlt.
L W 1 23

**ELLENVILLE,** 3,114—Ellenville Elec. Co.; cap. outstdg. $30,000; bds. $10,000.
*Pres., Treas. & Mgr.
S. E. Denman.................Ellenville
V. Pres. N. D. Raymond...Litchfield, Conn.
Sec. A. Parshall................Ellenville
Supt. C. C. Davis.............. "

Purchases energy from Honk Falls Pwr. Co., 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 58 enc. series arcs 6.6 amp. $54.54 per yr; 15 Mazda series 40 c. p. $18 per yr; all nt. (Co. also lts. Napanoch.)
D L 3 ✢ ★26

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Honk Falls Pwr. Co.
*Owner, Chas. P. Dickenson...Ellenville
¶ Mgr. Thos. Gray.............. "

4 a. c. G. E. Bull, Westg. tot. 2100 kw. 2300 v. 3 ph. 60 cys; 3600 hp. turb. (wtr.) Platt; trans. 33,000 v. 3 ph. 60 cys.

Co. lts. High Falls and sells energy to Ellenville Elec. Co., Kington Gas & Elec. Co., C. H. Stokes Lt. Co. and Central Hudson Gas & Elec. Co.
N W 3 ✢ 70

**ELLICOTTVILLE,** 985 — Ellicottville Elec. Lt. Co.; cap. auth. $5,000; no bds.
*¶ Pres. & Mgr. M. Murphy...Ellicottville
V. Pres., Sec. & Treas.
Eugene Hickey............ "
Supt. &Ch.Elecn. J.H.Northrup "
Ch. Engr. J. W. Pettitt...... "

1 a. c. Stan. 80 kw. 2300-104 v. 2 ph. 60 cys; no day cir; 175 hp.e. Skinr; 175 hp.b. Wicks, McE.

City cont. 80 incs. 60 c. p. $15 per yr.

L S 2 75

**ELMIRA,** 37,176—Elmira Wtr., Lt. & R. R. Co. (Controlled by United Gas & Elec. Co., 61 Broadway, New York, N. Y.); cap. $2,850,000; bds. $4,996,000, 5 p. c. int.
Pres. Ray Tompkins...............Elmira
V. Pres. S. J. Dill......New Orleans, La.
Sec. & Treas. C. A. Kolstad.......Elmira
Asst. Sec. & Treas. Henry Morgan,
New York City
Gen. Mgr. F. H. Hill...............Elmira
Supt. F. G. Maloney.............. "
Engr. Pwr. Sta. C. M. Bange...... "

2 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E, 500 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. s. & 3 ph; d. c. mo. cir. 250-500 v; 2250 hp. e. Fitch, McI. & S. Ball; 14,750 hp. turb. (stm.) G.E; 7714 hp. b. Bab. & W, Keeler; 140 amp. stor. bat. Gould 650 v; trans. 11,000 v.

City cont. 314 arcs 480 w. $72 per yr; 647 Tung. 6.6 amp. $23.10 per yr; moonlt; all nt; coal $2.25. (Co. also lts. Elmira Heights, Montour Falls and Horseheads).

C D R S 1 3 ✠ 25

**ELMIRA HEIGHTS,** 2,732—Elmira Wtr., Lt. & R. R. Co. See Elmira.

**ENDICOTT,** 6,500 — Binghamton Ry. Co. Office, 132 Washington Ave. Pwr. sta. at Binghamton, 13,200 v. trans. to Endicott. (Controlled by the Scranton & Binghamton R. R. Co.)
Pres. T. L. Fuller.............Binghamton
V. Prests. R. W. Day............Scranton
Gen. Mgr.
C. S. Banghart...Binghamton
Sec. W. H. Hecox........... "
Treas. E. M. White......... "
¶Pur. Agt. R. J. Morrisson.. "
Mgr. Lt. Dept. E. L. Barnes......Endicott
Gen. Supt. H. Tracy Rogers..Binghamton
*Engr. Pwr. Sta. E. L. Barnes...Endicott
Local Sub-Sta. Engrs.
C. N. Rockwell..............Binghamton
N. R. Stoddard...................Vestal

4 d. c. G. E. tot. 1500 kw; 1 a. c. G. E. 1500 kw. 370 v. 3 ph. 25 cys; 2 mo.-gen. G. E. tot. 350 kw. 2300 v. s. & 3 ph. 60 cys; 2 rot. conv. G. E. tot. 300 kw; 12 transf. G. E, Allis-C. tot. 915 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 1500 hp. b. Bab. & W; 2 stm. turb. G. E

City cont. 25 arcs G. E. 520 w. $74 per yr; 45 tung. 100 c. p. $24.65 per yr; all nt; coal. (Sells energy to Vestal Ltg. Co.)

C D R S 1 3 ✠ ★16

**EPHRATAH,** 400—Mohawk Hydro-Elec. Co., 60 Wall St., New York City; cap. outstdg. $681,800; bds. $738,000.
Pres. Wm. Barclay Parsons } 60 Wall St.
V. Pres. H. M. Brinckerhoff } New York.
*Sec. A. J. Nichols............ "
Treas. Geo. G. Beals
201 Devonshire St., Boston, Mass.
Audr. Melbourne S. Moyer
60 Wall St., New York
Cont. Agt. A. D. Sheffield.......Nelliston
Supt. F. T. Coldwell..............Ephratah

3 a. c. G. E. tot. 3750 kw. 2300 v. 3 ph. 60 cys; trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 220-110 v; 6000 hp. turb. (wtr.) Smith.

(Co. sells energy to Fulton County Gas & Elec. Co., and Ft. Plain Gas & Elec. Lt. Ht. & Pwr. Co.)

D L W 1 3 35

**ESSEX,** 600—Bouquet Elec. Pwr. Co.; cap. $20,000; bds. $3,800.
Pres. E. L. Masson.................Essex
V. Pres. John B. Burnham
111 Broadway, New York City
Sec. & Treas. S. M. Masson....Willsboro
*Mgr. F. W. Barber.................Essex

1 a. c. G. E. 100 kw. 2300-120 v. 3 ph. 60 cys; 140 hp. turb. (wtr.) Christiana.

City cont. 57 incs. 32 c. p. $10 per yr; mdnt. (Co. also lts. Willsboro.)

L W 3 ✠ 125

**FAIRPORT,** 3,112 — Munic. Commission; cost $56,000; bds. $10,000.
Comrs. W. H. Dobbin..........Fairport
W. F. Clapp............ "
A. C. Passage.......... "
*¶Mgr. C. J. Sullivan........... "
Engr. Pwr. Sta. Peter Clow...... "

2 a.c. G. E. tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 400 hp. e. Ham, Cor; 450 hp. b. Keeler, Peck.

60 city arcs enc. 500 w. $50 per yr; 43 Mazdas 80 c. p. $15 per yr; 13 3-lt. clusters 80 c. p. $45 per yr; all nt.; coal $2.85.

D L S 1 3 125

**FALCONER,** 2,141—Falconer Elec. Lt. Plant; cost $5,000.
*¶Owner & Mgr. Fred. Sprague..Falconer

Purchases energy from Western New York Elec. Co.; 45 kw. transf. Westg; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 160 series tung. 25 c. p. $13 per yr; all nt.

D L 3 ✠ 11

**FARMINGDALE,** 1,567—Long Island Ltg. Co. See Babylon.

**FAR ROCKAWAY**—Queens Borough Gas & Elec. Co. See Borough of Queens, N. Y. City.

**FAYETTEVILLE,** 1,481 — Syracuse Ltg. Co. See Syracuse.

**FILLMORE,** 500—Genesee Valley Pwr. Co. Pwr. plant at Mill's Mills; cap. $25,000; bds. $17,000.
Pres. & Treas. W. L. Young.....Fillmore
V. Pres. E. D. Young............. "
*¶ Sec. & Supt. H. G. Young...... "
Opers. Pwr. Sta. A. A. Field.... "
T. W. Field... "

2 a. c. Westg. tot. 300 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. 3 ph; 200 hp. turb. Smith.

City cont. 120 series tung. 5.5 amp. $10-$12 per yr; moonlt. (Co. also serves Hume, Pike and Bliss.)

D L W 3 ✠ 125

**FISHER'S ISLAND,** 324—Fisher's Island Elec. Lt., Ht. & Pwr. Co.; cap. $15,000.
Pres. Frank E. Hine......Fishers Island
Sec. Walton Ferguson...Stamford, Conn.
Treas. Alfred L. Ferguson.....New York
*Ch. Engr. Arthur Woodworth
Fishers Island

1 a. c. G. E. 87 kw. 1100 v. s. ph. 60 cys; no day cir; 150 hp. e. Phœnix; 150 hp. b. Phoenix.

City cont. 30 tung. $18 per yr; all nt; coal $3.20.

L S 1 ✠ 16

**FLORAL PARK,** 1,225—Nassau Lt. & Pwr. Co. See Mineola.

**FLUSHING**—New York & Queens Elec. Lt. & Pwr. Co. See Borough of Queens, N. Y. City.

**FONDA,** 1,100—Cayadutta Generating Co.
Pres. J. C. De Long..............Syracuse
Sec. C. W. Curran......Philadelphia, Pa.
Treas. L. C. Smith...........Gloversville
*Ch. Elecn. A. Kuhlmann.........Fonda

Purchases energy from Fulton County Gas & Elec. Co.; (reserve equip.) 1 a.c. G. E. 100 kw. 110 v. 2 ph. 60 cys; 1 d. c. arc G. E. Brush 125 lt; a. c. day & nt. ltg. cir. 110 v.; 125 hp. e. St. L; 190 hp. wtr. wh. Tompkins; 100 hp. b. Collins.

City cont. 16 arcs A. B., G. E. 400 w. $63 per yr; 151 incs. $16 per yr; all nt. (Also lts Fultonville.)

D L S W 2 ✠ 125

**FORESTPORT,** 507—Elec. Lt. Plant.
*Owner, Geo. Farley..........Forestport

1 d. c. C-W. 17½ kw. 125 v; d. c. nt. (mdnt.) ltg. cir. 110 v; 30 hp. (oil) e. St. Marys; 40 hp. wtr. wh. Smith.

City cont. 14 incs. 150 w. $12 per yr; mdnt.

C G L W ✠ 125

**FORKS,** 1,000—Depew & Lancaster Lt., Pwr. & Conduit Co. See Lancaster.

**FORT COVINGTON,** 877—Fort Covington Lt., Ht. & Pwr. Co.; cap. $12,000; bds. $12,000.
Pres. P. Keefe,............Ft. Covington
*¶Sec., Treas. & Mgr.
W. S. H. Keefe.............. "
Engr. Pwr. Sta. W. H. Freeman "

1 a. c. West. 85 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 400 hp. turb. (wtr.) Lef.

City cont. 15 Mazdas 250 w. $45 per yr; 5 Mazdas 100 w. $18 per yr; all nt.

L W 3 ✠ 16

**FORT EDWARD,** 3,762—United Gas Elec. Lt. & Fuel Co. See Hudson Falls.

**FORT PLAIN,** 2,762—Fort Plain Gas & Elec. Lt., Ht. & Pwr. Co.; cap. $51,000, 12 p. c. div.
Pres. A. D. Sheffield.............Nelliston
V. Pres. W. E. Diefendorf.... Fort Plain
¶Sec. Treas. & Cont. Agt.
A. Dunn...................... "
*¶Mgr. A. A. Miller........... "

Energy purchased from Mohawk Hydro-Elec. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2 ph. 60 cys.

City cont. 70 arcs 2000 c. p. $55 per yr; incs. $27.50 per yr; all nt. (Co. also lights Nelliston.)

D L 2 125

**FRANKFORT,** 3,303 — Utica Gas & Elec. Co. See Utica.

**FRANKLIN,** 473—Ouleout Valley Tel. Co. (Successer to Delaware & Otsego Lt. & Pwr. Co.) cap. outstg. $22,100; bds. $25,000.
*¶Pres. & Mgr. E. A. Mackey..Franklin
V. Pres. & Sec. F. B. Rose...... "
Treas. F. N. Winans............ "
Engr. Pwr. Sta. Lewis I. Burnette "

1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir; 750 hp. turb. (wtr.) Camden.

City cont. 60 Mazdas 60 w. $10 per yr; mdnt. (Co. also lts. Otego.)

D L W 3 ✠ ★125

**FRANKLIN SPRINGS,** 300—Franklin Springs Elec. Lt. Co. Pwr. Plant at Clinton; cap. $5,000; no bds.
Pres. D. DeW. Smyth..............Utica
V. Pres. F. H. Smyth...Brookline, Mass.
*¶Sec. Treas. & Mgr.
G. A. Rodenbaeck..............Clinton
Supt. & Ch. Elecn. O. J. Roberts.. "

1 a. c. G. E. 100 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 60 cys; a. c. nt. mo. cir. 110 v. s. ph. 60 cys; 225 hp. e. West; 250 hp. b. Ames.

Coal $3.25.

L S 1 2 125

**FRANKLINVILLE,** 1,568—Olean Elec. Lt. & Pwr. Co. See Olean.

3 a. c. West. Allis C. tot. 555 kw. 1100 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 400 v; 800 hp. e. Skinner; 500 hp. b. McE, U. I. Wks.

City cont. tung. 5.5 amps. $15 per yr; moonlt; coal $2.50.

D L S 2 ✠ 65

**FREDONIA,** 5,285—Munic. Elec. Lt. Plant; cap. $25,000.
*¶Mgr. Cont. Agt. & Engr.
Pwr. Sta. M. Schmitz........Fredonia

2 d. c. arc Ft. W. tot. 180 lt; pwr. cir. 7200 v; 200 hp. e. St. Line; 200 hp. b. McE.

155 city arcs Ft. W. $36.28 per yr; all nt; moonlt; coal $2.65.

C L S 25

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Niagara & Lake Erie Power Co. Office, Marine National Bank Bldg., Buffalo; cap. $120,000; bds. $542,000.
Pres. Fred D. Corey..............Buffalo
V. Pres. Joseph B. Mayer......New York
Sec. H. E. Nichols.................Buffalo
Treas. R. C. Board................. "
*Gen. Mgr. S. Piek................ "
Supt. E. W. Newton............Fredonia

Purchases energy from Niagara, Lockport & Ontario Pwr. Co.; trans. 60,000-11,000-2200 v. 3 ph. 25 cys; 3 transf. G. E. tot. 120 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v. (Also operates trans. system from Gardenville to Jamestown, and sell energy to The Depew & Lancaster Lt., Pwr. & Conduit Co. and Chatauqua Traction Co.)

D L 3 ✠ ★16

**FREEPORT,** 4,836—Munic. Elec. Lt. Plant; cost $33,000; bds. $33,000.
*Ch. Engr. Wm. R. Smith.......Freeport

55 open city arcs; 55 enc. city arcs 1200 c. p. $45 per yr; 1600 com. incs. 16 c. p. 12 cts. per kw.

L 114E

**FULTON,** 10,480—Fulton Lt., Ht. & Pwr. Co.; cap. outstg. $241,050; bds. $129,000.
Pres. M. J. Warner
30 Church St., New York City
V. Pres. L. W. Emerick............Fulton
*¶Mgr. & Cont. Agt. J. J. Jordan "
Supt. William Storms............. "
Engr. Pwr. Sta. L. O. Colvin...... "

5 a. c. West. tot. 1020 kw. 2300 v. 2 ph. 60 cys; 2 a. c. turbo-gen. West. tot. 1250 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. 2 & 3 ph. 60 cys; 1100 hp. turb. (wtr.) Hunt, Hol.

City cont. 40 incs. 80 c. p. $18.55 per yr; 216 incs. 100 c. p. $20.50 per yr; 172 incs. 250 c. p. $28.25 per yr; 40 incs. 400 c. p. $38.55 per yr; all nt; coal $2.61. (Also lts. Volney and Granby and supplies energy to Broadalbin Elec. Lt. & Pwr. Co.)

D L S W 1 2 3 ✠ 25

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Oswego River Power Transmission Co. See Syracuse.

**GARDEN CITY,** 581—Garden City Co.
Pres. A. W. Evarts.....60 Wall St., N. Y.
V. Pres. Deveraux Emmet, St. James, L. I.
Sec. Chas. S. Butler, 32 Nassau St., N. Y.
Treas. Lorenzo Semple, 3 Rector St., N. Y.
Gen. Mgr. G. L. Hubbell....Garden City
*Supt. & Engr Pwr. Sta.
H. Hatch....................... "

3 a. c. G. E. tot. 220 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 208 v. s. ph; 335 hp. e.

Harrisburg-Flemg; 450 hp. b. Fitzgibbons. Coal $3.70. (Also lts. Garden City East.)
D L S 1 2 125

**GENESEO,** 2,067—Geneseo Gas Lt. Co.; cap. $25,000; bds. $25,000, 5 p.c. int.
Pres. W. A. Brodie..............Geneseo
V. Pres. H. J. Schmitz.......... "
Sec. & Treas. Geo. B. Adams..... "
*Supt. & Ch. Elecn. T. W. Landon "
Engr. Pwr. Sta. C. A. Kelsey..... "

2 a. c. Ridg. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 200 hp. e. Ridg; 250 hp. b. McE.

City cont. 48 arcs 400 w. $95 per yr; all nt; coal $3.10.

D L S 1 3 ✢ 125

**GENEVA,** 12,446—Central New York Gas & Electric Co. (Owned and operated by the Empire Gas & Elec. Co.) Plants at Geneva, Newark, Lyons and Waterloo; cap. $450,000; bds. $1,130,000.
Pres. E. H. Palmer..............Geneva
V. Pres. H. O. Palmer.......... "
Sec. L. C. Hoskins.............. "
¶Treas. C. H. Pierce............ "
Gen. Mgr. H. L. Colman..........Auburn
Supt. C. F. Brunt...............Geneva

2 a. c. G. E. tot. 1500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 1500 hp. b. Bab. & W, Keeler; 1500 kw. turb. (stm.) G. E; (also stm. htg.)

City cont. 92 arcs 7.5 amp. 475 w. $70 per yr; 290 incs. series 40 c. p. (181) $18 per yr., 60 c. p. (42) $19.80 per yr., 60 c. p. (32) $24 per yr. & 80 c. p. (35) $24.48 per yr; 80 5-lt. posts mult. 220 c. p. $49.20 per yr; coal $3. (Co. distributes in Clyde, Geneva, Halls Corners, Lyons, Newark, Oakes Corners, Palmyra, Phelps. Port Gibson, Seneca Castle, Lock Berlin, Seneca Falls and Waterloo.)

D H L S 3 26

**GLEN COVE,** 3,750—Glen Cove Lt. & Pwr. Co; cap. $15,000; no bds.
*Pres. & Mgr. Harvey S. Ladew. Glen Cove
V. Pres. Mrs. Chas. Wall......... "
Sec. & Treas. James I. Taylor.. "
Supt. S. H. Wansor.............. "
Engr. Frank W. Seaman........ "

Energy purchased from E. R. Ladew Co., Inc.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. 2 & 3 ph. 60 cys. (Co. also lts. Locust Valley.)

D L 1 2 3 ✢ 125

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Nassau Lt. & Pwr. Co. See Mineola.

**GLENS FALLS,** 16,313—Glens Falls Gas & Elec. Lt. Co.; cap. auth. $250,000; bds. $250,000, 5 p.c. int.
Pres. J. C. Brady..............New York
V. Pres. W. E. Lewis..............Utica
Sec. M. J. Brayton................ "
Treas. Geo. H. Stack.............. "
*¶Mgr. H. M. Collin..........Glens Falls
Engr. Pwr. Sta. Henry Rochat "

Purchases energy from Union Bag & Paper Co; 9 transf. G. E. tot. 600 kw; 2 mo.-gen sets G.E. tot. 425 hp. 60 to 40 cys; 4 a. c. Stan, Westg. G. E. tot. 645 kw. 2200-110 v. 2 ph. 60 cys; a.c. day cir. 110 v; a.c. pwr. cir. 220 v; 600 hp. e. A. & S, Ball; 700 hp b. Erie.

Coal $3.68.

D L S 2 ★125

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Adirondack Elec. Pwr. Corp. (Consolidation in 1911 of Hudson River Elec. Pwr. Co., Hudson River Wtr. Pwr. Co., Hudson River Pwr. Transmission Co., Hudson River Elec. Co., Empire State Pwr. Co., Saratoga Gas & Elec. Co., Ballston Spa Lt. & Pwr. Co., Madison County Gas & Pwr. Co.) Plants at Spier Falls, Mechanicsville, Schoharie Falls and Utica.
Pres. James R. Hooper.......Boston, Mass.
V. Pres. Elmer J. West.......Glens Falls
2nd V. Pres. Chas. E. Willock, Pittsburgh, Pa.
Sec. Chester M. Clark.......Boston, Mass.
Treas. Henry B. Sawyer... "
Gen. Mgrs. Stone & Webster Mng. Assn. 147 Milk St., Boston, Mass.
*Mgr. W. A. Buttrick..........Glens Falls
¶ Pur. Agt. Lewis A. Jones... "
Cont. Agt. W. D. Hodgson....... "
Local Supt. Earl H. Stickney.. "
Supts. Hudson Valley Div., F. G. McRae....... "
Utica Div. J. C. Hemingway... "
Elec. Engr. H. J. Hunsicker.. "

*SPIER FALLS*

7 a. c. G. E. tot. 16,500 kw. 2200 v. 3 ph; 12 G. E. transf. tot. 20,000 kw; 36,500 hp. turb. (wtr.) Smith; trans. 30,000 v. 3 ph.

*MECHANICSVILLE*

7 a. c. G. E. tot. 5250 kw. 12,000 v. 3 ph; 5 transf. tot. 345 kw; 1000 hp. e; 1000 hp. b; 6800 hp. turb. (wtr.) Smith.

*SCHOHARIE FALLS*

2 a. c. Stanley tot. 1300 kw; 2 transf. 1000 kw; 2000 hp. turb. (wtr.).

*UTICA*

4 a. c. tot. 6000 kw; 13 transf. 7500 kw; 160 hp. e; 6000 hp. b.

Purchases energy from the Kanes Falls Elec. Co.

a. c. day & nt. ltg. cir. 127 v. 40 cys; a.c. mo. cir. 254-550 v. 3 ph. 40 cys.

City cont. 308 magn. series 4 amp. $63.87 per yr; 2 incs. 25 c. p. $14.60 per yr; all nt. (Co. also lts. Saratoga, Cohoes, Watervliet, Amsterdam, Hagaman, Oneida, Oriskany, Lake George, Ballston Spa and Canastota; sells energy to distributing companies in Mechanicsville, Utica, Troy and Albany; also sells energy for railway service in Utica, Syracuse, Rome & Little Falls.)

D N S W 3 ★16

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Kanes Falls Electric Co. Office, Glens Falls. (Operates hydro-electric plant at Kanes Falls, near Fort Ann; trans. lines to Glens Falls and Granville); cap outstg. $25,000; bds. $178,000.
Pres. E. L. Ashley............Glens Falls
V. Pres. D. C. Ashley......... "
*Sec. & Treas. J. M. Adams.. "

Lts. Fort Ann. Sells energy in bulk to Granville Elec. & Gas Co. and Adirondack Elec. Pwr. Corpn. at Glens Falls.

N W §26†

**GLOVERSVILLE,** 20,642 — Fulton County Gas & Elec. Co. Pwr. stas. at Gloversville and Johnstown; cap. $1,030,000; bds. $1,000,000, 5 p. c. int. (The United Gas Improvement Co. is interested in this company.)
Pres. R. A. C. Smith..........New York
V. Prests. Walton Clark.....Phila., Pa.
Lewis Lillie....... "
Sec. G. W. Curran............. "
Treas. Jas. Ball............... "
*Mgr. L. C. Smith............Gloversville
¶ Pur. Agt. J. A. Pearson.....Phila., Pa.
Ch. Engr. E. W. Ehmann....Gloversville

6 a. c. West. tot. 1683 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. mo. cir. 2300-220-110 v. s. & 2 ph. 60 cys: 2350 hp. e. Am, Ball; 1509 hp. b. Cahill, Bab. & W. Purchases energy from Mohawk Hydro-Elec. Co.

City cont. 77 arcs 4 amp. a. c. series $63 per yr; 578 tung. 32 c. p. $14.50 per yr; coal. (Also serves Johnstown; sells energy to Cayadutta Generating Co.)

D L S 1 2 ✢ ★125

**GOSHEN**, 3,081 — Goshen Lt. & Pwr. Co.; cap. auth. & pd. in $15,000, 6 p. c. div; bds. auth. $10,000; outstg. $5,000, 5 p. c. int.
¶ Pres. & Treas. R. W. Smith.....Monroe
*Sec. & Treas. W. A. Wells.......Goshen
Mgr. & Supt. Geo. Krom.........  "

Energy from Orange & Rockland Elec. Co.; 2 transf. G. E. tot. 150 kw. 125 v; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 300 hp. e. Wright, Payne; 320 hp. b. Delaney.

City cont. 12 arcs 1200 c. p. and 138 incs. 24 c. p. $3,268 per yr; moonlt. all nt; coal $3.10.
D L S 1 ✣ 61

**GOUVERNEUR**, 4,128—*Oswegatchie Lt. & Pwr. Co.; cap. $60,000.
¶ Supt. & Ch. Elecn. S. G. Hunter Gouverneur

2 d.c. arc Amer., Wood 85 lt; 3 a. c. G. E. 420 kw. 2200 v. 3 ph. 60 cys; a. c. day cir; 800 hp. turb. (wtr.); purchases energy from Northern Pwr. Co.

City cont. 50 arcs 2000 c. p. $45 per yr; incs. 32 c. p. $10 per yr; all nt. (Co. also lts. Hailesboro.)
D L W 3 ✣ 89

**GOWANDA**, 4,000 — Gowanda Lt. & Pwr. Corpn. (Successor to Keyes Elec. Co.)
Pres. & Treas. G. M. Gest
1330 Woolworth Bldg., New York
*V. Pres. & Sec. E. Wisnewski
1330 Woolworth Bldg., "
Mgr. H. R. Waldron...........Gowanda

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Corry 27½ kw. 110 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 140 hp. e. (gas) Struthers-Wells; 225 hp. turb. Leffel.

City cont. 15 Mazdas 6.6 amp. 400 c. p. $55 per yr; 125 Mazdas 6.6 amp. 100 c. p. $17.50 per yr; all nt; gas 20 cts.
C D G L W 3 ✣ ★36

**GRANVILLE**, 3,920—Granville Elec. & Gas Co.; cap. $100,000; bds. $165,000.
Pres. Brodie G. Higley......Hudson Falls
V. Pres. Geo. Tait............Glens Falls
2d V. Pres. F. T. Pember......Granville
Sec. & Treas. Grace M. Flood, Hudson Falls
*Mgr. Paul Fasoli...............Granville

Energy purchased from Kanes Falls Elec. Co.; trans. volt. 30,000 v; 1 transf. G. E. 150 kw. 30,000-2300 v. 3 ph. 40 cys: a. c. day & nt. ltg. cir. 127 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 40 cys.

City cont. 260 incs. series 6.6 amp. 40 c.p. $20 per yr; all nt. (Co. also lts. Middle Granville.)
D L 3 ✣ ★125

**GREAT NECK**, 1,000—Nassau Lt. & Pwr. Co. See Mineola.

**GREENE**, 1,275 — Munic. Elec. Lt. Plant; cost $21,000; bds. auth. & issued $21,000, 3½ & 4 p. c. int.
V. Pres. Chas. H. Graves..........Greene
*Sec. D. L. Hotchkiss..............  "
Supt. T. H. Williams...............  "

2 a. c. T-H, Westg. 100 kw. 1100-104 v. s. ph. 60 cys; no day cir; 108 hp. e. Westg. H. F. & M; 240 hp. b. Watertn.

108 city incs. 16 & 20 c. p; 3 city arcs; coal $2.70.
L S 1 ✣ 59

**GREENPORT**, 3,089—Munic. Elec. Lt. & Wtr. Plant; bds. $40,000.
¶ Pres. Bd. Willard F. Griffing..Greenport
Sec. Ella L. Phillips............  "
Treas. Fred B. Corey...........  "
*Mgr. Wm. H. Redman.........  "

3 a. c. Westg. tot. 337 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 325 hp. e. Fishk, Corliss, Bellwood; 425 hp b. Ball, Wood, McE.

All nt; coal.
L S 2 75

**GREENWICH**, 2,314 — Consolidated Elec. Co.; pwr. plant at Middle Falls; cap. $150,000; bds. $37,000.
Act'g Pres. M Sonn..........Greenwich
Sec.. I. V. H.Gill..............  "
*¶ Treas. & Mgr. Harry C. Gray  "
Ch. Engr. Maurice Connery..Middle Falls

3 a. c. Stan, G. E. tot. 1050 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v; a. c. mo. cir. 105-210 v. 2 ph. 60 cys; 1500 hp. turb. Hunt; trans. 5000 v.

City cont. 100 a. c. series arcs 6.6 amp. $50 per yr; 150 series incs. 25 c. p. $13 per yr; all nt. (Co. also lts. Cambridge, Victory Mills and Schuylerville.)
D L W 2 ✣ ★125

**GROTON**, 1,260—Board of Wtr. & Lt. Commission (Munic.); cost $26,000; bds. $17,000.
Bd. Commrs. { Pres. E. P. Watrous...Groton
W. B. Gale............  "
W. N. Allen..........  "
Clerk, Chas. O. Rhodes...........  "
Treas. John K. Pickens..........  "
*Supt. M. E. Yates...............  "

4 d. c. West. tot. 225 kw. 250 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v: 115 hp. e. Erie; 150 hp. stm. turb. West; 250 hp. b. Erie.

Mdnt. all nt; coal $3.20.
C D L S 25

**HALESITE**, 500—Huntington Lt. & Pwr. Co. See Huntington.

**HAMBURG**, 2,134—*Howard A. Pierce Elec. Lt. Co.

Purchases energy from Niagara, Lockport and Ontario Pwr. Co; 2 transf. Westg. tot. 150 kw. 2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys.

City cont. 43 arcs 6.5 amp. $74.50 per yr; all nt. (Co. also lt. Water Valley.)
D L 3 42

**HAMILTON**, 1,689 — Munic. Wtr. & Lt. Plant; cost $84.000.
Board of Commrs. { A. N. Smith ........Hamilton
C. O. Wedge.......  "
Jas. M. Taylor.....  "
*Supt. E. L. Kingsbury ........  "

2 a. c. G. E. West. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100 v; 300 hp. e. Nord, Cor.; 160 hp. b Stearns

90 series tung. 80 c. p. & 200 c. p. tot. $2,500 per yr; moonlt. all nt; coal $3.45.
D L S 3 75

**HAMMONDSPORT**, 1,254 — Hammondsport Elec. Lt. Co.; cap. auth. & pd. in $10,000.
Pres. C. A. Champlin.....Hammondsport
*¶ Sec. & Mgr. J. S. Hubbs  "
Ch. Engr. A. E. Bailey...  "

2 a. c. G. E, Westg. tot. 180 kw. 1040-104 v. s. ph. 133 cys; no day cir; 290 hp. e. West.

City cont.; 67 incs. 40 c. p. 52 w. $24 per yr; all nt; coal.
L S 1 125

**HANCOCK**, 1,329—Deposit Elec. Co. See Deposit.

**HANNAWA FALLS**, 225—Hannawa Falls Wtr. Pwr. Co. Office, Potsdam. cap. outstg. $300,000; bds. $800,000.
Pres. F. A. Stoughton...........Potsdam
Sec. & Treas. Paul B. Murphy...  "
*Mgr. K. J. Suell.................  "
Supt. C. P. Scheller ..........  "
Engr. Pwr. Sta. Jas. Sayles......  "

7 a. c. G. E. tot. 3000 kw. 4400 v. 3 ph. 60 cys; 7 transf. G. E. 3900 kw; trans. 4,400-22,000 90,000 v. 3 ph. 60 cys; 4250 hp. turb. Leffel. (Sells energy in bulk to Northern Pwr. Co. and the Potsdam Elec. Lt. & Pwr. Co.)
T W 3 125

**HANNIBAL,** 330—Oswego River Pwr. Trans. Co. See Syracuse.
a. c. day & nt. ltg. cir. 110-220 v; a. c. mo. cir. 6600-220 v. s. ph. 25 cys.
City cont. 29 tung. 60 w. $15 per yr; mdnt; moonlt.
D L 1 ✣ 16

**HARRISON,** 2,922—Westchester Ltg. Co. See Mt. Vernon.

**HARTWICK,** 600—Hartwick Pwr. Co. Office, Cooperstown. (Stock owned by Otsego & Herkimer R. R. Co.); cap. $10,000.
Pres. Jos.B.Mayer. .37 Wall St., N.Y.City
V. Pres. Peter C. Schutrum...... "
Sec. Jas. L. de Rosset........... "
*¶ Treas. & Mgr. C. L. Stone. Cooperstown
Audr. H. R. Skirving........ "
Supt. C. S. Stanton.......... "
Purchases energy from Otsego & Herkimer R. R. Co; 3 transf. G. E. tot. 60 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 23 Mazdas 6.6 amp. 60 c. p. $22.50 per yr. all nt. (Sells energy to Clinton Mills Pwr. Co.)
D L 3 ✣ ★125

**HASTINGS,** 4,552—Westchester Ltg. Co. See Tarrytown.

**HAVERSTRAW,** 5,669—Rockland Lt. & Pwr. Co. See Nyack.

**HEMPSTEAD,** 4,964—Nassau Lt. & Pwr. Co. See Mineola.

**HENDERSON,** 340—Henderson Elec. Lt. & Pwr. Co.
*Owner, George N. Wilson....Henderson
1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. (2 days each week) mo. cir. 220 v. s. & 3 ph.; — hp. e. ——; — hp. b. ——; 178 hp. wtr. wheels Camden.
City cont. 23 incs. a. c. series 60 c. p; mdnt; coal. (Also lt. Henderson Harbor.) (Will secure energy from Salmon River Pwr. Co.)
D L S W 1 3 ✣ 55w

**HERKIMER,** 7,520—Munic. Elec. Lt. Plant; cost $84,329; bds. $8,000.
*Pres. Chas. Bell................Herkimer
V. Pres. C. R. Snell............ "
Sec. & Supt. E. W. Sluyter..... "
Mgr. 1st National Bank......... "
Engr. Pwr. Sta. W.W. Reynolds "
Ch. Elecn. C. H. Munson........ "
3 a.c. G. E. C. W. tot. 550 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 208 v; 650 hp. e. Am. K. & K; 700 hp.b. Collins, McE, Erie.
7 city flam. arcs; 30 a.c. enc; 100 Mazdas 100-200 c. p; all nt; coal $2.72.
D L S 2 23

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Utica Gas & Elec. Co. See Utica.

**HERMON,** 587—Hermon Elec. Lt. Co.; cap. $15,000; bds. $4,200.
Pres. G. T. Chaney..............Hermon
V. Pres. Florence M. Popple..... "
*¶ Sec., Treas. & Mgr.
W. G. Popple................... "
Purchases energy from St. Lawrence Pyries Co.: 2200-115 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.
City cont. 40 Mazdas 60 w. $10 per yr: mdnt.
D L 1 125

**HICKSVILLE,** 1,632—Nassau Lt. & Pwr. Co. See Mineola.

**HIGHLAND,** 3,663—Central Hudson Gas & Elec. Co. See Poughkeepsie.

**HIGHLAND FALLS,** 2,470—Buttermilk Falls Elec. Co.; cap. auth. & pd-in [illegible]
¶ Pre [illegible] Mgr. G.W.Flood, Highland Falls
V. Pres. H. Goodseil...... "
*Ch. Engr. Jno. L. Hess... "
Ch. Elecn. Harry Taylor.. "
2 a. c. West. 125 kw. 2200-104 v. s. & 2 ph. 60 cys; no day cir; 190 hp. e. De La V. (oil.); 175 hp. turb. Risdn.
City cont. 125 incs. $15 per yr; all nt.
G L 1 2 ✣ 23

**HILLBURN,** 1,090—Rockland Lt. & Pwr. Co. See Nyack.
4 a. c. West, tot. 2000 kw. 2200-440 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 2 ph. 60 cys; 1,975 hp. e. West. (gas); 3000 hp. gas producer; 500 kw. stm. turb. West; 1250 hp. b. Mining Mch. Co, Edge.
City cont. 412 tung. & carbon 20 & 32 c. p. $15 to $19.50 per yr; moonlt; all nt. (Co. also lts. Tallman, Ramapo & Suffern.)
D G L S 2 25

**HILTON,** 629—The Hilton Elec. Lt., Pwr. & Ht. Co.
*¶ Pres. & Mgr. J. E. Cooper......Hilton
V. Pres. & Sec. F. W. Zoller...... "
Treas. A. B. Fraser................. "
Energy purchased from Rochester Ry. & Lt. Co.
City cont. 72 tung. 40 c. p. $18 per yr.
L 105

**HOLLEY,** 1,679—Munic. Elec. Lt. Plant; cost $15,000; bds. $8,000.
Pres. of Village, N. S. Cole.......Holley
Commissioners
Chmn. C.H. Bartlett "
Sec. J.B. Hudson. "
C. C. Tapley...... "
*Mgr. A. M. Lawrence............. "
Engr. Pwr. Sta. W. R. Van Sice... "
Purchases energy from A. L. Swett Elec. Lt. & Pwr Co., 39 G. E. transf 165 hp. a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys; 165 hp. e.
142 city tung. 60 c. p; all nt; coal $2.95.
L S 1 ✣ 75

**HOMER,** 2,695—Cortland County Trac. Co. See Cortland.

**HONEOYE FALLS,** 1,169—Lima-Honeoye Lt. Co. See Lima.

**HOOSICK,** 300—Twin State Gas & Elec. Co. See Hoosick Falls.
City cont. 14 arcs $60 per yr; 4 incs. 32 c. p. $20 per yr; 2 A. M.
L 16

**HOOSICK FALLS,** 5,532—Twin State Gas & Elec. Co. (Hoosick Falls Div.) See Dover, N. H.
¶ Mgr. E. E. Larrabee.....Hoosick Falls
2 a. c. G. E. tot. 550 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys; 350 hp. e. McE; 720 hp. turb. (wtr.) Hol; 500 hp. b. Stir. Connects with Bennington (Vt.) plant by 30,000 v. trans. line.
City cont. 45 arcs enc. 450 w. $62.50 per yr; 116 incs. 32 c.p. $17.50 per yr; 44 tung. 60 c. p. $27.50 per yr; all nt; coal $3.75. (Co. also lts. Hoosick & North Hoosick.)
D L S W 3 ✣ 16

**HORNELL,** 13,617—Hornell Elec. Co.; cap. $101,500: bds. $185,200.
Pres. H. L. Elkins..............Phila., Pa.
V. Prests.
E. F. McCabe..Titusville, Pa.
Mgr. L. T. Mason..Hornell
*Sec. R. S. Smyth..............Phila., Pa.
Treas. William Maul Measey " "
Supt. C. G. McAvoy.................Hornell
2 a. c. turbo-gen. G. E. Curtis tot. 1500 kw. 2300 v. 3 ph. 60 cys; 9 d. c. G. E. tot.

500 kw. 110-220 v; 2 arc Ft. W. tot. 92 kw.; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; d. c. mo. cir. 500-220-110 v; 1625 hp. b. McE. Keeler; 1 rot. conv. G. E. 300 kw; 2 mo.-gen. G. E. Ft. W. tot. 280 kw. also stm. htg.

City cont. 115 enc. arcs 480 w. $76 per yr; 91 incs. 60 w. $16 per yr; all nt; coal $2.30. (Co. sells energy to Hornell Trac. Co.)

C D H L S 3 ★16

**HORSEHEADS,** 1,778—Elmira Wtr., Lt. & R. R. Co. See Elmira.

**HUDSON,** 11,417—Albany Southern R. R. Co. Mailing address, Albany; office, Rensselaer: plant at Stuyvesant Falls.

Chmn. Bd. R. A. C. Smith
100 Broadway, New York
Pres. Wm. J. Loeb, Jr.
120 Broadway, "
V. Pres. Richard Sutro,
44 Pine St., "
*Sec. & Treas. I. W. Day
100 Broadway, New York
Audr. Thos. H. Blaikie..........Albany
Gen. Mgr. James E. Hewes........ "
¶Pur. Agt. C. W. Mullaney........ "
Gen. Supt. J. E. Newman.....Rensselaer
Ch. Engr. G. F. Silvia.......... "
Engr. Pwr. Sta. T. H. Ceperley,
Stuyvesant Falls

8 a. c. G. E. tot. 7300 kw. 12,000-2300 v. 3 ph. 25 & 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 25 cys. & 104 v. s. ph. 60 cys; 2000 hp. e. B. & W, Bckye; 2550 hp. b. Bab. & W; 4000 kw. turb. (stm.) G.E; 5500 hp. turb. (wtr.) Victor.

City cont. 127 a. c. series arcs 6.6 amp. $81.75 per yr; 36 a. c. series incs. 32 c. p. $22 per yr; all nt; coal $3.65. (Also lts. Stuyvesant Falls, Rensselaer, Kinderhook, Valatie, North Chatham, East Greenbush, Niverville and Nassau.)

D L R S W 3 ✠ ★125

**HUDSON FALLS,** 5,189—United Gas, Elec. Lt. & Fuel Co. (Consol. Sandy Hill Elec. Lt. & Pwr. Co. and Ft. Edward Elec. Lt. & Pwr. Co.); cap. auth. $200,000; bds. auth. $150,000, 5 p. c. int.

Pres. J. C. Brady..............New York
V. Pres. W. E. Lewis...............Utica
Sec. M. J. Brayton.................. "
Treas. Geo. L. Stalk................ "
*¶Mgr. H. M. Collin.......Hudson Falls
Supt. A. C. Fox............. "

Energy purchased 2300 v. 40 cys; a. c. day cir. 110 v; pwr. cir. 550 v.

City cont. 160 arcs 2000 c. p. $63.87 per yr; 11 incs. 24 c. p. $20 per yr; all nt. (Co. also lts. Ft. Edward and So. Glens Falls.)

D L X 25

**HUGHSONVILLE,** 690—Garner Print Wks. & Bleachery. See Wappingers Falls.

City cont. 40 incs. 40 c. p. (36) and 60 c. p. (4); all nt.

L 125

**HUNTINGTON,** 3,028—Huntington Lt. & Pwr. Co. (Pwr. plant in Halesite); cap. $75,000; bds. $140,000.

Pres. Henry S. Brush........Huntington
V. Pres. Wm. J. Matheson....New York
Sec. & Treas. Douglas Conklin,
Huntington
*¶Mgr. E. W. Chapple....... "
Ch. Engr. John Cushing..........Halesite

3 a. c. West, G. E. tot. 925 kw. 2400 v. 2 ph. 60 cys; a. c. day cir. 112 v; a. c. mo. cir. 220 v; 100 hp. e. H. M. & B; 850 kw. turb. (stm.) West, G. E; 600 hp. b. Bab. & W.

City cont. 255 tung. 40 w. $20 per yr; all nt; coal $3.50. (Co. also lts. Cold Spring Harbor and Halesite.)

D L S 2 75

**ILION,** 6,588—Munic. Elec. Lt. Plant; cost $55,000; bds. $35,000.

Pres. Bd. W. E. Wardle..............Ilion
Sec. Chas. H. Barnes................ "
Treas. W. J. Powers................ "
*¶Supt. & Ch. Elecn. C. C. Pelton.... "

Purchases energy from Utica Gas & Elec. Co; trans. volt. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

190 city Mazdas 250 c. p. $27.25 per yr; all nt; coal $3.02. (Also lts. No. Ilion, 8 Mazdas 250 c. p.)

D L 3 ★125†

**INWOOD,** 2,000—Queens Borough Gas & Elec. Co. See New York City.

**IRONDEQUOIT,** 3,000 — Rochester Ry. & Lt. Co. See Rochester.

**IRVINGTON,** 2,319—Westchester Ltg. Co. See Tarrytown.

**ISLIP,** 1,735—Long Island Ltg. Co. See New York City.

Supt. C. S. Daily....................Islip

a. c. day & nt. ltg. cir. 100 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 100 hp. e. (gas) Westg; 100 hp. gas pro. Westg.

City cont. 8 flaming arcs $110 per yr; 172 incs. 25 c. p. $18 per yr; all nt.

D G L 1 3 25

**ITHACA,** 14,802—Ithaca Gas & Elec. Corpn. (Consol. of Ithaca Gas Lt. Co. and Ithaca Elec. Lt. & Pwr. Co.) (Controlled by the Associated Gas & Elec. Co., 43 Exchange Pl., New York City); cap. $350,000; bds. $75,000.

Pres. J. H. Pardee
43 Exchange Place, New York
V. Prests. { C. A. Greenridge...... "
{ J. I. Mange.......... "
Sec. & Treas. H. B. Brown.... "
Mgr. —— ——.....................Ithaca
¶ Pur. Agt. E. N. Chilson......New York
*Supt. L. W. Bennett...............Ithaca
Engr. Pwr. Sta. J. N. Bennett..... "

Purchases energy from N. Y. Auburn & Lansing R. R. Co.; 3 a. c. Westg. tot. 1200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; pwr. cir. 2300-220 v; 1500 hp. e. Rus; 1500 hp. b. Wickes.

City cont. 138 arcs 440 w. 6.6 amp. $75 per yr; 222 tung 60 c. p. 6.6 amp. $24 per yr; all nt.

D L S 3 45w

**JAMAICA,** New York & Queens Elec. Lt. & Pwr. Co. See Borough of Queens, N. Y. City.

**JAMESTOWN,** 31,297—Munic. Elec. Lt. Plant; cost $250,000; bds. $76,000.

Mayor, Sam'l A. Carlson......Jamestown
Clerk, C. B. Jones............ "
Treas. O. F. Price........... "
Audr. E. O. Hultquest........ "
*Asst. Supt. in Chge. of Ltg.
Clayton O. Johnston........ "
Supt. Bd. Wtr. & Ltg. Comm.
L. P. Hapgood.............. "
Ch. Engr. Chas. L. Carlson.... "

3 a. c. G. E. tot. 1600 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 40 kw. 250 v; 4 rect. G. E, West. tot. 300 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-440-220-110 v. s. or 3 ph. 60 cys; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 115-230 v; 400 hp. e. Rus; 1300 kw. stm. turb. G. E; 975 hp. b. McE, Jamestown.

291 city lumn. arcs 500 w. $48 per yr; 293 city incs. "C" 400 c. p. $48 per yr; 25 city Mazdas 80 c. p. $12 per yr; all nt; coal $2.10 and $2.25.

C D L S 1 3 ★125

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Western New York Elec. Co. (Successor to Jamestown Ltg. & Pwr. Co.) Office, 316 N. Main St.; cap. $6,100; no bds.

Pres. A. N. Broadhead........East 1st St.
V. Pres. S. B. Broadhead..... "
Sec. W. R. Reynolds.......... "
Treas. C. J. Lipp.............. "
*¶ Supt. Frank W. Bullock.
316 No. Main St.

Purchases energy from Chautauqua Trac. Co. & Jamestown St. Ry. Co.; trans. volt. 2300 v. 3 ph. 25 cys; 25 transf. G. E, West. Packard tot. 219 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. 110-220 v. s. & 3 ph. 25 cys; 2 rot. conv. West. 600 kva; 2 mo. gen. West. 800 kva.

(Co. also lts. Lakewood, Busti, Harmony, Chautauqua, Ellery, Bemus Point and Ellicott, and sells energy to Falconer Elec. Lt. Co.)

C D L 1 3 75w

**JOHNSON CITY**, 3,775—Binghamton Lt., Ht. & Pwr. Co. See Binghamton.

**JOHNSONVILLE**, 550 — Schenectady Pwr. Co. See Schaghticoke.

2 a. c. G. E. tot. 8600 kw. 4400 v. 3 ph. 40 cys; trans. volt. 32,000 v; 5000 hp. wtr. wh. Smith.

N W 3 125

**JOHNSTOWN**, 10,447—Fulton County Gas & Elec. Co. See Gloversville.

1 a. c. G. E. 500 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 2 ph. 60 cys; 350 hp. wtr. wh. McC. (Also purchases energy from Mohawk Hydro-Elec. Co.; 4 transf. Westg. 4000 kw.)

City cont. 91 arcs series 6.6 amp. $59 per yr; 260 tung. 32 c. p. $14.50 per yr.

D L W 1 2 125

**JORDAN**, 978 — Jordan Elec. Lt. & Pwr. Co.; cap. $10,000; no bds.
*¶Pres. Sec. Treas. Mgr. &
Cont. Agt. S. L. Rockwell......Jordan
Supt. E. S. Mann.................... "
Engr. Pwr. Sta. A. D. Smith........ "

3 a.c. G.E. tot. 120 kw. 1040 v. s. ph. 125 cys; 2 d. c. arcs G. E; no day cir; 60 hp. e. St. L; 150 hp. wtr. wh. Leffel; 250 hp. b. K. F. & M.

City cont. 102 incs. 80 w. 6.6 amp. $16.66 per yr; moonlt. (Co. also lts. Elbridge.)

L S W 1 ✠ 125

**KATONAH**, 625 — Katonah Ltg. Co.; cap. $75,000; bds. $61,500.
Pres. Edward P. Barrett.........Katonah
V. Pres. Daniel J. Smith ........... "
*Sec. & Mgr. Arthur M. Cornell.. "
Treas. Robertson T. Barrett..... "
Engr. Pwr. Sta. Harry Knowles
Bedford Hills

2 a. c. Ft. W. —kw.—v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; — hp. e. Ball; 200 hp. b. Dillon.

City cont. 71 incs. 5.5 amp; all nt; coal. (Also lts. Cross River, Bedford and Bedford Hills.)

D L S 1 2 ✠ 125

**KEENE**, 400—Ausable Valley Lt., Ht. & Pwr. Co.; cap. issued $300.
Pres. Wallace Murray......Saranac Lake
V. Pres. C. F. Carpenter.... "
*Sec. A. K. Batsford........ "
Treas. & Mgr. E. W. Parker.......Keene

1 a. c. Stan. 120 kw. 2200-110 v. 2 ph. 133 cys; no day cir; 150 hp. turb. (wtr.)

City cont. 30 incs. 32 c. p. $7 per yr.

L W 2 ✠ 23

**KEESEVILLE**, 1,835—Northern Adirondack Pwr. Co. (Pwr. plants in Keeseville and Ausable Chasm); cap. $30,000; bds. $40,000.
¶ Pres. Thos. O'Connor........Waterford
V. Pres. K. J. Severance.........Keeseville
Sec. E. J. Powers.....................Troy
Treas. W. P. Dauchy.................. "
*Supt. A. L. Calkins...............Keeseville
Engr. Pwr. Sta. Artis Calkins.. "

1 a. c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; 1 d.c. G.E. 150 kw. 550 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. — v. s. & 3 ph. 60 cys; 500 hp. turb. Tri; 4 transf. G. E. 100 kw.

City cont. 39 arcs; 76 incs; all nt. (Co. also lts. Ausable Chasm, Ausable Forks, Peru & Port Kent.)

C D L W 3 ✠ ★16

**KENMORE**, 1,020—Buffalo Gen. Elec. Co. See Buffalo.

**KERHONKSEN**, 546 — *C. H. Stokes Lt. Co.

Purchases energy from Honk Falls Pwr. Co.; 2300 v. s. ph. 60 cys.

L 1 125

**KINDERHOOK**, 698—Albany Southern R. R. Co. See Hudson.

City cont. 4 enc. arcs $66 per yr; 54 incs. 25 c. p. $13.20 per yr. Com. lts. 14 cts. per kw. hr; moonlt; 1 A. M.

L 16

**KINGSTON**, 25,908—Kingston Gas & Elec. Co., 608 Broadway. (Consol. Rondout & Kingston Gas Co. & Kingston Elec. Lt., Ht. & Pwr. Co.) (Controlled by The American Gas Co., 7th & Locust Sts. Philadelphia, Pa.)
Pres. Morris W. Stroud,
7th & Locust St., Phila., Pa.
V. Pres. S. P. Curtis....... " " "
Sec. W. L. Fox ............ " " "
Treas. J. B. Townsend, 3rd " " "
Mgr. F. Tobey, Jr.
611 Broadway, Kingston
Asst. Mgr. C. R. Stull. " "
¶ Pur. Agt. F. D. Wharton,
7th & Locust Sts., Phila., Pa

Purchases energy from Honk Falls Pwr. Co. 33,000-13,200 v. 3 ph. 60 cys; 4 transf. West. G. E. tot. 1100 kw; 3 a. c. G. E. tot. 500 kw. 2300 v. 2 ph. 60 cys; 10 rect. 160 kw; a. c day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 2 & 3 ph. 60 cys; 700 hp. e. A. & S; 600 hp. b. Bab. & W, Bigelow.

City cont. 450 arcs magn 4 amp. $70 & $80 per yr; 703 Mazdas 40 w; all nt; coal $4. (Co. also lts. Esopus, Hurley, Rondout and Ulster.)

D L S 2 3 ★16

H. W. Palen's Sons Elec. Wood Working Factory, 519 Broadway, Kingston.
*¶Pres. & Mgr. F. H. Humphrey, Kingston
V. Pres. E. N. Palen............. "
Sec. M. M. Solomon..............New York
Treas. M. Somter...................Kingston
Engr. Pwr. Sta. Frank Brown... "

3 d. c. G. E. tot. 290 kw. 220 v; 380 hp. e. B. & W, Bckye; 400 hp. b. Robb M, Sutherland.

(Co. sells energy to manufacturers.)

C S T 45

**KNOWLESVILLE**, 400—A. L. Swett Lt. & Pwr. Co. See Medina.

City cont. 9 mult. Mazdas 32 c. p. $24 per yr. all nt.

L 125

**LACKAWANNA**, 14,549—Buffalo Gen. Elec. Co. See Buffalo.

**LAKE GEORGE**, 632 — Adirondack Elec. Pwr. Corp. For executive officers, see Glens Falls.
Local Supt. Capt. Wood Lake George

Energy from Hudson Valley R. R. Co.; 1 transf. G. E. 75 kw; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 127 v. s. ph. 40 cys.

City cont. 68 series inc. 1.75 amp. $20.40 per yr; all nt.

D L 1 16

**LAKE PLACID,** 1,682—Munic. Elec. Lt. Plant.
*Vil. Pres. O. Weaver........Lake Placid
Treas. Jno. McGuckin........ "
Supt. & Ch. Elecn. D. Bell... "

2 a. c. West. tot. 265 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 250 hp. e. Atlas; 250 hp. b. Atlas; 390 hp. turb. (wtr.) Risden.

19 city arcs a. c. series 6.6 amp; 75 series incs. 6.6 amp; coal $4.65. (Will secure energy from Paul Smith's Elec. Lt. & Pwr. & R. R. Co.)

D L S W 2 125w

**LAKEWOOD,** 564—Western New York Elec. Co. See Jamestown.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 25 cys.

City cont. 116 incs. 40 c. p. $12 per yr; hours.

D L 1 3 25

**LANCASTER,** 5,364 — The Depew & Lancaster Lt., Pwr. & Conduit Co. Gen. office, 173 Central Ave.; cap. outstg. $500,000; bds. outstg. $1,000,000.
Pres. Geo. R. Teller
314 Ellicott Sq., Buffalo
V. Pres. Geo. A. Davis
2 E. Main St., Lancaster
Sec., Treas. & Mgr. Ernest Feyler
212 Cazenovia St., Buffalo
Audr. Chas. H. Mohr,
25 Holland Ave., Lancaster
*¶Supt. A. R. Tremaine,
41 Maple Ave..... "

Energy from Niagara and Lake Erie Pwr. Co.; 4 rect. West. tot. 300 lt; 90 transf. West. tot. 1200 kw. 11,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 118 v. 25 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 247 met. flame arcs $65 per yr; 65 incs. 32 c. p. $17 per yr; 111 incs. 60 c. p. $22 per yr; all nt. (Co. also lts. West Seneca, Bellevue, Forks, Gardenville, Ebenezer, Winchester, Depew, Sloan, Doyle and Cheektowaga.)

D L 1 3 ✣ 25

**LARCHMONT,** 1,958—Westchester Ltg. Co. See New Rochelle.

**LA SALLE,** 1,299—Suburban Pwr. Co. See Niagara Falls.

**LAWRENCE,** 1,189—Queens Borough Gas & Elec. Co. See New York City.

**LE ROY,** 3,771—Le Roy Hydraulic Elec. Gas Co. Gen. office, 7 Mill St; cap. $85,000; bds. $60,500.
Pres. Chas. F. Prentice...........Le Roy
*¶V. Pres., Treas., Mgr. &
Cont. Agt. D. C. H. Prentice... "
Sec. John C. Ross.................. "
Supt. Walter Carmichael.......... "
Engr. Pwr. Sta. Deforest Shippey "

4 a. c. Westg, G. E, Allis-C. tot. 1190 kw. 1100 & 2200 v. s. & 3 ph. 60 cys; 1 d. c. G. E. 110 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 60 cys; 635 hp. e. McC, Erie, Bates; 410 hp. turb. (wtr.) McCormick; 850 hp. b. Erie City, Keeler.

City cont. 61 arcs 2000 c. p. $60 per yr; 3 Tung. 75 w. 60 c. p. $20 per yr; moonlt; mdnt; coal $2.75.

C D L S W 1 3 ✣ 25

**LESTERSHIRE,** 3,775—Binghamton, Lt. Ht. & Pwr. Co. See Binghamton.

**LEWISTON,** 713—Lewiston & Youngstown Frontier Ry. Co. Office, 604 Ellicott Sq., Buffalo.
Pres. J. T. Jones.................Buffalo
*V. Pres. & Mgr. Bert L. Jones.... "
Sec. & Treas. Robt. E. Powers.... "
Audr. E. H. Buddenhagen..Niagara Falls
Supt. E. E. Nicklis......... "
Consulting Engrs.
White & Getman.........Niagara Falls

Purchases energy from Niagara, Lockport & Ontario Pwr. Co. at 11,000 v. a. c. converted into 600 v. d. c. (Co. operates trolley line and does ltg. in Lewiston & Youngstown.)

C R ★125

Lewiston & Lake Ontario Shore Power Co.; cap. outstg. $25,000; bds. $15,000.
Pres. C. H. Tugwell..............Wilson
*Sec. & Mgr. C. J. Baker........Lewiston
Treas. J. B. Scovell.............. "

Purchases energy from Niagara, Lockport & Ontario Pwr. Co.; 5 transf. West. tot. 250 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220-2200 v. 3 ph. 25 cys.

City cont. 82 incs. 250 w; all nt. (Co. also lts. Youngstown and Porter; sells energy to Bryant Pwr. Co.)

D L 3 16

**LIBERTY,** 2,072—Liberty Lt. & Pwr. Co.; cap. outstg. $25,000.
Pres. Henry R. Taylor. ⎱ 20 Exchange Pl.
V. Pres. Moses Taylor. ⎰ New York
Sec. & Treas. James J. Donohue..Loomis
*¶Mgr. & Cont. Agt.
M. R. Sloan.....................Liberty
Engr. Pwr. Sta. Wm. Sunderland "

2 a. c. West. G. E. tot. 225 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 220 v. s. ph. 60 cys; 300 hp. e. McI. & S; 300 hp. b. Hogan, Bab. & W.; 250 kva. (stm.) turb. West.

City cont. 109 incs. "C" 80 c. p. (21), 60 c. p. (7), 32 c. p. (76), 16 c. p. (5), tot. $1,600 per yr; 4000 hrs; coal $3. (Also lts. Ferndale, Stevensville and Loomis.)

D L S 1 ✣ 16

**LIMA,** 866 — Lima-Honeoye Lt. Co; cap. $50,000; no bds.
Pres. M. G. Gould..................Lima
*¶Sec. & Gen. Mgr. Donald M. Lewis. Avon
Treas. —— —— ..................... "
Supt. A. F. Warner.................Lima
Ch. Engr. M. D. Gould..............Avon

Energy purchased from Livingston-Niagara Pwr. Co.; 3 transf. G. E. tot. 300 kva; 2 a. c. West. tot. 150 kw. 2200-220 v. s. ph. 60 cys; 1 d. c. Walker 175 kw. 550 v; a. c. day & nt. ltg. cir. 110-220 v. 25 cys; 375 hp. e. Erie, Ball; 450 hp. b. Bab. & W.

City cont. 20 tung. 425 w. $50 per yr; moonlt. midnt; coal $2.40. (Co. also lts. Honeoye Falls.)

C D L S 1 ✣ ★115w

**LINDENHURST,** 1,265 — Long Island Ltg. Co. See Babylon.

**LITTLE FALLS,** 12,273—Utica Gas & Elec. Co. For executive officers, see Utica.
Mgr. H. P. Collins..........Little Falls
Supt. John McGreene.................Ilion
Ch. Engr. T. Scullan..........Little Falls
Ch. Elecn. Robt. Dodge...... "

5 d. c. arc T-H; 2 d. c. pwr. —— 400 kw. 500 v; 1 a. c. Westg. 350 kw. 2400 v. 2 ph, 60 cys; a. c. day cir; d. c. pwr. cir. 500 v; 400 hp. e. McI. & S; 400 hp. turb. McCormick; 600 hp. b. Hortz.

City cont. 150 arcs 2000 c. p. $35 per yr; 10 incs. 32 c. p. $12 per yr; all nt; coal $3.

C D L S W 2 23

**LITTLE VALLEY,** 1,368 —Water & Light Commission (Munic.); cost $23,000; bds. $20,800.
Pres. J. T. Reed..............Little Valley
V. Pres. W. C. Parker....... "
*Sec. J. B. Brown............ "
Treas. E. McCarthy........... "
¶ Engr. Pwr. Sta. G. S. Boller. "

2 a. c. West. Bull. tot. 240 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir

110 v; 400 hp.e. Allis-C., Skinr; 400 hp.b. McEwen.

175 city Mazda series 100 w. 10 cts. per kw; mdnt; coal $2.40.

D L S 1 ✠ 84

**LIVERPOOL,** 1,388—Syracuse Ltg. Co. See Syracuse.

**LIVINGSTON MANOR,** 738 — The Livingston Manor Elec. Co.; cap. $32,000.

Pres. F. M. Woolsey............Hancock
V. Pres. V. A. Finch...Livingston Manor
*¶Sec. Treas. & Mgr.
W. R. Woolsey.......... "
Engr. Pwr. Sta. Edward York "

1 a. c. Stan. 65 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 120 hp. e. Erie; 130 hp. turb. (wtr.) Pelton; 180 hp. b. Erie.

City cont. 21 incs. 16 c. p. $12 per yr; all nt; coal $2.30. (Also lts. Roscoe, Rockland, Youngsville & Jeffersonville.)

L S W 2 ✠ 113

**LIVONIA,** 823—Livonia Lt. & Ht. Co. Office, Isham Bldg., Avon; cap. $12,000.

Pres. Wm. W. Dake............Rochester
V. Pres. Q. W. Hershey, Wilkinsburg Pa.
*¶Sec., Treas. & Mgr.
Donald M. Lewis....................Avon
Audr. Matthew A. Herron........... "
Gen. Supt. Fred M. Rowe............ "

Purchases energy from Livingston-Niagara Pwr. Co.; a. c. day & nt. ltg. cir. 112 v. 25 cys; a. c. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 54 carbon 32 c. p. $13.90 per yr; moonlt; 11 P. M.

D L 3 ★125

**LOCKPORT,** 17,970—Lockport Lt. Ht. & Pwr. Co. (Consol. of Lockport Gas & Elec. Lt. Co. & Economy Lt. Fuel & Pwr. Co.) (Controlled by United Gas & Elec. Co., 61 Broadway, New York, N. Y.); cap. $150,000; bds. $750,000.

Pres. S. J Dill.............New York City
V. Pres. Geo. Bullock..... " "
Sec. & Treas. Henry Morgan " "
Asst. Sec. & Asst. Treas. R. Buchanan, Jr.
Lockport
Gen. Mgr. E. Z. Wallower........ "
Supt. E. L. Benton .............. "
Cont. Agt. F. M. Houston...... "
Supt. Elec'l Dept. George Derby "
Ch. Engr. W. Butler............ "

4 d. c. arc Mch. G. E. tot. 208 kw; 5 a. c. Westg. G. E. tot. 1355 kw. 2300 v. 2 & 3 ph. 25 and 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 12,000-2300 v; 1440 hp. e. Ball, H. F. & M; 500 hp. turb. (wtr.) Smith; 1530 hp. b. Stir. Heine.

City cont. 584 arcs magn. 6.6 amp. $50 per yr; all nt; coal $2.80.

C D L S W 2 3 ✠ ★115W

**LONG BEACH,** 107—Long Beach Pwr. Co. Office, 70 E. 45th St., New York City; cap. $200,000; bds. $100,000.

*Pres. & Mgr. Johnston Livingston,
New York
Sec. & Treas. E. O. Anderson.. "
Supt. R. M. Olyphant, Jr.....Long Beach

2 a.c. G.E. 400 kw. 2300 v. 2 ph. 60 cys; G. E. arc 25 lt; 730 hp.e. B. & W; 300 hp. b. Erie, C.

Private cont. 200 tung. 40 w. $25 per yr; all nt; coal.

L S 2 ✠ 125

**LONG ISLAND CITY**—New York & Queens Elec. Lt. & Pwr. Co. See Borough of Queens, New York City.

**LOUDONVILLE,** 300 — Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 40 cys.

D L 1 16

**LOWVILLE,** 2,940—Wetmore Electric Co.; gen. sta. at Belfort; cap. outstg. $40,000; bds. $30,000.

Pres. C. D. Moore..................Lowville
V. Pres. Mrs. Christina Schraub. "
*Sec. C. S. Mereness ............. "
Treas. H. A. Petrie................ "
Supt. C. W. Harrison............. "

2 a. c. G. E. tot. 1000 kw. 2200 v. 2 ph. 60 cys; trans. v. 20,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 2 & 3 ph. 60 cys; 1500 hp. wtr. wh. Cam.

City cont. 58 arcs enc. 6.6 amp. $50 per yr; 54 incs. 80 & 100 w. $5 to $12 per yr; moonlt; all nt. (Co. also lts. Croghan, Lowville, Naumburg, Belfort, Beaver Falls and Castorland.)

D L W 2 3 ✠ 125

**LYNBROOK,** 1,800—Queens Borough Gas & Elec. Co. See New York City.

**LYNDONVILLE,** 512 — A. L. Swett Elec. Lt. & Pwr. Co. See Medina.

3 transf. G. E. tot. 300 kw. 11,000-2300 v; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 33 Mazdas 60 c. p. $30 per yr; all nt.

D L 1 3 125

**LYONS,** 4,460—Central New York Gas & Elec. Co. For executive officers, see Geneva.

Supt. J. E. McSweeney.............Lyons

3 a. c. G. E. tot 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v; 800 hp. e. B. & W; 500 hp. b. ——; 150 hp. wtr. wh. Smith; also purchases energy from Niagara, Lockport & Ontario Pwr. Co.; 3 transf. G. E. tot. 450 kw.

City cont. 11 arcs 6.6 amp. $93 per yr; 5 3-lt. clusters series 6.6 amp. $44 per yr; 126 incs. series 6.6 amp. 80 c. p. $23 per yr; all nt; coal $2.75.

D L S W 3 ★26

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*Niagara, Lockport & Ontario Pwr. Co. See Buffalo.

**LYONS FALLS,** 759—Elec. Lt. Plant; cost $8,294.07.

*Owner & Mgr. G. H. P. Gould
Lyons Falls

— hp. turb.

City cont. 13 arcs 700 c. p. $40 per yr; 11 incs. 32 c. p. $12 per yr; 1 A. M.

L W 75

**MACEDON,** 536—Macedon Milling Co. (Not incorp.)

Owners { *Edwin Youngs.......Macedon
Minnie A. Youngs.... "
Supt. & Engr. Edwin Youngs... "

Energy purchased from Rochester Ry. & Lt. Co.; 3 transf. Kuhlman tot. 120 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110 v. s. ph. 25 cys.

(Co. sells energy in bulk to city.)

D L 1 ✠ 23

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*Munic. Elec. Ltg. System.

Purchases energy from Macedon Milling Co.

City ltg. 15 arcs A-B. 2000 c. p. $40 per yr; 10.30 & 11.30 P.M; coal $3.34.

L 22

**MADISON,** 309—Solsville Elec. Lt. & Pwr. Plant. See Solsville.

City cont. 24 incs. 40 c. p. $15 per yr.; A. M.

L 23

**MADRID,** 800—Madrid Elec. Lt. Co. Inc; cap. $6,800.

*Pres., Treas. & Mgr.
A. D. Whitney....................Madrid
V. Pres. A. C. Meeker.............. "
Sec. F. J. Merriman............... "

1 a. c. West. 600 kw. 1100 v. s. ph. 133 cys; no day cir; 75 hp. turb. wtr. wheel Camden; 50 hp. e. West; 125 hp. b. Watertn.
City cont. 65 incs. 40 w. $11.35 per yr.
L S W 1 ✣ 35

**MALONE,** 6,467—Malone Lt. & Pwr. Co. Office, 8 East Main St. (4 gen. stas. in Malone and 1 at Chasm Falls); cap. $150,000.
Pres. M. S. Wilder..............Watertown
V. Pres. B. R. Clark..................Malone
Sec. & Treas. H. C. Wilder........ "
*¶ Supt. S. G. Hunter.............. "
Ch. Engr. H. B. Brand............ "
Engr. Pwr. Sta. Sam Degon........ "
6 a. c. West. G. E. tot. 3655 kw. 2400 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 2300 440-220 v. 2 ph. 60 cys; 250 hp. e. H. O. & R; 4485 hp. turb. (wtr.) Smith; 250 hp. b. Phoenix; also buys energy from Chasm Pwr. Co.; 7 transf. G. E. tot. 3520 kw.
City cont. 86 arcs enc. 450 w. $50 per yr; 109 Mazdas 60 w. $15 per yr; all nt. (Co. also lts. North Bangor, South Bangor, West Bangor and Whippleville.)
D L S W 2 3 ✣ 25

**MAMARONECK,** 5,699—Westchester Ltg. Co. See New Rochelle.

**MANCHESTER,** 881—Ontario Lt. & Trac. Co. See Canandaigua.
City cont. 36 incs. 40 c. p. $18 per yr; 3 incs. 80 c. p. $24 per yr.
1 A. M.
L 75

**MANLIUS,** 1,314—Manlius Elec. Lt. Plant; cost $35,000.
*Owner & Mgr. W. J. Phillips...Manlius
Ch. Elecns. Phelps & Shoffer..... "
1 a. c. C-W. 100 kva. 2300 v. s. ph. 25 cys; 1 d. c. West. 15 kw. 110 v; 1 d. c. West. 50 lt; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 220 v. 3 ph. 25 cys; d. c. ltg. & mo. cir. 110 v; 216 hp. turb. Camden; also purchases energy from Niagara Falls Pwr. Co.
City cont. 26 arcs enc. 6.6 amp. $54 per yr; 1:15 A. M. (Co. also lts. Chittenango.)
C D L W 1 3 ✣ 35

**MARATHON,** 1,079—Munic. Elec. Lt. Plant; cost $10,000; bds. auth. & issued $8,500, 3½ p. c. int.
Pres. E. L. Adams...............Marathon
*¶ Clerk, J. W. Livingston..... "
Ch. Engr. & Elecn. Jason Watrous "
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day (once a week) & nt. ltg. cir. 110 v; 100 hp. e. St. L; 125 hp. b.
City cont. all nt; coal.
D L S 3 75

**MARCELLUS,** 917—Marcellus Ltg. Plant.
Pres. Sidney Slocombe...........Marcellus
*Sec. Treas. & Mgr. F. W. Knapp "
Energy purchased from Syracuse Ltg. Co; 8 transf. West. 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110 v. 3 ph. 25 cys.
City cont. 40 tung. 100-200 c. p. $22.50 & $32.50 per yr; moonlt.
D L 3 ✣ 125

**MARION,** 2,102—Marion Pwr. Co.; cap. stock $9,000; bds. $10,000.
*Pres. G. R. Mills.....................Sodus
Sec. C. W. Mills...................... "
Treas. W. H. Richardson............ "
Purchases energy from Sodus Gas & Elec. Lt. Co.; a. c. day & nt. ltg. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 50-40 w. tung. $20 per yr.
D L 1 3 125

**MARLBORO,** 1,460—Central Hudson Gas & Elec. Co. See Newburgh.

**MASSENA,** 2,951—The Massena Elec. Lt. & Pwr. Co.; cap. outstg. $50,000.
*Pres. & Mgr. F. A. Stoughton...Potsdam
Sec. Geo. R. Gibbons...... Pittsburg, Pa.
Treas. Paul B. Murphy...........Potsdam
Purchases energy from St. Lawrence River Pwr. Co. 2080 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 115 v.; a. c. day & nt. mo. cir. 110-220-440-2200 v. 3 ph. 25 cys.
City cont. 52 series 4 amp. $55 per yr; 10 incs. 32 c. p. $15.50 per yr; all nt.
D L 3 ✣ ★125

St. Lawrence Riv. Pwr. Co; cap. auth. & outstg. $6,500,000; Pittsburgh office, 2400 Oliver Bldg.
Pres. A. V. Davis........Pittsburgh, Pa.
*V. Pres. G. R. Gibbons.. " "
Treas. R. E. Withers.... " "
¶Pur. Agt. J. S. Murray..........Massena
Co. owns canal 3½ mi. long from St. Lawrence Riv. to pwr. plant in Massena; 80,000 hp. capacity. (Entire output sold to The Massena Elec. Lt. & Pwr Co. and Aluminum Co. of America.)
T W X 125

**MAYVILLE,** 1,122—Munic. Elec. Lt. Plant; cost $10,000; bds. $11,200.
Pres. Bd. W. S. Patterson.......Mayville
Clerk, W. H. Scofield............ "
*Supt. Geo. Hardenberg.......... "
Purchases energy from Chautauqua Trac. Co; 3 transf. West. 90 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.
146 Mazdas 60 & 40 w.; moonlt.
D L 3 ★16†

**MECHANICSVILLE,** 6,634—Mechanicsville Elec. Lt. & Gas Co.; cap. auth. & pd. in $5,000; no bds.
*Pres. Treas. & Mgr. Edwin Farrow
Willow Glen
V. Pres. A. Greenway..............Cohoes
Sec. M. J. Farrow ..........Willow Glen
2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; 225 hp. e. W-C; 200 hp. turb. (wtr.) Swain; 300 hp. b. Ames, Atlas.
Coal $3.20.
D L S W 3 16

The Halfmoon Lt., Ht. & Pwr. Co.; cap. auth. $85,000; bds. $75,000.
Pres. J. C. Duncan.........Mechanicsville
V. Pres. E. H. Strang..... "
Sec. H. O. Bailey.......... "
Treas. & Mgr. W. L. Howland "
*¶ Supt. & Cont. Agt. H. G. Lake "
Engr. Pwr. Sta. F. Farington "
1 a. c. G. E. 150 kw. 2300 v. 3 ph. 40 cys; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v; 250 hp. e. Fishkill; 200 hp. b. Atlas; also purchase energy from Adirondack Elec. Pwr. Corp.
City cont. 31 arcs 6.6 amp. $60 per yr; 340 Mazdas 32 c. p. $10 per yr; all nt; coal $3. (Co. also lts. Stillwater.)
C D L S 3 ✣ 125

**MEDINA,** 5,683—A. L. Swett Elec. Lt. & Pwr. Co. Pwr. plants at Medina and Waterport; cap. $300,000; bds. $300,000.
Pres. A. L. Swett......................Medina
V. Pres. L. M. Swett................ "
Sec. R. F. Swett..................... "
*Treas. & Mgr. Chas. S. Swett.... "
Supt. G. W. Ide...................... "
Total equip: 7 a. c. G. E. tot. 2350 kw. 2300 v. 3 ph. 25 & 60 cys; 1 d. c. G. E. 150 kw. 275 v; 2 rect. G. E. tot. 100 lt; trans. 11,000 v. 3 ph. 25 cys; a. c. day & nt ltg. cir. 110 v. 25 & 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys; d. c. mo. cir. 220 v; 250 hp. e. Allis C; 3050 hp. turb. (wtr.) W. S. M., Smith; 300 hp. b. Erie City; also purchase energy from Ni-

agara, Lockport & Ontario Pwr. Co.; 60,000-11,000 v; 3 transf. G. E. tot. 1500 kw. 11,000-2300 v; 2 mo. gen. G. E. tot. 525 kw.

City cont. 104 arcs magn. 4 amp. $70 per yr; 18 series Mazdas 32 c. p. $24 per yr; all nt. (Co. also lts. Albion, Knowlesville, Eagle Harbor, Clarkson, Yates, Middleport, Brockport, Shelby, Lyndonville, Carlton, Gasport, Barker, Somerset, Waterport, Gaines, Hulberton, and sells energy in bulk to village of Holley.)

C D L S W 3 125

**MEXICO,** 1,233 — Mexico Elec. Co.; cap. $11,500; bds. $25,000.
¶ Pres. & Treas. S. B. Storer...... 724 University Block, Syracuse
V.Pres. & Sec. E. M. White "
*Mgr. R. L. Houghton ............Mexico

1 a. c. West. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 25 cys; 80 hp. turb. (wtr.) Cam. Hunt.

Alse purchases Niagara power from Oswego River Pwr. Trans. Co.; 2 transf. West. tot. 100 kw.

City cont. 68 incs. Tung. 250 c. p. $23.50 per yr; 1 a. m.

D L W 1 3 ✠ 75

**MIDDLEBURGH,** 1,114—Middleburgh & Schoharie Elec. Lt., Ht. & Pwr. Co.; pwr. plant in Frisbieville (No P. O.); cap. $40,000; bds. $10.000.
*¶Pres. & Mgr. D. D. Frisbie Middleburgh
V. Pres. H. S. Manning..... "
Sec. G. N. Frisbie...........Schenectady
Treas. F. A. Sullivan.......Middleburgh
Ch. Engr. & Elecn. E. A. Haverly............. "

1 a. c. G. E. 150 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 150 hp. e; 100 hp. turb; 150 hp. b.

City cont. 16 arcs 1200 c. p. $65 per yr; 26 incs. 32 c. p. $20 per yr; coal $3.60. (Co. also lts. Schoharie.)

L S 3 ✠ 25

**MIDDLEPORT,** 1,530—A. L. Swett Elec. Lt. & Pwr. Co. See Medina.

**MIDDLETOWN,** 15,714 — Orange County Ltg. Co.; cap. $100,000; bds. $390,000.
Pres. L. C. Purdy..............Middletown
V. Pres. A. W. Preston...... "
Sec. Theo. L. Reeves......... "
Treas. Archibald Taylor....... "
*Mgr. Elec. Dept. Laurent Heaton............ "
Supt. Elec. Dept. F. K. Gaffney. "
Engr. Pwr. Sta. H, A. Cox,.... "

3 a. c. Allis-C, G. E. tot. 1300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 1730 hp. e. B. & W; 1250 hp. b. Bab. & W.

City cont. 77 arcs 6.6 amp. enc. 1200 c. p. $75 per yr; 410 "C" Mazdas series. 60 c. p. $16 per yr; 17 4-lt. posts Mazdas mult. 100 w. $60 per post per yr; all nt; coal $2.80.

D L S 3 125

**MIDDLEVILLE,** 625 — Elec. Lt. Co.; cap. $8,700.
¶ Pres., Mgr. & Supt. Fred W. Begent Middleville
V. Pres. Anna F. Begent...... "
Sec. & Treas. Florence D. Begent "
*Ch. Engr. & Elecn. A. Lonsdale "

1 a. c. T. H. 45 kw. 1100-110 v. 2 ph. 60 cys; no day cir; 120 hp. turb. (wtr.) Camden.

City cont. 23 Mazdas $40 per yr; moonlt; hours.

L W 2 113

**MILLERTON,** 858—Millerton Elec. Lt. Co.; cap. $7,500.
Pres. Fred'k P. Royce.....Boston, Mass.
V. Pres. Guy L. Weymouth "
Sec. Henry B. Sawyer...... "
Treas. W. T. Crawford.... "
*Mgr. H. E. Lyles..........Canaan, Conn.
Local Mgr. R. S. Mathes........Millerton

Purchases energy from The Connecticut Pwr. Co. at Canaan; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 5 arcs a. c. $50 per yr; 54 incs. 20 c. p. $15 per yr; mdnt.

D L 1 3 ✠ 125

**MILTON,** 1007—Central Hudson Gas & Elec. Co. See Newburg.

**MINEOLA,** 1,981—Nassau Lt. & Pwr. Co. Pwr. plant in Glenwood. (Consol. Roslyn Lt. & Pwr. Co., Franklin Elec. Illg. Co., North Hempstead Lt. & Pwr. Co., Municipal Elec. Lt. Plant of Hempstead, Oyster Bay Elec. Lt. & Pwr. Co., Nassau Gas, Ht. & Pwr. Co and Floral Park Lt. & Pwr. Co.); cap. $969,000; bds. $770,000.
Pres. E. D. Morgan, 100 B'way, New York
V. Pres. Percy Chubb, William St., "
*Sec. R. O. Wilson...100 B'way, "
Treas. C. I. Reeves.. " "
Mgr. E. H. Mather..........Mineola, L. I.
Cont. Agt. F. H. Maidment " "
Supt. J. Sarano........... " "

4 a. c. G. E. West. tot. 5900 kw. 2200-220-110 v. 2 ph. 60 cys; mo. cir. 220 v; 5900 kw. stm. turb. G. E., West; 2850 hp. b. Bab. & W.

City cont. 3264 incs. 20 & 30 c. p. $15 & $20 per yr; all nt; coal $3.10. (Co. also lts. Westbury, Hempstead, Baldwin, Roslyn, New Hyde Park, Great Neck, Port Washington, Hicksville, Sea Cliff, Oyster Bay, Floral Park and Glen Cove.)

N S 2 ✠ 24

***MINETTO,** 400—Niagara, Lockport & Ontario Pwr. Co. See Buffalo.

**MINEVILLE,** 700—Mineville Lt., Ht. & Pwr. Co.; cap. $10,000.
Pres. H. Comstock..............Mineville
V. Pres. S. H. Witherbee ....... "
Sec. & Treas. W. V. Bartlett.... "
*Mgr. H. F. Pigg................ "

Purchases energy from Witherbee Sherman & Co.; 22 transf. G. E. tot. 575 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys.

City cont. 158 series tung. 50 w. $12.66 per yr; all nt. (Co. also lts. Witherbee.)

D L ★16

**MOHAWK,** 2,079 — Munic. Elec. Lt. Plant; cost $24,000; bds. $14,750.
Chmn. Bd. W. A. Rockefeller....Mohawk
*Supt. F. D. DuBois........... "

Purchases energy from Utica Gas & Elec. Co.; 2 transf. West. tot. 200 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. 2 ph. 60 cys.

31 city arcs West. 7.5 amp. $60.50 per yr; 20 lts. G. E. 250 w. $30; all nt.

D L 2 25

**MOOERS,** 522—Mooers Elec. Lt. Co.; cap. outstg. $5,000; cost $8,000.
*Pres., Treas. & Mgr. H. W. Knapp....................Mooers
V. Pres. F. E. Fillmore............ "
Sec. M. H. Knapp................. "

1 a. c. West. 50 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 125 hp. wtr. wh. Lef.

City cont. 45 incs. 80 c. p. $10 per yr. all nt.

D L W 3 §16

**MONROE,** 1,195—Orange & Rockland Elec. Co.; cap. $100,000: bds. $133,000.
*¶Pres. & Mgr. R.W. Smith......Monroe
V. Pres. A. J. Crane............... "
Sec. Zael Paddleford............. "
Treas. Frank Durland............Chester

3 a. c. West. G. E. tot. 2175 kw. 2200 v. 3 ph. 60 cys; trans. 11,000-22,000 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 2050 hp. e. Weth, McI. & S; 625 hp. turb. (stm.) West; 625 hp. b. Delaney McE.

City cont. 565 Mazdas 32 c. p. $15 per yr; all nt; coal $3.25. (Co. also serves Chester, Washingtonville, Woodbury Falls, Oxford Depot, Harriman, Highland Mills, Goshen, Warwick, Greenwood Lake, Florida and Central Valley.)

D L S 1 3 75

**MONTICELLO,** 1,971 — Murray Elec. Lt. & Pwr. Co.; cap. outstg. $17,000; no bds.

*¶Pres. Mgr. & Gen. Supt.
P. C. Murray................Monticello
V. Pres. & Treas.
D. Murray.................. "
Audr. L. Block.................. "
Supt. Ovhd. Distribn.
Thomas Vane............... "
Ch. Engr. & Engr. Pwr. Sta.
Joseph Murray............... "

2 a. c. G. E. tot. 216 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 275 hp. e. B. & W; 450 hp. b. Heine, Hogan.

City cont. 200 Mazdas 40 w. $15.50 per yr; all nt; coal $1.25 & $1.30. (Also lts. Thompson and Follsburg; will lt. Centreville and Hurleyville.)

D L S 3 ✣ ★125

**MONTOUR FALLS,** 1,208 — Elmira Wtr., Lt. & R. R. Co. See Elmira.

a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 2 ph. 60 cys.

City cont. 60 incs. Tung. 40 c. p. $26 per yr; all nt; coal.

D L 1 2 25

**MORAVIA,** 1,324—Moravia Elec. Lt., Ht. & Pwr. Co. Gen. office, 122 Genesee St., Auburn; 2 gen. stas. in Moravia; cap. $20,000.

Pres. John Taber, 122 Genesee St., Auburn
V. Pres. Wm. Fitts...............Moravia
Sec. W. J. H. Parker............... "
*¶Treas. & Mgr.
Lewis C. Reynolds.............Auburn

2 a. c. G. E. tot. 240 kw. 2080 v. s. ph. 125 cys; a. c. nt. ltg. cir. 104 v; 125 hp. e. B. & W; 200 hp. turb. (wtr.) Smith; 125 hp. b. Erie.

City cont. 88 Mazdas 100 w. $16.50 per yr; mdnt.

L S W 1 125

**MORRISTOWN,** 540 — Gregory Elec. Co., Inc. (Successor to Northern Lt. Co.)

*Owner A. W. Gregory........Morristown

Purchases energy from W. H. Comstock Co. (Ltd.); 7 transf. G. E. 35½ kw; a.c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110 v. s. ph. 60 cys.

City cont. 32 incs. series 32 c. p. $15 per yr; moonlt. (Erecting trans. line to Heuvelton, and will purchase energy from Northern Pwr. Co. through St. Lawrence Trans. Co.)

L 1 ✣ ★125

* **MORRISVILLE,** 500—Eaton-Morrisville Pwr. Co. See Eaton.

Elecn. Ray Choate.................Eaton

Trans. to Peruville.

L 125

**MT. KISCO,** 2,802 — Westchester Ltg. Co. For executive officers, see Mt. Vernon.

Supt. P. E. Collins.............Mt. Kisco

a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo. cir. 106-212 v. s. & 2 ph. 60 cys.

Vil. cont. (Mt. Kisco) 189 incs. 20 c. p; (New Castle) 136 incs. 20 c. p; all nt.

D L 1 2 26

**MT. MORRIS,** 2,782—Mt. Morris Illg. Co.; cap. auth. & pd. in $9,000, 6 p. c. div.

Pres. J. C. Winters............Mt. Morris
V. Pres., Sec. & Treas.
J. M. Prophet............... "
*Mgr. & Gen. Supt. F. M. Goff "

1 a. c. West. 120 kw. 400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 400 v. 2 ph. 60 cys; 150 hp. wtr. wh. Smith, McC.

City cont. 53 "C" Mazdas 400 c. p. $57 per yr; 28 "C" Mazdas 80 c. p. $15 per yr; 1.30 A. M.

D L W 2 25

**MT. VERNON,** 49,840—Westchester Ltg. Co., First Ave. & First St. Pwr. plant at New Rochelle; cap. $12,500,000; bds. $21,825,000.

Pres. F. A. Stratton...........Mt. Vernon
V. Prests. { B. W. Stilwell..... "
V. Prests. { W. J. Clark...... "
*Sec. R. A. Carter
130 E. 15th St., New York City
Treas. E. S. Bellows...........Mt. Vernon
Audr. C. F. Bryant............ "
¶ Pur. Agt. A. M. Keene....... "
Ch. Elec. Engr. Stuart Wilder. "

11 a. c. G. E, West, Allis-C, Stan. tot. 9435 kw. 2300-14,000 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 60 cys; 4237 hp. e. Penn, Ridg, Sturt, A. & S, Ball, Rus; 4532 hp. b. Stir, Bab. & W, Grainger, A. & T; 7258 hp. turb. (stm.) G. E, Allis C.

Serves the following municipalities:

MT. VERNON DIST.—
New York (Boro. of Bronx), City of Mt. Vernon, Towns of Eastchester and Pelham, Villages of Bronxville, Tuckahoe, North Pelham and Pelham Manor.

NEW ROCHELLE DIST.—
New York (Boro. of Bronx—City Island), City of New Rochelle, Town of Mamaroneck and Village of Larchmont.

PORT CHESTER DIST.—
Towns of Harrison, Mamaroneck and Rye, and Villages of Mamaroneck, Port Chester and Rye.

WHITE PLAINS DIST.—
Towns of Greenburg, Harrison and North Castle, Village of Scarsdale and City of White Plains.

TARRYTOWN DIST.—
Towns of Greenburg and Mount Pleasant, and Villages of Ardsley, Dobbs Ferry, Elmsford, Hastings, Irvington, North Tarrytown and Tarrytown.

MT. KISCO DIST.—
Towns of Bedford, Mt. Pleasant, New Castle, North Castle and Village of Mt. Kisco.

Territory cont. (Mt. Vernon) 442 incs. 60 c. p., 698 incs. 100 w. & 10 incs. 60 w; (Bronxville) 220 incs. 60 c. p. (8), 25 c. p. (156) & 16 c. p. (56); (Tuckahoe) 2 arcs 1200 c. p. and 135 incs. 60 c. p. (2) & 25 c. p. (133); (Eastchester) 249 incs. 60 c. p. (60) & 25 c. p. (189); (Pelham) 1 inc. 60 c. p; (No. Pelham) 60 incs. 60 c. p; (Pelham Manor) 28 incs. 60 c. p; 4000 hrs. Coal.

D L S 2 3 26

**NANUET,** 1,399—Rockland Lt. & Pwr. Co. See Nyack.

**NAPANOCH,** 638—Ellenville Elec. Co. See Ellenville.

a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 39 mult. Mazdas 40 c. p. $18 per yr; all nt.

D L 3 26

**NAPLES,** 1,065—Wayne Pwr. Co. See Sodus.

**NEWARK,** 6,227—Central New York Gas & Elec. Co. For executive officers, see Geneva.

Supt. W. J. Callanan..............Newark
3 a. c. West. tot. 560 kw. 2300 v. 2 ph. 60 cys; trans. 13,200 v. 3 ph; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 800 hp. e. Ideal, Wayne; 600 hp. b. Keeler; also stm. htg.

City cont. 35 8-lt. clusters series $65 per yr. & 4 orna. 5-lt. posts series $70 per yr; 223 incs. series 80 c. p. $22, $20 & $14 per yr; all nt; coal $2.85. (Transmits energy to Palmyra and Port Gibson.)

D H L S 2 3 ★26

**NEWARK VALLEY,** 925—Munic. Lt. Plant.
Vil. Pres. H. W. Ball.....Newark Valley
Clerk D. A. Miller........ " "
*Gen. Supt. W. B. Elwell. " "
Engr. Pwr. Sta.
H. A. Saddlemire....... " "

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 50 kva. e. B. & W; 80 hp. b. Keeler.

99 city incs. "C" 400-250-100-60 w. moonlt.

L S 3 §26

**NEW BERLIN,** 1,114—The New Berlin Lt. & Pwr. Co.; cap. auth. & pd. in $10,000.
Pres. & Supt. J. J. Connell...New Berlin
V. Pres. I. L. Richer.......... "
*¶Treas. &. Mgr.
G. H. Butterfield............ "
Engr. Pwr. Sta. Edward Kearns "
Ch. Elecn. H H. McGuire... "

2 a. c. West, G. E. 120 kw. 1040 v. s. ph. 133 & 125 cys; 100 hp. e. H. F. & M; 80 hp. turb. Hercules; 110 hp. b. Bridgeport.

City cont. 1 a. c. arc $50 per yr; 70 incs. 40 w. 32 c. p. $15 per yr; moonlt; coal.

L S W 1 125

**NEWBURGH,** 27,805—Central Hudson Gas & Elec. Co. Office, 129 Broadway. For executive officers, see Poughkeepsie.
Cont. Agt. A. R. Beal..........Newburgh
Dist Mgr. Wm. Hannan ....... "
Engr. Pwr. Sta. Geo. Tryon
61-65 Montgomery St., "

4 a. c. G E. tot. 1020 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112-224 v; a. c. day & nt. mo. cir. 112-224 v; trans. 33,000-13,000-5700 v. 3 ph. 60 cys; 1500 hp. e. Whitehill, Green, Ball, Dixon; 1250 hp. b. Sterling, A. & R; also purchases energy from Honk Falls Pwr. Co., Ellenville; 23 transf. G. E. tot. 6850 kw; also stm. htg.

City cont. 330 arcs enc. 6.6 amp. $73 per yr; 526 tung. 32 & 65 c. p. $20 & $26 per yr; all nt. midnt; coal $3.40 and $3.50 per long ton. (Sta. also lts. Cornwall, Marlboro, Wallkill, Montgomery, New Windsor, Milton and Maybrook and sells energy to Orange County Trac. Co.)

D H N S 2 3 25

**NEWFANE,** 500—Newfane Elec. Co.; cap. $20,000.
Pres. C T. Raymond............Newfane
V. Pres. J. H Eilers........... .Lockport
*Sec. & Mgr. Wm. H. Lee.......Newfane
¶ Gen. Supt. Bertram Diamond.. "

3 a. c. G. E. tot. 350 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 2300-220 v; 420 hp. e. Ball, Sknr; 130 hp. turb. (wtr.); 350 hp. b. Erie.

City cont. 67 Mazdas 5.5 amp. $14 per yr; all nt; coal $3.50. (Co. also lts. Burt and Olcott.)

D L S W 3 ✢ 25

**NEW HARTFORD,** 1,195—Utica Gas & Elec. Co. See Utica.

**NEW HYDE PARK,** 1,000—Nassau Lt. & Pwr. Co. See Mineola.

**NEW PALTZ,** 1,230—The Elec. Lt. Co. of New Paltz; cap. $20,000; bds. $10,000, 5 p. c. int.
Pres. Geo. E. Johnston.......New Paltz
V. Pres. B. Hasbrouck ........ "
*¶ Sec., Treas. & Mgr.
S. L. Johnston............... "

Purchases energy from Central Hudson Gas & Elec. Co., Poughkeepsie, 33,000 v. 3 ph; 2 transf. West. tot. 100 kw. 2 ph; a. c. day & nt. ltg. cir. 112 v. 60 cys.

City cont. 160 incs. a. c. series 31 w. $15 per yr; 1 a. m.

D L 2 3 ✢ ★16

**NEWPORT,** 583—Newport Elec. Lt. & Pwr. Co.; cap. outstg. $15,000; no bds.
*¶ Pres. & Mgr. G. T. Woodin...Newport
Sec. A. James Eckert................Utica
Treas. A. W. Woodin............Newport

1 a. c. G. E. 187 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. turb. (wtr.) Smith.

City cont. 26 nitrogen lamps 400 c. p. $56.25 per yr; 3000 Mazdas 25-150 c. p.

D L W 3 ✢ ★16

**NEW ROCHELLE,** 28,867—Westchester Ltg. Co. See Mt. Vernon.
Supt. H. A. Doering........New Rochelle

a. c. day & nt. ltg. cir. 106 v; a. c. mo. cir. 106-212 v. s. & 2 ph. 60 cys.

City cont. (New Rochelle) 1 arc 1200 c. p. and 992 incs. 60 c. p. (784) & 100 w. (208); (Mamaroneck) 81 incs. 25 c. p. (77) & 60 c. p. (4); (Larchmont) 269 incs. 60 c. p. (73) & 25 c. p. (196); (Scarsdale) 20 incs. 60 c. p; all nt.

D L 1 2 26

**NEWTONVILLE,** 100—Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 40 cys.

D L 1 16

## NEW YORK CITY. 4,766,883.

**Borough of The Bronx,** 430,980—Westchester Ltg. Co. See Mt. Vernon. Lights City Island and Williamsbridge districts.

City cont. (City Island) 390 incs. 100 c. p. (270), 400 c. p. (52), 250 c. p. (29), 100 w. (16) & 300 w. (23); (Wms. Bridge) 828 incs. 100 c. p. (812) & 400 c. p. (16) all nt.

L 26

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The Bronx Gas & Elec. Co., Office, Walker & Frisby Aves; gen. sta., Zerega Ave., Westchester; cap. $486,500; bds. $787,500.
Pres. & Gen. Mgr.
E. H. Rosenquest..........Westchester
V. Pres. Alfred B. Cruikshank "
*Sec., Treas. & Supt.
John M. Butler............. "

2 a. c. turbo gen. Westg. tot. 2,937 kw. 2300 v. 2 ph. 60 cys; 2 a. c. direct connected gen. total 600 kw; 1 a.c. belted gen. 150 k. w; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 900 hp. e. B. & W; 2204 hp. b. Bab. & W, Climax.

City cont. 642 arcs G. E. enc. 450 w. 5.1 cts per kw. hr; 1033 tung. 81 w. 7.7 cts. per kw. hr; all nt; coal $3.

D L S 1 2 251

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The New York Edison Co.—See Borough of Manhattan.
Mgr. Bronx Dist. W. T. Morrison
327 Rider Ave., New York

City cont. 1771 incs. a. c. series "C" 400 & 600 c. p. $70 & $85 per yr; 5805 incs. 100 c. p. sliding scale $23.69 to $22.40 per yr.

L 16

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**Borough of Brooklyn,** 1,634,351—Edison Elec. Illg. Co. of Brooklyn, 360 Pearl St. (2 gen. stas., 1 at Ft. Gold St. & East River and 1 at Ft. 66th St. & N.Y. Bay.) (Controlled by the Kings

County Elec. Lt. & Pwr. Co., which controls Amsterdam Lt., Ht. & Pwr. Co.); cap. $5,000,000; bds. $4,275,000.

Pres. N. F. Brady.......... } 54 Wall St.,
1st V. Pres. James C. Brady. } New York.
*2d V. Pres. & Gen. Mgr. W. F. Wells
Brooklyn
Sec. Henry P. Erwin............ "
Treas. P. R. Atkinson .......... "
Actg. Treas.
Joseph Bradley Murray....... "
Audr. J. C. Van Duyne......... "
Gen. Sales Agt. T. I. Jones..... "
¶ Pur. Agt. H. F Frasse ....... "
Oper. Engr. H. P. Wood ....... "
Elecl. Engr. S. D. Sprong....... "
Designing Engr. G. L. Knight.... "

10 a. c. West, G. E, Allis-C. tot. 55,550 kw. 6600 v. 3 ph. 25 cys; a. c. & d. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 234 v. 2 ph. 60 cys; d. c. mo. cir. 234 v; 6965 kw. hr. stor. bat. E S. B; 14,000 hp. e. West., M. & S; 45,500 kw. stm. turb. Allis-C, G. E., West; 35,300 hp. b. A. T, Bab. & W.

City cont. 5365 arcs d. c. & a. c. series & mult. 325 & 450 w. $90 & $95 per yr; 1541 incs. d.c. series 60-80 w. & d.c. & a.c. mult. 78-92 w. $26 per yr; a. c. & d. c. mult 400 w. $90 per yr; 3950 hrs.

C D L S 2 3 85w

The Flatbush Gas Co. (Elec. Dept.); Office, 1034-36 Flatbush Ave.; cap. $200,000.

Pres. E. R. Chapman
80 Broadway, New York
V. Pres. A. F. Staniford,
176 Remsen St., Brooklyn
Sec. F. B. Jourdan,
176 Remsen St., "
Treas. J. H. Benedict,
176 Remsen St., "
*Gen. Mgr. & Asst. Sec.
H. E. McGowan,
176 Remsen St., "
Audr. Jas. Gilmer,
176 Remsen St., "
Sales Mgr. H. J. Gerlich,
176 Remsen St., "
¶ Pur. Agt. G. W. Gatehouse,
176 Remsen St., "
Supt. E. J. Devlin,
273 Clarkson St., "
Engr. Pwr. Sta. C. A. Wilkinson,
273 Clarkson St., "

5 a. c West, Allis-C. tot. 7020 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 900 hp. e. B. & W; 2373 hp. b. Bab. & W; 8350 hp. stm. turb. Allis-C, West.

City cont. 1004 incs. series & mult. 400 c. p. $85 per yr; 224 incs. series & mult. 100 c. p. $28 per yr; all nt; coal $2.70. (Lts. 29th ward.)

D G L S 1 2 ✠ 16

**Borough of Manhattan,** 2,331,542—Long Acre Elec. Lt. & Pwr. Co. Office, 149 Broadway. (Incorp. 1903 in New York to supply electricity in the Boroughs of Manhattan and the Bronx.) Cap. stk. auth. $2,500,000, outstg. $50,000; bds. auth. $51,000,000, outstg. $500,000.

Pres. P. G. Gossler..............New York
V. Pres. H. L. Denny.......... "
*Sec. & Treas. Wilbur Tusch.. "

3 d. c. direct connected gen. tot. 150 kw; 1 d. c. belted gen. 40 kw; 75 hp. e; 150 hp. e. (gas).

C G L S 75

Long Island Ltg. Co. Office, 50 Church St., New York City. (In 1915, acquired property of Babylon Elec. Lt. Co.) Generating stations at Northport, Amityville, Sayville and Islip; cap. $300,000; bds. $394,500.

Pres. E. L. Phillips..............New York
V. Pres. G. W. Olmsted.....Ludlow, Pa.
Sec. H. R. Frost................New York
Treas. G. E. Lott.............. "
Gen. Mgr. W. I. Warriner....... "
*¶ Pur. Agt. B. S. Gramley..... "

Tot. equip. pwr. stas.: 14 a. c. G. E. Ft. W. West. Stan. tot. 1662 kw. 2300 v. s. & 3 ph. 60 cys. (leases 1-50 kw. gen.); 2 d. c. G. E. tot. 130 kw. 550 v; 1410 hp. b. Bab. & W. ——; 1200 hp. e. ——; 710 hp. turb. (stm.) G. E; 100 hp. e. (gas) West; 100 hp. gas pro. West; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; trans. volt 13,200 v. 3 ph. 60 cys; interchange of energy with Babylon Elec. Lt. Co., Suffolk Gas & Elec. Lt. Co., North Shore Elec. Lt. & Pwr. Co. and Huntington Lt. & Pwr. Co; 19 transf. G. E. West. tot. 1100 kw; 1 mo.-gen. G. E. 75-85 kw.

(Serves the following municipalities. Amityville 122 incs. 32 cp; Northport 120 incs. 32 cp; Centreport 26 incs. 32 cp. Copiague 27 incs. 32 cp; Sayville 130 incs. 25 cp; Bayport 86 incs. 25 cp; Islip 174 incs. 25 cp; Brentwood 42 incs. 32 cp; $18 & $20 per yr; all nt; coal $3.30 & $3.85. Also lts. Greenlawn, Kings Park, Smithtown, St. James, Flowerfield, Central Islip, Oakdale, Great River, East Islip, Massapequa, Sayville, West Sayville, Babylon, Lindenhurst, Farmingdale and W. Islip.)

D G L S 1 3 85w

The New York Edison Co., Irving Pl. & 15th St.; cap. $45,200,000.

Pres. N. F. Brady..............54 Wall St.
V. Prests. } Thos. E. Murray } Irving Pl. &
*J. W. Lieb ..... } 15th St.
Sec. L. B. Gawtry.............. "
Treas. Jos. Williams........... "
¶Pur. Agt. C. S. Shepard....... "
Ch. Engr. J. P. Sparrow......... "

18 d.c. low-tension dyn. tot. 8500 kw. 135-270 v; 149 d. c. rotary converter & mo. gen. sets tot. 226,100 kw. 270 v; 7 a. c. dyn. tot. 28,000 kw. 6600 v. 3 ph. 25 cys; 15 a. c. turbo-gen. tot. 209,000 kw. 6600 v. 3 ph. 25 cys; 3 a. c. turbo-gen. tot. 22,500 kw. 7500 v. 3 ph. 60 cys; 51,650 hp.e. Westg, Southwark, Dickson, McI. & S; 231,500 kw. turb. Westg, Parsons; 106,322 hp. b. Bab. & W, A. & T; 23,100 kw. stor. bat. 3 hr. rate E. S. B; 46,200 kw. stor. bat. 1 hr. rate E. S. B.

City cont. 1771 incs. a. c. series "C" 400 & 600 c. p. $70 & $85 per yr; 5805 incs. a. c. series "C" 100 c. p. sliding scale $22.40 to $23.69 per yr; 9248 d. c. mult. incs. "C" low tens. 750, 500, 400, 300 and 200 w. $107 to $43 per yr; 228 pairs of 400 & 300 w. incs. $118.40 & $127.60 per pr. per yr; 2623 tung. "B" 100 w. sliding scale $24 to $25 per yr.

C D L S 3 16

The United Elec. Lt. & Pwr. Co, 130 E. 15th St. Gen. sta. at 201st St. & Harlem River. Sub-stas. at 515-19 West 146th St., 208-10 Elizabeth St., 654-8 West 187th St., 354 West 45th St., and 15th St. & 10th Ave; cap. outstg. $5,346,600; bds. $4,838,000.

Pres. Nicholas F. Brady.......54 Wall St.
V. Prests. { Thos. E. Murray
130 E. 15th St.
Gen. Mgr. F.W. Smith
130 E. 15th St.
Sec. Lewis B. Gawtry.......... "
Treas. Benj. Whiteley......... "
*Asst. Sec. L. A. Coleman..... "
Sales Mgr. Jos. F. Becker...... "
¶ Pur. Agt. Chas. S. Shepard.. "
Supt. Jos. G. Swallow......... "
Elec. Engr. W. E. McCoy..... "
Engr. Pwr. Sta. H. W. Leitch
201st St. & Harlem River

5 a. c. turbo-gen. West. Elec. Mch. tot. 85,000 kw. 8000-6600 v. 3 ph. 62½-25 cys; a. c. day & nt. ltg. cir. 111 v; a. c. day &

nt. mo. cir. 110-220 v. s. & 2 ph. 62½ cys; 20,800 hp. b. Bab. & W.

City cont. 200 to 400 w. lamps $45 to $77 per yr; 535 Mazdas 100 w. $24.60 to $22.10 per yr; 24 Mazdas 60 w. $20 to $24.50 per yr; all nt; coal $3.05.

D L S 1 2 3 ✠ 125

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Alabama Trac., Lt. & Pwr. Co., Ltd. Head office, 20 Guardian Bldg., Montreal, Que. (Controls the Alabama Pwr. Co.); cap. outstg. $17,000,000 (com.), $1,000,000 (pfd.); bds. outstg. $13,138,400.

Pres. James Mitchell, 100 B'way, New York
V. Pres. & Ch. Counsel
W. L. Martin.................. "
*V. Pres. Lawrence Macfarlane
Montreal, Que.
Sec. & Treas. W. J. Henderson " "
Asst. Sec. & Treas. H. S. Swan " "
★16

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American Cities Co. Office, 208 Baronne St., New Orleans, La. Owns controlling interest in New Orleans (La.) Ry. & Lt. Co., Birmingham (Ala.) Ry., Lt. & Pwr. Co., The Memphis (Tenn.) St. Ry. Co., Little Rock (Ark.) Ry. & Elec. Co., Knoxville (Tenn.) Ry. & Lt. Co. and Houston (Tex.) Ltg. & Pwr. Co. (The United Gas & Elec. Corpn. owns 95 p. c. of the common stock); cap. outstg. pref. $20,553,500, com. $16,264,700.

Pres. Hugh McCloskey. New Orleans, La.
V. Prests.
George Bullock .......New York
J. S. Pevear...Birmingham, Ala.
& Treas. Lee Benoist,
New Orleans, La.
Sec. L. F. Barbier........ " "
Audr., Asst. Sec. & Asst. Treas.
H. J. Jumonville...... " "
Asst. Sec. & Asst. Treas.
Ira Lockwood ..................New York
★26

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American Gas & Elec. Co. Office, 30 Church St., New York; cap. auth. $7,500,000, outstg. $6,550,900; bds. $6,282,000, 5 p. c. int. (Controls Atlantic City (N. J.) Elec. Co.; Scranton (Pa.) Elec. Co. & Lackawanna Lt. Co.; Wheeling (W. Va.) Elec. Co.; Sunnyside Elec. Co.; Indiana General Service Co., Elwood Ind.; Ohio Lt. & Pwr. Co., Newark. O.; Rockford (Ill.) Elec. Co.; Canton (Ohio) Elec. Co.; Marion (Ind.) Lt. & Htg. Co.; Muncie (Ind.) Elec. Lt. Co. and Montpelier (Ind.) Utilities Co.)

Pres. R. E. Breed...............New York
V. Prests.
Gen. Mgr.
Geo. N. Tidd... "
Ch. Engr.
M. B. Feldmann. "
Counsel
M. F. Millikan .. "
Sec. & Treas. Frank B. Ball... "
Asst. Sec. Frank P. Hunter... "
★26

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American Lt. & Trac. Co. Office, 40 Wall St. (Owns practically all of the capital stock of Detroit (Mich.) City Gas Co., Western Gas Co., New York, Grand Rapids (Mich.) Gas Lt. Co., Madison (Wis.) Gas & Elec. Co., St. Joseph (Mo.) Gas Co., Southern Lt. & Trac. Co., San Antonio, Tex., St. Paul (Minn.) Gas Lt. Co., Binghamton (N. Y.) Gas Works, Consolidated Gas Co. of N. J., Long Branch, N. J., Muskegon (Mich.) Trac. & Ltg. Co. and the St. Croix Pwr. Co., Somerset, Wis.); com. stk. outstg. $16,510,800; prfd. stk. $14,236,200.

Chmn. Bd. Emerson McMillin, New York
Pres. A. P. Lathrop.............. "
V. Prests.
Marion McMillin...... "
*Sec. & Treas. C. N. Jelliffe "
Asst. Sec. & Asst. Treas.
Thos. M. Leahy................ "
Audr. Jas. Lawrence.............. "
Engr. H. C. Abell.............. "
Counsel, Chas. W. Young...... "
125

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American Pwr. & Lt. Co. Offices, 71 Broadway. (Holding company, controlling the Kansas Gas & Elec. Co., Wichita, Kan., Pacific Pwr. & Lt. Co., Portland, Ore., Portland Gas & Coke Co., and Southwestern Utilities Corp.); cap. stk. pref. outstg. $3,119,800; com. outstg $8,205,400; ten-yr. 6 p. c. notes $2,200,000 fully paid and issued.

Chmn. of Bd. S. Z. Mitchell...New York
Pres. F. G. Sykes............... "
V. Prests.
A. S. Grenier...... "
G. E. Claflin...... "
E. W. Hill......... "
R. J. McClelland .. "
Sec. & Treas. M. H. Arning.... "
Asst. Secs. & Asst. Treasrs.
E. P. Summerson "
W. C. Lang...... "
Fiscal Agt., Elec. Bond & Share Co. "
★16

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American Public Service Co. Exec. office, 49 Wall St. (Controls, through stock ownership, Abilene Gas & Elec. Co., Abilene Ice Co., Abilene Wtr. Co., Cisco Gas & Elec. Co., Cisco Ice Co., Marshall Elec. Co., Marshall Trac. Co., Marshall Ice Co., Longview Ice & Lt. Co., Baird Lt. & Ice Co. and Jefferson Ice & Lt. Co. all of Texas; Hugo Ice and Lt. Co. and Okmulgee Ice & Lt. Co. of Okla.): cap. stock outstdg. $2,190,500; bds. $1,620,700.

Pres. Samuel H. Powell.......49 Wall St.
V. Pres. A. C. Smith, Jr.....24 Broad St.
V. Pres. & Gen. Mgr.
A. V. Wainright...........Abilene, Tex.
*Sec. E. W. Niver..............49 Wall St.
Treas. S. W. Baldwin.......... "
Asst. Sec. E. C. Caffall........ "
Asst. Treas. J. M. Dickie..... "
★125

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American Water Works & Electric Co., Inc. Gen. Office, 50 Broad St. (Owns, either directly or through its subsidiaries, all or a controlling interest of the following companies: Arkansas Wtr. Co., Belleville Wtr. Supply Co., Birmingham Wtr. Works Co., Butler Wtr. Co., City Wtr. Co. of Chattanooga, City Wtr. Co. of East St. Louis & Granite City, City of New Castle Wtr. Co., City Wtr. Co. of Marinette, City Wtr. Wks. Co. of Merrill, Clinton Wtr. Wks. Co., Connellsville Wtr. Co., Guyandotte Wtr. Wks. Co., Huntington Wtr. Co., Joplin Wtr. Wks. Co., Keokuk Wtr. Wks. Co., Kokomo Wtr. Wks. Co., Louisiana Wtr. Co., Mingo Junction Wtr. Co., Missouri Sewerage Co., Monongahela Valley Wtr. Co., Mount Vernon Elec. Lt. & Pwr. Co., Mount Vernon Wtr. Wks. Co., Muncie Wtr. Wks. Co., Portsmouth, Berkley & Suffolk Wtr. Co., Racine Wtr. Co., St. Joseph Water Co., Shreveport Wtr. Wks. Co., South Pittsburg Wtr. Co., United Wtr. & Lt. Co., Warren Wtr. Co., Wellsville Wtr. Co., Wichita Wtr. Co., West Penn Rys. Co., West Penn Trac. Co., and West Penn Traction & Wtr. Pwr. Co.); cap. outstg. $22,000,000; bds. $14,065,000.

Pres. H. Hobart Porter.........New York
V. Pres. & Treas.
Stuart H. Patterson........... "
Asst. to Pres. J. H. Purdy..... "
Sec. Harry E. Towle............ "
Asst. Sec. W. K. Dunbar...... "
Engr. G. W. Biggs.............. "
*¶Pur. Agt. H. F. Barnard.... "
Ch. Engr. Geo. W. Biggs, Jr... "
Gen. Counsel,
Sullivan & Cromwell......... "
★16

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Associated Gas & Elec. Co. Office, 48 Exchange Place. (Owns controlling interest in The Greenville Gas Lt. Co. and The Van Wert Gas Lt. Co. of Ohio; Homer & Cortlandt Gas Lt. Co., Ithaca Gas & Elec. Corpn, The Norwich Gas & Elec. Co., all of New York and Kentucky Public Service Co.; cap. (pfd ) $907,000, (com.) $600,000; bonds & notes $1,878,000.

Pres. J. H. Pardee..............New York
V. Prests. G. F. Tyler..Philadelphia, Pa.
J. I. Mange........New York
*Sec. T. W. Moffat............ "
Treas. R. B. Marchant......... "
Optg. Mgrs. J. G. White Mngt. Corpn.,
43 Exchange Place, New York
45w

Atlantic Pwr. & Lt. Corpn. Office, 14 Wall St. (Controls The United Elec. Lt. & Wtr. Co., Waterbury, Conn. and The Seymour (Conn.) Elec. Lt. Co.); cap. outstg. $847,000 (prfd.), $5,000,000 (com.); no bds.

Pres. O. B. Wilcox.............New York
V. Prests. G. H. Walbridge... "
M. J. Warner...... "
Richard Sutro..... "
*Sec. I. W. Day................ "
Treas. A. P. Taliaferro......... "
16

Central States Elec. Corp'n. Office, 60 Broadway. (Controls The Cleveland Electric Illg. Co.); cap. outstg. $4,543 300 (pfd.), $5,451,900 (com.); bds. $5,963 500.

Pres. G. A. Galliver.............New York
V. Prests. F. L. Dame........ "
W. M. Coleman... "
*Sec. & Treas. E. W. Freeman. "
§26

Cities Service Co. Office, 60 Wall St. (Controls the Denver (Colo.) Gas & Elec. Lt. Co., Danbury (Conn.) & Bethel Gas & Elec. Lt. Co., The Empire District Elec. Co., Joplin, Mo. (which includes the Spring River Pwr. Co., Webb City & Carterville Gas Co. and the Carthage Gas Co.), St. Joseph (Mo.) Ry., Lt., Ht. & Pwr. Co., Brush Elec. Co., Galveston, Texas, The Wichita Natural Gas Co., Quapaw Gas Co., Reserve Gas Co., Cumberland (Md.) & Westernport Elec. Ry. Co., City Lt. & Trac. Co., Sedalia, Mo., Meridian (Miss.) Lt. & Ry. Co. (which controls the Hattiesburg (Miss.) Trac. Co.), Durham (No. Carolina) Trac. Co., The Alliance (O.) Gas & Pwr. Co., Massillon (O.) Elec. & Gas Co., Trumbull Public Service Co., Warren (O.), Columbus (O.) Natural Gas Co., Medina (O.) Gas & Fuel Co., Mansfield (O.) Gas Lt. Co., Coshocton (O.) Gas Co., the Buckeye State Gas & Fuel Co., and the electric companies of Elyria and Lorraine; also United Water, Gas & Elec. Co., Salina (Kan.) Light, Power & Gas Co., The Western Distributing Co., the Arkansas Valley Gas Co., the Dominion Gas Co., (which controls the Dominion Natur'l Gas Co.,Ltd., the Brantford Gas Co., Ltd., the Woodstock Gas Lt. Co., the Beaver Oil & Gas Co., Ltd., Port Rowan Natural Gas Co., Ltd., Ingersoll Gas Lt. Co., Thorold Natural Gas Co., Ltd., United Gas Companies, Ltd., Enterprise Gas Co., Ltd., and the Norfolk Gas Co., Ltd.), Knoxville (Tenn.) Gas Co., Athens (Ga.) Ry. & Elec. Co., Citizens' Gas, Elec. & Htg. Co., Mt. Vernon, Ill., Bartlesville (Okla.) Inter-Urban Ry. Co., Bartlesville (Okla.) Gas & Oil Co., Bristol (Tenn. & Va.) Gas & Elec. Co., the City Lt. & Wtr. Co. (Amarillo, Tex.). Amarillo St. Ry. Co., Empire Gas & Fuel Co. (Oklahoma), Spokane (Wash.) Gas & Fuel Co., Manufacturers' Natural Gas Co., Ltd., Waines & Root Gas Co., Ltd., Glenwood (Ont.) Natural Gas Co., Ltd., Neosho (Mo.) Elec. Lt. Co., Producers' Natural Gas Co., Ltd. (Ont.), Southern Ontario Gas Co., Ltd., Southwestern (Okla.) Gas & Fuel Co., Wichita (Okla.) Gas & Fuel Co., Watauga Pwr. Co. (Tenn.), Toledo Trac., Lt. & Pwr. Co. (holding company for Toledo Rys. & Lt. Co., Toledo, Ottawa Beach & Nor. Ry. Co., Toledo & Western R. R. Co., Maumee Valley Ry. & Lt. Co.,Adrian St. Ry. Co. and Toledo Beach Co.), Western Okla. Gas & Fuel Co. and Wichita (Kans.) Pipe Line Co.); cap. auth. $40,000,000 pref., $25,000,000 com; outstdg. $26,168,426 pref., $14,718,380 com.; notes outstg. $7,000,000.

Pres. Henry L. Doherty.......New York
V. Prests. E. Mackay Edgar
London, England
Frank W. Frueauff, New York
Chas. T. Brown.... "
Sec. Paul R. Jones............ "
Treas. Louis F. Musil.......... "
Asst. Sec. Carle B. Gilbert..... "
Asst. Treas. L. R. Warren...... "
16

Doherty Operating Co. Office, 60 Wall St. Operates the properties controlled by the Cities Service Co., as well as miscellaneous properties listed below, under the control of Henry L. Doherty & Co.: Lincoln (Neb.) Gas & Elec. Lt. Co., Fremont (Neb.) Gas, Elec. Lt. & Pwr. Co., Pueblo (Colo.) Gas & Fuel Co., Lebanon (Pa.) Gas & Fuel Co., Montgomery (Ala.) Lt. & Wtr. Pwr. Co., Summit County Pwr. Co., Dillon, Colo., Ozark (Mo.) Pwr. & Wtr. Co.; and Central Service Co., El Campo, Tex.; cap. auth. $100,000, outstg. $55,000.

Pres. Henry L. Doherty........New York
V. Pres. Frank W. Frueauff... "
V. Pres. & Gen. Mgr. H. H. Scott "
Sec. & Treas. Louis F. Musil.. "
¶ Pur. Agt. Frank J. Petura... "
Ch. Engr. F. J. Derge......... "
16

The Eastern Pwr. & Lt. Corpn. Office, 50 Pine St. (Controls the Colonial Pwr. & Lt. Co. (Cavendish & Manchester, Vt.), Claremont Ry. & Ltg. Co. (N. H.), Claremont Pwr. Co., Clarendon Pwr. Co. (Vt.), City Elec. Ltg. Co. of Vincennes (Ind.), Vincennes Elec. Co.. West Virginia Trac. & Elec. Co. and Reading (Pa.) Transit & Lt. Co.); cap. $5,000,000 (com.), $2,350,000 (pref.); bds. $2,350,000.

Chrmn. Bd. O. B. Wilcox......50 Pine St.
Pres. Joseph B. Taylor........ "
V. Prests. W. S. Barstow........ "
F. V. Henshaw........14 Wall St.
Sec. & Treas. A. P. Taliaferro.. "
16

Electric Bond & Share Co. Offices, 71 Broadway, N. Y. City & Schenectady, N. Y. (Fiscal agent for the Carolina Pwr. & Lt. Co., Raleigh, N. C., (which controls the Yadkin River Pwr. Co., and the Asheville (N.C.) Pwr. & Lt. Co.): also interested in the Utah Securities Corp., which controls the Utah Pwr. & Lt. Co., which now owns the property, formerly owned by the Telluride Pwr. Co., and other property in Utah, Colorado and Idaho, and Utah Lt. & Trac. Co. (successor to Utah Lt. & Ry. Co.) Also fiscal agent for the American Pwr. & Lt. Co., which controls the Pacific Pwr. & Lt. Co., Kansas Gas & Elec. Co., Portland Gas & Coke Co. and Southwestern Utilities Corp. Interested in American Gas & Elec. Co. and its subsidiaries); cap. outstg. $6,000,000 pref., $6,000,000 com.; all the common stk. owned by Gen. Elec. Co.

Pres. S. Z. Mitchell, 71 Broadway
New York
V. Prests. Fred'k A. Farrar... "
G. E. Claflin....... "
G. M. Dahl......... "
Sec. & Asst. Treas.
H. M. Francis................ "
Treas. & Asst. Sec.
E. W. Hill.................... "
Asst. Sec. G. C. Hollister....... "
Asst. Sec. & Asst. Treas.
A. E. Smith.................... "
Engr. R. J. McClelland,....... "
16

Federal Light & Traction Co. Office, 60 Broadway, New York City. (Holds controlling interest in Grays Harbor Ry. & Lt.Co.,Aberdeen,Wash., Sheridan County Elec. Co., Sheridan,Wyo., Rawlins(Wyo.) Elec Lt. & Fuel Co., Hobart (Okla.) Elec. Co., Albuquerque (N. M.) Gas, Elec. Lt. & Pwr. Co., Albuquerque (N. M.) Elec. Pwr. Co., Las Vegas (N. M.) Lt. & Pwr. Co., Las Vegas (N. M.) Transit Co., Tucson (Ariz.) Gas, Elec. Lt. & Pwr. Co., Tucson (Ariz.) Rapid Transit Co., Springfield Ry. & Lt. Co., (which in turn controls Springfield (Mo.) Trac. Co. and Springfield (Mo.) Gas & Elec. Co.); Trinidad (Colo.) Elec. Trans. Ry. & Gas Co., Deming (N. M.) Ice & Elec. Co. and Central Arkansas Ry. & Lt Corpn., which controls the Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., all of Hot Springs, Ark.); com. stk. auth. $5,500,000, issued $1,750,000; prfd. stk. auth. $5,500,000, issued $2,500,000.

Pres. E. N. Sanderson,
60 Broadway, New York
V. Prests. Francis Blossom
52 William St. "
Craig Colgate
2 Wall Street, "
F. L. Dame
60 Broadway, "
Sec. J. B. Marsh " "
*Treas. & Asst. Sec.
J. Dunhill........ " "
Asst. Treas. Richmond Talbot
52 William St., "
Gen. Supt. & Ch. Engr.
W. A. Haller...60 Broadway, "
Asst. Gen. Supt. C. H. Nichols,
60 Broadway, "
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The General Gas & Elec. Co. Office, 50 Pine St. (Holding company and controls the Western Vermont Pwr. & Lt. Co. (Fairhaven), Rutland (Vt.) Ry..Lt. & Pwr. Co., Pittsford Pwr. Co., Northwestern Ohio Ry. & Pwr. Co. (Toledo), Sandusky (O.) Gas & Elec. Co and Port Clinton (O.) Elec. Lt. & Pwr. Co.) (As of Jan. 1, 1915, following properties were taken over: Pennsylvania Utilities Co. (Easton), Easton Penn. Pwr. Co. of N.J., Easton (Pa.) Gas Wks., Jersey Pwr. Co., Jersey Corpn., Interurban Gas Co. (Nazareth, Pa.) and Sayre (Pa.) Elec. Co. The Binghamton (N. Y.) Lt., Ht. & Pwr. Co. is affiliated through management of W. S. Barstow & Co.); com. stk. issued $3.500,000; pfd. stk. issued $1,900,000; conv. stk. outstg. (pfd.) $3,000.000; bds. $2,985,000; gold notes $945,000.

Pres. W. S. Barstow............New York
V. Pres. Jos. B. Taylor.......... "
Sec. & Treas.
O. Clement Swenson......... "
Asst. Sec. W. J. Reast.......... "
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Interstate Elec. Corpn. Office, 141 Broadway. (Owns all stock of following: Corry City (Pa.) Elec. Lt. Co., Union City (Pa.) Elec. Lt. Co., Trenton (Mo.) Gas & Elec. Co., Great Bend (Kans.) Wtr. & Elec. Co., Hoisington (Kans.) Elec. & Ice Co., San Angelo (Tex.) Wtr., Lt. & Pwr. Co., Peoples Gas & Elec. Co., Chillicothe, Mo; Palestine (Tex.) Wtr. Wks; Palestine (Tex.) Ice Co; Consumers Ice & Fuel Co., Laredo Tex. and Laredo (Tex.) Wtr. Co.); cap. outstdg. $1.000,000 (com.), $500,000 (pfd.); bds. $1,141,000.

Pres. Wm. H. Hoople...........New York
V. Prests. A. E. Fitkin ....... "
R. W. Baker..Palestine, Tex.
Sec. & Treas. W. C. Harty
27 State St., Boston, Mass.
Optg. Engrs. Roosevelt & Thompson
71 Broadway, New York
★26

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The Mohawk Valley Co. Office, Grand Central Terminal, New York. (Controls Rochester Ry. & Lt. Co., Eastern Monroe Elec. Lt. & Gas Co. and Despatch Ht., Lt. & Pwr. Co. and is in turn controlled by the N. Y. C. & H. R. R. R. Co.); cap. $7,500,000.

Pres. Horace E. Andrews.......New York
V. Prests. J. Carstensen....... "
Gen. Coun.
W. N. Kernan... "
Sec. D. W. Pardee.............. "
Treas. M. S. Barger............ "
Asst. Treas. H. G. Snelling.... "
Gen. Audr. J. C. Collins........ "
*Audr. H. L. Reichart......... "
★125

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The North American Co. Office, 30 Broad St. (Controls or is interested in The Wisconsin Edison Co., Inc., New York (which controls Milwaukee Lt., Ht. & Trac. Co., The Milwaukee Elec. Ry. & Lt. Co., Wisconsin Gas & Elec. Co., Watertown Gas & Elec. Co., North Milwaukee Lt. & Pwr. Co., the Burlington Elec. Lt. & Pwr. Co., Wisconsin General Ry., and Wells Pwr. Co., Milwaukee, Wis.); Union Elec. Lt. & Pwr. Co., United Rys. Co. and St. Louis County Gas Co., all of St. Louis, Mo.; The Elec. Co. of Mo. (Webster Groves); The Detroit (Mich.) Edison Co. (which controls The Edison Ill'g.Co. of Detroit, The Peninsular Elec. Lt. Co., Central Htg. of Detroit, Eastern Michigan Edison Co., Delray Terminal R. R. St. Clair Construction Co and Murphy Pwr. Co.): American Lt. & Pwr.Co., St.Charles, Mo.; West Kentucky Coal Co. of New Jersey; The Arrow Eng'g Co., Inc.; Commercial Telephone Co., and Franklin Independent Telephone Co.; cap. auth. $30,000,000; outstdg. $29,798,300.

Pres. Jas. D. Mortimer.........New York
V.Pres. & Treas. Geo.R.Sheldon "
Asst. to Pres. Edwin Gruhl..... "
Sec.& Asst.Treas.Jas.F.Fogarty "
Asst. Sec. Robert Randall...... "
Asst. Treas. Robert Sealy...... "
65d

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Northern Central Co. Office, 14 Wall St., New York City. (Controls through ownership of securities the following: Northern Central Gas Co. (Williamsport, Pa.), Hagerstown (Md.) Lt. & Ht. Co., Columbia & Montour Elec. Co. (Bloomsburg, Pa.), North Branch Transit Co. (Bloomsburg, Pa.) and Northumberland County Gas & Elec. Co. (Sunbury, Pa.); cap. prfd. auth. $500,000, com. issued $1,955,000.

Pres. H. D. Walbridge...,New York City
V. Prests. J. K. Andrews "
W. B. Henry.......Phila, Pa.
Sec. H. S. Brown..........New York City
Treas. F. E. Haag........ "
Asst. Sec. & Asst. Treas.
F. W. Gregory.......... "
§35

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Ohio & Western Utilities Co. Gen-office, 115 Broadway. (Owns Chillicothe (Ohio) Elec. R. R., Lt. & Pwr. Co. and The Ft. Scott & Nevada Lt., Ht., Wtr. & Pwr. Co., Nevada, Mo.) (The National Utilities Co. owns majority of cap. stock); cap. $2,500,000 (prfd.); $5,000,000 (com.); bds. $5,000,000.

Pres. P. W. Brooks............New York
V. Pres. & Sec. L. M. Symmes "
Treas. E. H. Van Wyck....... "
¶ Pur. Agts. National Utilities Co.,
95 Milk St., Boston, Mass.
★16

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Pennsylvania Electric Co. Office, 14 Wall St., New York City. (Controls through ownership of securities the following: Citizens Lt., Ht. & Pwr. Co. of

Pa. (Johnstown), Johnstown (Pa.) Fuel Supply Co., Penn Electric Service Co. (Somerset), Penn Public Service Co. (Clearfield) and Centre & Clearfield Ry. Co. (Philipsburg); cap. $600,000 (prfd.) & $2,571,600 (com.); notes $400,000.

Pres. H. D. Walbridge....New York City
V. Pres. J. K. Andrews... "
Sec. H. S. Brown.......... "
Treas. F. E. Haag......... "
Asst. Sec. & Asst. Treas.
F. W. Gregory.......... "

§35

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Southern Light & Traction Co. New York office, 40 Wall St. (This corporation was organized under the laws of New Jersey "to hold stocks, bonds and other securities," and is chiefly interested in street railway and electric and gas lighting properties.) (Practically entire capital stock owned by the Am. Lt. & Trac. Co.)

Pres. Emerson McMillin,
40 Wall St., New York, N. Y.
V. Pres. Philip Lehman
40 Wall St., New York, N. Y.
Sec. C. N. Jelliffe " "
Treas. A. P. Lathrop " "

§115d

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Southwestern Cities Elec. Co. Gen. office, 49 Wall St. (Controls the following properties, which are operated by John C. Keys of Lawton, Okla; The Comanche Lt. & Pwr. Co. and Comanche Ice Co. of Lawton, Okla., Mangum (Okla.) Elec. Co., Pecos Valley Gas & Elec. Co. of New Mexico, (Artesia, N. Mex.), Quanah (Tex.) Lt. & Ice Co., Chillicothe (Tex.) Lt. & Pwr. Co. and Duncan (Okla.) Elec. & Ice Co.); cap. $700,000 prfd; $1,400,000 com.

Pres. & Mgr. John C. Keys, Lawton, Okla.
*V. Pres. A. D. Converse ......New York
Sec. F. L. Search........Rochester, N. Y.

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Southwestern Pwr. & Lt. Co. Offices, 71 Broadway. (Controls Texas Pwr. & Lt, Co., Ft. Worth Pwr. & Lt. Co., El Paso Gas Co., Galveston Gas Co., Paris Transit Co., Wichita Falls Elec. Co., Wichita Falls Wtr. Co., West Texas Elec. Co., Sweetwater Ice & Cold Storage Co., International Elec. Co. and Eagle Pass Wtr. Co.) (Controlled by the Southwestern Utilities Corpn., which is controlled by the American Pwr. & Lt. Co.); cap. (pfd.) $1,940,000; (2d pfd.) $2,447,000; (com.) $15,125,000; bds. $2,655,000.

Pres. F. G. Sykes..............New York
V. Prests. G. M. Dahl........ "
A. S. Grenier........ "
E. W. Hill........ "
Sec. & Treas. M. H. Arning...... "
Asst. Sec. & Asst. Treas.
W. C. Lang.................. "

16

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Union Ry. Gas & Elec. Co. Office, 14 Wall St. (Owns all the stock of the Springfield Ry. & Lt. Co., Peoria Lt. Co., Evansville Lt. Co., Rockford & Interurban Ry. Co., Janesville Traction Co. and the De Kalb-Sycamore & Interurban Trac. Co.) (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.); cap. $11,250,000; bds. $5,500,000.

Pres. Geo. E. Hardy
14 Wall St....................New York
V. Prests. C. M. Clark........Phila., Pa.
B. C. Cobb........New York
Sec. & Treas.
Jacob Hekma................ "
Asst. Treas. & Asst. Sec.
C. A. Pearson, Jr. ............Phila. Pa.

75

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United Gas & Elec. Corpn. of Connecticut. Office, 61 Broadway. (Owns all the common stock of the following properties: Houston (Tex.) Gas & Fuel Co., Consumers' Elec. Lt. & Pwr. Co., New Orleans, La., Harrisburg (Pa.) Lt. & Pwr. Co., Union Gas & Elec. Co., Bloomington, Ill., United Gas & Elec. Co., New Jersey, Lancaster (Pa.) County Ry. & Lt. Co., 57.56 p. c. of the common stock of the International Trac. Co., 95 p. c. of the common stock of the American Cities Co. and entire capital stock of the United Gas & Elec. Eng'g Corpn.) (The United Gas & Elec. Co. in turn owns all or a majority of the common stock of the following companies: Altoona (Pa.) Gas Lt. & Fuel Co., Colorado (Colo.) Springs Lt., Ht. & Pwr. Co., Elmira (N.Y.) Wtr., Lt. & R. R. Co. (which owns all the bonds and stock of the Elmira & Seneca Lake Trac. Co.), Richmond (Ind.) Lt., Ht. & Pwr. Co., Leavenworth (Kans.) Lt., Ht. & Pwr. Co., Lockport (N. Y.) Lt., Ht. & Pwr. Co., Citizens' Gas & Fuel Co., Terre Haute, Ind., Hartford City Gas Lt. Co., Hartford, Conn., Wilkes-Barre Co., Wilkes-Barre, Pa. The Lancaster (Pa.) County Ry. & Lt. Co. controls through ownership of all or a majority of the common stock the following: Conestoga Trac. Co., Lancaster Gas Lt. & Fuel Co. (which owns a majority of the common stock of the Columbia (Pa.) Gas Co.), Edison Elec. Co. and the Conestoga Realty Co., all of Lancaster, Pa.); cap. stk. 1st prfd. auth. $25,000,000; issued $9,453,000; 2nd prfd. auth. $12,500,000, outstdg. $11,636,900; com. auth. $20,000,000, issued $12,251,000; bds. $6,438,000.

Pres. Geo. Bullock .............New York
V. Prests. Francis T. Homer. "
E. G. Connette .... "
G. H. Olney........ "
*Sec. & Asst. Treas.
M. D. Evans ................. "
Treas. H. J. Pritchard.......... "
¶ Pur. Agt. F. G. Robinson.... "

★125w

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United Gas & Electric Engineering Corpn. Office, 61 Broadway; branch office, 201 Baronne St., New Orleans, La. (Acts as consulting, contracting and operating engineers for all classes of public utility properties. Now acting in this capacity for the following companies: Altoona Gas, Lt. & Fuel Co. (Pa.), Citizens' Gas & Fuel Co. (Terre Haute, Ind.), Consumers Elec. Lt. & Pwr. Co. (New Orleans, La.), Harrisburg Lt. & Pwr. Co. (Pa.), Houston Gas & Fuel Co. (Tex.), International Trac. Co. (Buffalo, N. Y.), Lancaster County Ry. & Lt. Co. (Pa.), Little Rock Ry. & Elec. Co. (Ark.), Memphis St. Ry. Co. (Tenn.), Richmond Lt., Ht. & Pwr. Co. (Ind.), Birmingham Ry., Lt. & Pwr. Co. (Ala.), Colorado Springs Lt., Ht. & Pwr. Co. (Colo.), Elmira Wtr., Lt. & R. R. Co. (N. Y.), Hartford City Gas Light Co. (Conn.), Houston Ltg. & Pwr. Co. (Tex.), Knoxville Ry. & Lt. Co. (Tenn.), Leavenworth Lt., Ht. & Pwr. Co. (Kans.), Lockport Lt., Ht. & Pwr. Co. (N. Y.). New Orleans Ry. & Lt. Co. (La.), The Wilkes-Barre Co. (Pa.) and Union Gas & Elec. Co. (Bloomington, Ill.). (Controlled by United Gas & Elec. Corpn. of Conn.); cap. $100,000.

Pres. E. G. Connette ..........New York
V. Prests. Sec. M. D. Evans.. "
S. J. Dill........New Orleans
Ch. Engr.
B. F. Wood.........New York
G. B. Tripp........ "
Treas. H. J. Pritchard......... "
Asst. Sec. & Asst. Treas.
B. C. Byrne.........New Orleans, La.
¶ Pur. Agt. F. G. Robinson....New York
Com'l Mgr. H. N. McConnell.. "
Engr. J. H. Perkins........... "
Constr. Engr. J. W. Thomas.. "

★125w

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Virginia & Ohio Securities Corpn. Office 25 Broad St. (Controls Steubenville, Wellsburg & Weirton Ry. Co., Wellsburg W.Va; Wellsburg (W.Va.) Elec. Lt., Heat & Pwr. Co; Hancock County Elec. Co; The Steubenville Ry. Co. and The Steubenville Bridge Co); cap. outstg. (com.) $1,250,000, (pfd.) $1,000,000.
Chmn. Bd. M. B. Starring.....New York
*Pres. D. C. Morris.......... "
V. Pres. A. Ford Miller
115 Broadway "
Sec. & Treas. Chas. T. Thomson "
Asst. Sec. & Asst. Treas.
Mason B. Starring, Jr., 115 B'way. "
§16

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J. G. White & Co., Inc. Office, 43-49 Exchange Pl., New York. (Finances electric railways, electric light and power plants, water power, gas and other public utility properties.) (Controls the J. G. White Management Corporation and The J. G. White Engineering Corporation.)
Pres. J. G. White...............New York
V. Prests. F. H. Reed....... "
S. L. Selden...... "
Gano Dunn........ "
J. H. Pardee...... "
*Sec. A. N. Connett, Jr....... "
Treas. R. B. Marchant........ "
★125

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The J. G. White Engineering Corpn. Office, 43 Exchange Pl.; branch offices, 1st Nat'l Bank Bldg., Chicago and Alaska Com. Bldg., San Francisco, Cal. (Acts as consulting and construction engineers for electric railways, electric light and power plants, water power, gas and other public utility properties.) (Controlled by J. G. White & Co., Inc.)
Pres. Gano Dunn..............New York
V. Prests. E. G. Williams.... "
A. S. Crane........ "
H. A. Lardner
Alaska Com. Bldg., San Francisco, Cal.
Sec. A. N. Connett, Jr.........New York
Treas. R. B. Marchant........ "
65d

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The J. G. White Management Corp.—Office, 43 Exchange Pl. (Manages and supervises the organization, rehabilitation and operation of all classes of public utility properties. Those now under contract include the following holding companies controlling about fifty subsidiary companies: Associated Gas & Elec. Co., New York; Augusta-Aiken Ry. & Elec. Corpn., Augusta, Ga.; Eastern Pennsylvania Rys. Co., Pottsville, Pa.: The Helena (Mont.) Lt & Ry. Co.; Pacific R. R. of Nicaragua; The Manila Elec. R. R. & Ltg. Corpn., Manila, P. I.; Thornapple Gas & Elec. Co., Hastings, Mich. & Southern Utilities Co., Jacksonville, Fla. Also manages the Poughkeepsie City & Wappingers Falls Elec. Ry. Co., Poughkeepsie.) (Controlled by J. G White & Co., Inc.); (pfd.) stk. $290,900; $500,000 (com.)
Pres. J. H. Pardee..............New York
V. Prests. S. L. Selden....... "
Joseph K. Choate.. "
*Sec. & Treas. T. W. Moffat... "
Chrmn. Finance Committee
J. G. White................. "
36

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The Wisconsin Edison Co., Inc. Office, 30 Broad St., New York, N. Y. (Owns the capital stock of the Milwaukee Lt., Ht. & Trac. Co., The Milwaukee Elec. Ry. & Lt. Co., Watertown Gas & Elec. Co., North Milwaukee Lt. & Pwr. Co., Burlington Elec. Lt. & Pwr. Co. and Wells Pwr. Co., and the common stock of the Wisconsin Gas & Elec. Co). (Controlled by The North American Co., 30 Broad St., New York, N. Y.); cap. 215,000 shares outstg; bds. $6,000,000.
Pres. James D. Mortimer, New York, N.Y.
V. Pres. Henry H. Pierce. " "
Sec. James F. Fogarty .... " "
Treas. Geo. R. Sheldon.... " "
Asst. Sec. Robert Randall. " "
Asst. Treasrs. Robt. Sealy..... " "
Ferdinand Sherwood " "
65d

**Borough of Queens,** 284,041 — The New York & Queens Elec. Lt. & Pwr. Co., 444 Jackson Ave. L. I. City. (Generating sta., Mill & Franklin Sts., Astoria, L. I.; distributing stas. at Flushing, Jamaica, Maspeth, Long Island City and Bayside), (A consolidation of New York & Queens Gas & Elec. Co., Jamaica Elec. Lt. Co. and Elec. Ilg. & Pwr. Co. of Long Island City); cap. outstg. $2,500,000; bds. $2,350,000.
Pres. C. G. M. Thomas..........L. I. City
*V. Pres. & Gen. Mgr. Ray Palmer "
Sec. & Treas. H. L. Snyder .... "
Asst. Treas. J. Richards........ "
Audr. J. R. Malone.............. "
Gen. Sales Agt. C. A. Barton ... "
¶ Pur. Agt E. B. Fielis......... "
Gen. Supt. G. W. Magalhaes.... "
Supt. Distrbn. C. Selden........ "
Supt. of Mfg. A. T. Witherell
Hamilton St. & Harris Ave. "
Ch. Elecn. H. Ellard..............Astoria

5 a. c. West. Stan. tot. 7500 kw. 2300 v. 2 ph. 60 cys; 51 arc mch. G. E. West. tot. 2912 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v; 4000 hp. e. Fulton; 5000 hp. b. A. & T. Stir; 5000 kw. turb. (stm.) West.

City cont. 15,634 incs. gas-filled 3950 hrs; coal. (Co. lts. 1st, 2nd, 3rd & 4th Wards of Borough of Queens, viz. Long Island City, Woodside and Corona, Flushing, College Point, Whitestone, Bay Side and Little Neck and Jamaica.)
D L S 2 ★16

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Queens Borough Gas & Elec. Co., 347 Central Ave., Far Rockaway. New York office, 68 Broad St.; cap. outstg. $2,000,000; bds. $2,000,000.
¶ Pres. & Gen. Mgr. Carleton Macy,
Far Rockaway
V. Pres. H. Hobart Porter,
52 William St., New York City
Sec. & Treas. Jas. A. Mooney
68 Broad St., New York City
Audr. E. H. Webster......Far Rockaway
*Gen. Supt. L. A. Howland. "
Ch. Engr. Pwr. Sta.
L. A. Dewaters.......... "

5 a.c. G. E. tot. 4700 kw. 2300 v. 2 ph. 60 cys; 5 arcs G. E. tot. 600 lt; trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 2 ph. 60 cys; 1500 hp. e. Amer. & British Mfg. Co; 5333 hp stm. turb. G. E; 2580 hp. b. Bab. & W.

City cont. 188 incs. 400 c. p. $75 per yr; 1239 incs. 100 c. p. 75 w. $27 per yr; 3950 hrs; coal $3.50. (Co. also lts. Lawrence, Woodmere, Hewlett, Lynbrook, Belle Harbor, Rockaway Beach, Neponset, Malverne, Arverne, Edgemere, Cedarhurst, Far Rockaway, East Rockaway, Inwood, Valley Stream and Oceanside.)
D L S 1 2 ★16

**Borough of Richmond,** 100 000 (approx.) — Richmond Lt. & R. R. Co. Office, Terminal Bldg., New Brighton, S. I.; cap. $3,000,000; bds. $2,200,000, 4 p. c. int.
Pres. C. W. Hotchkiss,
55 Wall St., New York
V. Pres. R. L. Rand........New Brighton
*¶ Sec. & Treas. J. E. Phillips "
Engr. Pwr. Sta. W. H. Rudisill "

3 d. c. Walker, tot. 1600 kw. 600 v; 4 a. c. G. E. tot. 6000 kw. 2300 v. 3 ph. 60 cys; 4 rect. G. E. tot. 2500 kw; a. c. day & nt.

ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys; 2400 kw. e. Allis-C; 4200 hp. b. Bab. & W; 7250 kw. steam turb. G. E.

City cont. all nt; coal $2.97. (Co. lts all Staten Island and sells energy to Staten Island Midland Ry. Co. & Southfield Beach R. R. Co.) (Installing a. c. West. turbo-gen. 7500 kw.)

C D R S 2 125

**NIAGARA FALLS,** 30,445 — Niagara Elec. Service Corpn. (Owned by Buffalo Gen. Elec. Co., Buffalo); cap. outstg. $600,000; bds. $500,000.

Pres. George Urban, Jr............Buffalo
¶V. Pres. & Gen. Mgr.
Joseph E. Montague.....Niagara Falls
*Sec. W. Wallace Denner... "
Treas. Chas. R. Huntley ..........Buffalo
Sales Mgr. L. G. Brown.....Niagara Falls
Gen. Supt. R. L. MacDonald "

Purchase energy; 2200-110 v. s. ph. 25 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220-2200 v. s. & 3 ph. 25 cys; d. c. mo. cir. 550 v.

City cont. 900 series arcs, 7½ & 4 amp. $45 per yr; all nt.

C D L 1 3 ✣ ★36

Cliff Electrical Distributing Co. Cap. $400,000; bds. $1.150,000.

Pres. C. P. Hugo Schoellkopf.....Buffalo
1st V. Pres. Walter H. Schoellkopf "
2nd V. Pres. Morris Cohn, Jr....... "
*Sec. & Treas. Paul A. Schoellkopf
Niagara Falls
Ch. Engr. John L. Harper.. "
Elecl. Supt. B. F. Lee...... "

8 Allis-C. wtr. wh. sets tot. 64,500 kva. 12,000 v. 3 ph. 25 cys.

T W 3 125

The Niagara Falls Pwr. Co. (Controls through stock ownership The Cataract Pwr. & Conduit Co.); cap. $5,757,700; bds. outstg. $18,295,000.

Pres. Edw. A. Wickes.........New York
*V. Pres. & Gen. Mgr.
Philip P. Barton..........Niagara Falls
Sec. F. L. Lovelace......... "
Treas. & Asst. Sec.
W. Paxton Little.............New York
Supt. of Operation,
L. E. Imlay..................Niagara Falls
Mech. Engr. C. C. Egbert... "

Furnishs 90,000 hp. from twenty-one 5000 hp. alternators driven by twenty-one 5000 hp. turbines.

T W X 125

Suburban Pwr. Co.; cap. $10,000; no bds.

Pres. Edw. A. Wickes..........New York
¶ V. Pres. de Lancey Rankine
Niagara Falls
*Sec. F. L. Lovelace......... "
Treas. W. Paxton Little........New York

(Co. transmits Niagara Falls pwr. to La Salle, N. Y.)

T 16

**NISKAYUNA,** 65 — Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. & 3 ph. 60 cys.

D L 1 3 16

**NORFOLK,** 1,100—Norwood Elec. Lt. & Pwr. Co. See Norwood.

City cont. 65 incs. 25 c. p. $520 per yr.

L 25

**NORTH CREEK,** 500—North Creek Elec. Co.; cap. $20,000.

Pres. C. S. Wood..............North Creek
V. Pres. P. Moynehan..........Glens Falls
*Sec., Treas. & Mgr. C. S. Wade, North Creek

1 a. c. West. 200 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 300 hp. wtr. wh. Pelton.

City Cont. 23 tung. 50 c. p. $20 per yr; all nt.

D L W 3 ✣ 125

**NORTH HOOSICK,** 275—Twin State Gas & Elec. Co. See Hoosick Falls.

City cont. 20 incs. 32 c. p. $20 per yr; 2 A. M.

L 16

**NORTHPORT,** 2,096—Long Island Ltg. Co. For executive officers, see New York City.

Supt. N. L. Pidgeon............Northport
Eng. Pwr. Sta. H. S. Brown... "

6 a. c. G. E, West. tot. 1905 kw. 2300 v. s. & 3 ph. 60 cys; 2 d. c. G. E. tot. 130 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 500 hp. e.—; 2130 hp. stm. turb. G. E; 900 hp. b. Bab. & W.

City cont. 126 incs. 32 c. p. $20 per yr; all nt; coal. (Co. sells pwr. to Northport Trac. Co.)

D G L S 1 3 25

**NORTH TONAWANDA,** 11,955—Tonawanda Pwr. Co. (Distributers of Niagara Falls power for Tonawanda and N. Tonawanda; also do city and commercial ltg.); cap. $250,000; bds. $150,000, 6 p. c. int.

Pres. Edw. A. Wickes..........New York
V. Pres. de Lancey Rankine.. Niagara
Sec. F. L. Lovelace............ Falls
Treas. W. Paxton Little......New York
*Asst. Treas. & Mgr.
F. M. Gordon...North Tonawanda
Supt. A. S. Allen... " "

City cont. 300 arcs 1200 c. p. $50 per yr; all nt.

N X 16

**NORTHVILLE,** 1,100—Broadalbin Elec. Lt. & Pwr. Co. See Broadalbin.

**NORWICH,** 7,422 — Norwich Gas & Elec. Co. (Controlled by the Associated Gas & Elec. Co., 43 Exchange Pl., New York City); cap. outstg. $100,000; bds. $255,000.

Pres. J. H. Pardee........43 Exchange Pl.
V. Prests. C. A. Greenidge New York
J. I. Mange..... "
Sec. & Treas. H. B. Brown. "
*Supt. W. E. O'Neil..............Norwich
Engr. Pwr. Sta. F. Genung....... "

3 a. c. Ft. W. Allis-C. tot. 470 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 700 hp. e. Sknr. Erie City; 600 hp. b. Keeler.

City cont. 242 Mazdas "C" 400 c. p. (6), 250 c. p. (45), 60 c. p. (147) and 40 c. p. (44) $70, $40, $25 and $18 per yr; all nt; coal $2.66. (Also lts. Oxford.)

D L S 3 125

**NORWOOD,** 1,993—Norwood Elec. Lt. & Pwr. Co.; cap. $5,000; no bds.

Pres. & Sec. S. P. Phelps........Norwood
V. Pres. A. M. Phelps ........... "
*¶ Treas. Mgr. & Cont. Agt.
Cortes F. Vance................ "
Engr. Pwr. Sta. Sidney Burrows "

1 a. c. G. E. 300 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 300 hp. e. Knowlton, Kelley; 300 hp. b. Nagel; 350 hp. turb. (wtr.) Leffel.

City cont. 47 Mazdas 250 & 600 c. p; all nt; coal $5. (Co. also lts. Norfolk).

D L S W 1 2 ✣ ★125

**NUNDA,** 1,043—Nunda Elec. Lt. Co., Inc.

Sec. L. O. Willard....................Nunda
*Mgr. A. J. Woodworth............ "
Engr. Pwr. Sta. C. A. Wright...... "

3 a. c. Warren, Ft. W. 210 kw. 110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 104 v. 133

cys; 175 hp. e. Payne, Clark; 120 hp. b. Phoenix; 35 hp. turb. Read.

City cont. 33 open arcs 1200 c.p. $60 per yr; 5 incs. 32 c. p. $10 per yr; moonlt; coal $2.45.

L S 1 ✠ ★36

**NYACK,** 4,619—Rockland Lt. & Pwr. Co. (In May, 1914, the Rockland Elec. Co. was merged.) (Pwr. plants in Orangeburg & Hillburn. (Controls Rockland Elec. Co. of N. J. through stock ownership); cap. $100,000 (pfd.), $700,000 (com.)

Chmn. Bd. Chas. H. Tenney ..Springfield
Pres. D. Edgar Manson..
V. Pres. Albert B. Tenney....... } 201 Devonshire St., Boston, Mass.
Sec. H. P. Wood.......... "
Treas. E. A. Bradley...... "
¶ Asst. Treas. H. F. Peirce..........Nyack
Audr. H. A. Gidney.........Boston, Mass.
*Mgr. Theodore B. Odell...........Nyack
Supt. G. A. Mathews.............. "

Tot. pwr. stas. equip; 11 a. c. West., S. K. C. tot. 4550 kw. 3300-2200-440 v. 2 ph. 60 cys; 1 d. c. G. E. 75 kw. 110 v; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 125 v; 300 hp. e. West; 3750 kw. stm. turb. Parsons; 3050 hp. b. Heine, Bab. & W. Edge; 1355 hp. e. (gas) West; 3000 hp. gas pro. Loomis, Pettibone; transmn. volt. 16,500 v. 3 ph. 60 cys.

City cont. 134 arcs enc. 480 w. $88 per yr; 1267 carbon & tung. 20, 25, 32 & 60 c. p. $15, $18, $19, $19.50 & $28 per yr; all nt. (Co. also lts. Grand View, Piermont, Sparkill, Tappan, Orangeburg, Blauvelt, Pearl River, Nanuet, Haverstraw, New City, Spring Valley, Stony Point. West Haverstraw, Hillburn, Suffern, Ramapo, Tallman and Monsey, and sells energy to the Rockland Elec. Co. for ltg. in N. J.)

C D L S 2 ✠ ★115w

**OAKFIELD,** 1,236—Genesee Lt. & Pwr. Co. See Batavia.

2 G. E. transf. tot. 50 kw. 11,000-2300 v; a. c. day & nt. ltg. cir. 110-220 v: a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 37 Mazdas series 40 c. p. $18.75 per yr.

D L 1 3 25

**OGDENSBURG,** 15,933 — Ogdensburg Pwr. & Lt. Co.; cap. $50,000; bds. $10,000.

¶ Pres. Treas. & Mgr.
E. E. Hawkins..............Ogdensburg
*Sec. R. E. Waterman........ "
Supt. Fred. Osborn.............. "
Engr. Pwr. Sta. Bert Holmes.. "
Ch Elecn. Fred St. Dennis... "

3 a. c. West. tot. 350 kw. 2200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 2200 v. 2 ph. 60 cys; 500 hp. e. Bass, Cor; 1000 hp. b. Oswego; 400 hp. turb. (wtr.) McC: also purchases energy from Northern Pwr. Co: trans. 2200 v. 3 ph; 900 kw. transf. Westg; 300 kw. rot. conv.

City cont. 130 arcs G. E. 6.6 amp. $72 per yr; 30 series tung. 60 c. p. $30 per yr; all nt; coal $3.50.

D L S W 2 3 11

**OLEAN,** 14,743—Olean Elec. Lt. & Pwr. Co. (Gen. sta. at Olean; emergency sta. at Franklinville): cap stk. auth. $250,000.

Pres. J. B. Mayer
37 Wall St., New York City
V. Pres. & Mgr. F. B. Hofft......Erie, Pa.
Sec. John J. Gallagher...New York City
Treas. P. C. Schutrum.... "
Audr. J. D. Griffin..................Buffalo
*¶ Gen. Supt. F. A. Tennant.......Olean
Engr. Pwr. Sta. Ben Green.... "

2 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 25 cys; 6 rect. tot. 125 kva; trans. volt. 22,000 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 25 cys; 500 hp. e. Sknr; 1500 kw. stm. turb. G. E; 1292 hp. b. Bab. & W.

City cont. 126 arcs $60 per yr; 150 incs. tot. $125 per mo; all nt; coal $2.25. (Also lts. Franklinville, Allegany and Ischua.)

D L S 3 ✠ ★16

**ONEIDA,** 9,472—Adirondack Elec. Pwr. Corp. See Glens Falls.

Supt. A. E. Shippee.................Oneida

Energy from Utica; 3 step-down transf. tot. 825 kw; trans. 60,000 v. 3 ph; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 127-254 v. 3 ph. 40 cys.

City cont. 48 incs. 600 c. p. a. c. 6.6 amp. $50-$75 per yr; 82 Mazdas (3 clusters) 32 c. p. $35-$52.50 per yr; 37 Mazdas 60 c. p. $20—$30 per yr; 1 A. M. & all nt; coal $3.

D L 3 16

**ONEONTA,** 10,000—Oneonta Lt. & Pwr. Co. (Consol. Oneonta Elec. Lt. & Pwr. Co., Oneonta Gas. Lt. Co. & Elect. Water Pwr. Co.); cap. auth. $175,000; bds. $200,000.

Pres. Edw. E. Arnold...Providence. R. I.
Treas. John R. Gladding " "
*¶ Mgr. G. A. Lane................Oneonta
Ch. Engr. W. A. Kelley......... "
Ch. Elecn. C. House............. "

2 a.c. G. E. tot. 240 kw. 1040-104 v. s. ph. 125 cys; 1 d. c. G. E. 75 kw. 500 v; 2 d. c. arc G. E. Brush tot. 230 lt; a. c. day & nt. ltg. cir. 104 v. 125 cys; d. c. mo. cir. 500 v; 550 hp. e. Sknr; 500 hp. turb. (wtr.) Rodney Hunt; 300 hp. b. Shapley & Wells, Dillon.

City cont. 131 enc. arcs 470 w. $72.50 per yr; 40 incs. 80 & 600 c. p. $23.50 per yr; all nt; coal $3.65.

C D L S W 1 ✠ 125

**ORISKANY,** 1,010—Adirondack Elec. Pwr. Corpn. See Glens Falls.

**ORISKANY FALLS,** 892—E. S. Hamblin & Co.

¶ Pres. E. S. Hamblin....Oriskany Falls
*Supt. E. P. Hamblin..... "

2 d. c. G. E. tot. 55 kw. 125 v; no day cir: 90 hp. turb. Leffel; 65 hp. e. (gas) G. D. Pohl Mfg. Co.

City cont 20 arcs 2000 c. p. $42 per yr; 1 Tung. 40 w; 1 A. M.

C G L W 94E

***ORWELL,** 500—Salmon River Pwr. Co. See Buffalo.

**OSSINING,** 11,480—Northern Westchester Ltg. Co; cap. $804,000; bds. $643,000.

Pres. F. A. Stratton...........Mt. Vernon
V. Pres. & Gen. Mgr. Stuart Wilder "
Sec. B. W. Stillwell................. "
Treas. R. A. Carter.....130 East 15 St. New York
Asst. Treasrs. { O. G. Bennett....Ossining
*H. D. Swain.... "
Asst. Gen. Mgr. I. M. Beatty...Peekskill
Supt. H. W. Terry, Jr............Ossining

4 a. c. G. E. tot. 1500 kw. 2300 v. 2 ph. 60 cys; 1 d. c. Keystone 100 kw. 500 v; 1 G. E. rot. converter 200 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v; 2000 hp. e. B. & W; 1450 hp. b. Ault. Natl. A. & R.

City cont; all nt. (Co. also lts. Scarborough, Briarcliff Manor, Croton-on-Hudson, Hawthorne, Sherman Park, Valhalla and Pleasantville.)

C D L S 2 ✠ 26

**OSWEGO,** 23,368—People's Gas & Elec. Co., office, 70 East 1st St.; cap. $600,000; bds. $410,000.

Chm. Chas. H. Tenney....
Pres. Albert B. Tenney..
V. Prests. { D. E. Manson.
H. T. Sands.. } 201 Devonshire St., Boston, Mass.
Sec. H. P. Wood.......... "
*Treas. & Mgr. R. F. Whitney....Oswego
Cont. Agt. E. H. Gillen............ "
Audr. H. A. Gidney,
201 Devonshire St., Boston, Mass.

¶ Pur. Agt. F. P. Mooney,
201 Devonshire St., Boston, Mass.
Engr. Pwr. Sta. B. F. Learned....Oswego

8 a. c. G.E. West. tot. 2500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v;
Engr. Pwr. Sta. B. F. Learned....Oswego
a. c. day & nt. mo. cir 220 v. 3 ph. 60 cys; 800 hp. e. W. C.. Harrisburg; 1400 hp. b. Scannell & Holly, Bab. & W.; 800 kw. stm. turb. West,; 1085 hp. wtr. wheel, Rodney Hunt. Also purchases energy from Niagara, Lockport and Ontario Pwr. Co.; trans. volt. 33,000 v. 3 ph. 25 cys; 3 transf. West. tot. 1500 kw; 1 freq. chgr. G. E. 1000 kw.

City cont. 450 series enc. arcs 6.6 amp. $66 per yr; 150 series incs. "C" 6.6 amp. $16 to $60 per yr; all nt; coal $3. (Also lts. Scriba.)

D L S W 3 ✠ ★125

**OVID,** 548—Ovid Elec. Co.; cap. auth. & pd. in $25,000; bds. outstg. $48,000.
Pres., Treas. & Mgr. A. Buys. Trumansburg
*¶ Sec. & Supt. Orville Buys "

3 a. c. G.E. 450 kw. 2300 v. 2 ph. 60 cys; no day cir; 250 hp. e. West; 250 hp. b. Yard.; 100 hp. e. (oil) Diesel; 200 hp. wtr. wheel, Smith.

City cont. 150 Mazdas moonlt. 40 c. p. $20 per yr; coal $3. (Also lts. Interlaken, Sheldrake and Trumansburg.)

G L S W 1 ✠ 113

**OWEGO,** 4,633—Owego Lt. & Pwr. Co.; cap. stock outstdg. $60,000.
Pres. W. S. Truman................Owego
V. Pres. Wm. G. Phelps......Binghamton
Sec. & Treas. G.F. Andrews.......Owego
*¶ Mgr. & Cont. Agt.
D. C. Newton...................... "
Engr. Pwr. Sta. Gilbert Newell.... "
Ch. Elecn. H. W. Kidder.......... "

3 a. c. G. E. tot. 725 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. 23 kw. 250 v; 1 arc Brush 8,500 v. 5.5 amp; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir.; 125 hp. e. Sknir; 600 kw. stm. turb. DeLaval; 200 hp. (wtr.) turb. Smith; 400 hp. b. Wilkinson.

City cont. 69 arcs A. B. 5.5 amp. 1200 c. p. $68.25 per yr; 205 Mazdas 48 & 80 c. p. tot. $1,440 & $810 per yr; all nt; coal $2.55.

D L S W 1 3 ✠ 16

**OXFORD,** 1,654—Norwich Gas & Elec. Co. See Norwich.

2 transf. West. Pittsbg. tot. 150 kw; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 4 Mazdas "C" $65 per yr; moonlt; all nt.

D L 3 ✠ 125

**OYSTER BAY,** 1,891—Nassau Lt. & Pwr. Co. See Mineola.

**PALMYRA,** 2,268—Central New York Gas & Elec. Co. For executive officers, see Geneva.
Supt. C. F. Clark....................Palmyra

Energy from Newark; 3 transf. G. E. tot. 150 kw. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 18 incs. series 40 c. p. $17.50 per yr; 8 2-lt. clusters series 120 c. p. $35 per yr. & 36 3-lt. clusters series 240 c. p. $75 per yr; all nt.

D L 3 ★26

**PANAMA,** 337—Panama Pwr. Co., cap. $4,000; no bds.
Pres. Walter Tanner..............Panama
V. Pres. L. C. Green............... "
*¶ Sec., Treas. & Mgr. E. M. Wiltsie "
Engr. Pwr. Sta. Eben Edwards .. "

1 a. c. W. E. 30 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.; 30 hp. e. Nagle; 90 hp. turb. (wtr.) Smith; 80 hp. b. Nagle.

City cont. 1 arc West. 7 amp. $25 per yr; 34 Mazdas 60 w. $5.50 per yr; 11 P. M.

L W 3 ✠ 23

**PARISHVILLE,** 490—Parishville Elec. Lt. Plant.
Owners, A. Sherman Lumber Co..Potsdam
*Ch. Elecn. A. N. Woodward..Parishville

1 a. c. G. E; a. c. nt. ltg. cir. 110 v; 60 hp. turb. (wtr.) Leffel.

L W X ✠ 16

**PATCHOGUE,** 3,824—Patchogue Elec. Lt. Co.; cap. $140,000, 8 p. c. div; no bds.
Pres. E. E. Hawkins, Jr......Ogdensburg
V. Pres. Joseph T. Losee.......Patchogue
Sec. H. S. Conklin................ "
*¶ Treas. & Mgr. R. R. Hawkins "
Com'l. Mgr. Ralph J. Andrews "
Ch. Engr. Sam'l Secord.......... "
Ch. Elecn. Henry Mulford..... "

3 a. c. G. E. West. tot. 925 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 385 hp. e. A. & S, B. & W; 740 hp. stm. turb. G. E; 750 hp. b. Heine.

City cont. 152 incs. 40 & 60 c. p. $20 & $23 per yr; 250 incs. 32 c. p. $20 per yr; all nt; coal $3.50 to $3.80. (Co. also lts. Blue Point, Bellport, Center Moriches, East Port, Speonk, Yaphank, Medford and East Moriches.)

D L S 1 2 ★125

**PAWLING,** 848—*Ralph A. Griffing.

Energy purchased from Housatonic Pwr. Co., 11,000 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. mo. cir. 110 v. s. ph. 60 cys.

City cont. 87 incs. 40 w. $15 per yr; moonlt. (Will also lt. Patterson.)

L 1 3 ✠ 16

**PEARL RIVER,** 1,200—Rockland Lt. & Pwr. Co. See Nyack.

**PEEKSKILL,** 15,245—Peekskill Ltg. & R. R. Co. Office, 127 Main St., Ossining; pwr. sta., Peekskill; cap. stk. prefd. $150,000, com. $500,000; bds. $646,000.
Pres. F. A. Stratton..........Mt. Vernon
¶V. Pres., Mgr. & Cont. Agt.
Stuart Wilder.............. "
Sec. B. W. Stilwell........... "
Treas. R. A. Carter, 4 Irving Pl., New York
Asst. Treasrs. *H. D. Swain..........Ossining
O. G. Bennett.......... "
Asst. Mgr. I. M. Beatty..........Peekskill
Supt. H. W. Terry, Jr...........Ossining
Engr. Pwr. Sta. C. L. Woods...Peekskill

5 a. c. West. tot. 525 kw. 2200 v. 2 ph. 60 cys; 1 rot. conv. 300 kw. 500 v; 2 d. c. West. 300 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; mo. cir. 200 v; 1100 hp. e. West; 600 hp. b. Bigelow; 262 kw. bat. Chlo. Accr. E. S. B.

C D R S 2 ✠ 26

**PENFIELD,** 425—Despatch Ht., Lt. & Pwr Co. See East Rochester.

City cont. 18 incs. 60, 80 & 200 c. p. $18, $20, $35 & $42 per yr; all nt.

L 16

**PENN YAN,** 4,597—Yates Elec. Lt. & Pwr. Co. Office, 115 Elm St.; cap. auth. $300,000; bds. $100,000.
Pres. E. R. Taylor...............Penn Yan
*Sec. & Supt. W. J. Tylee....... "
Engr. Pwr. Sta. Alva Rogers. . Seneca Mills

2 a. c. G. E. 450 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. mo. cir. 208-416 v. s. 2 & 3 ph. 60 cys; 350 hp. e. Watertn; 530 hp. (wtr.) turb. Platt; 400 hp. b; 190 transf. G. E. West, 600 kw.

D L S W 1 2 8 ✠ 75

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Munic. Elec. Lt. Plant; cost $35,000.
Bd. Comrs.
Pres. Fred. Lynn.....Penn Yan
F. McNiff.............. "
Sec. Luin E. Dexter... "
John B. Cramer...... "
R. A. Scofield......... "

*Supt. Edward Lynch..........Penn Yan
Engrs. Pwr. Sta. H. C. Stone........ "
W. C. Webbie...... "
Wm. Schofield..... "

2 a. c. Stan. K. C. tot. 300 kw. 2300 v. 2 ph. 60 cys; a. c. day cir. 2300-106 v; a. c. pwr. cir. 220 v; 500 hp. e. Watertn; 400 hp. b.

71 city arcs A-B; 51 series Mazdas 60 w. (49) and 80 w. (2) all nt.

D L S 2 ★125†

**PERRY,** 4,388—Perry Elec. Lt. Co. (Under same management as Warsaw Gas & Elec. Co.); cap. $9,000; bds. $14,900.
Pres. Geo. W. Olmsted......Ludlow, Pa.
V. Pres. L. P. Benedict...............Perry
Sec. Henry R. Frost,
50 Church St., New York
*Treas. & Mgr. C. W. Torrey.......Perry
Engr. Pwr. Sta. R. C. Roe............ "

3 a.c. West. G.E. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. McI. & S; 160 hp. b. McE. Phoenix; 170 hp. e. (gas) West.

City cont. 27 incs. series 100 c. p. $38 per yr; all nt; coal $2.40; gas 27½ cts. (Erecting 13,200 v. trans. line to Silver Springs and will sell in bulk to municipality; expect to connect Silver Springs line with plant at Warsaw and build a central generating station.)

D G L S 1 3 ✣ 125

**PHELPS.** 1,354—Central New York Gas & Elec. Co. For executive officers, see Geneva.
Supt. B. O. Beard......................Phelps

Energy from Geneva; 13, 200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir.

City cont. 65 incs. series 6.6 amp. 100 c. p. (23) $36 & $25 per yr. and 60 c. p. (42) $22 per yr; 22 2-lt. clusters series 6.6 amp. $40 per yr. and 3 3-lt. clusters series 6.6 amp. $60 per yr; all nt.

D L 3 26

**PHILADELPHIA,** 842—Munic. Electric Lt. Plant; cost $25,000; bds. $18,000.
Pres. of Bd. Burt Taylor....Philadelphia
Sec. Eugene Farnam.......... "
*Treas. W. A. Markwick..... "
Supt. T. J. Coolidge.......... "
Engr. Pwr. Sta. Joseph Hill.. "

1 a. c. West. 150 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 240 hp. wtr. wh. Smith.

30 city arcs West. 2000 c. p. $1000 per yr; mdnt; all nt.

L W 2 74

**PHILMONT,** 1,813—Chatham Elec. Lt., Ht. & Pwr. Co. See Chatham.

**PHOENIX,** 1,642—Seneca River Power Co. See Baldwinsville.

Trans. line from Baldwinsville, 2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.

City cont. 68 incs. 250 c. p. $25 per yr; 1 A. M.

D L 3 ✣ 16

Phoenix Lt. & Pwr. Co., Inc. (Successor to Phoenix Fuel, Lt. & Wtr. Co.)
Pres. Herbert Dunn................Phoenix
V. Pres. R. J. Pendergast......... "
Sec. & Treas. J. J. Jordon....... "
*¶Mgr. A. F. Nellis............... "
Gen. Supt. J. Covington......... "
Engr. Pwr. Sta. Ed. Trowbridge "

2 a. c. G. E. tot. 303 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys: 200 hp. e; 200 hp. b. Ames; 380 hp. wtr. wh. Trump.

Coal.

D L W 2 3 ✣ ★125

*Pierceville — Eaton-Morrisville Pwr. Co. See Eaton.

**PIERMONT,** 1,380 — Rockland Lt. & Pwr. Co. See Nyack.

**PITTSFORD,** 1,205—Despatch Ht., Lt. & Pwr. Co. See East Rochester.

City cont. 57 incs. 80 & 200 c. p. $24 and $42 per yr; all nt.

L 16

**PLATTSBURG,** 11,138—Plattsburg Gas & Elec. Co. (Pwr. plants in Plattsburg and Indian Rapids); cap. outstdg. $225,000; bds. $360,000.
*Pres. & Mgr. Geo. M. Cole...Plattsburg
V. Pres. Wm. M. Levy......... "
Sec. & Treas. O. J. Nichols... "
Supt. H. A. Stutehburg ...... "
Ch. Engr. Pwr. Sta. John Morey "

6 a. c. West. G. E. tot. 1520 kw. 11,000-2300 v. s. & 3 ph. 133 & 40 cys; 4 d. c. G.E. Westg. tot. 610 kw. 550 v; 3 arcs G.E. tot. 48 lt; a. c. day & nt. ltg. cir. 110 v. s. ph. 133 cys; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 40 cys; d. c. day & nt. mo. cir. 500 v; 615 hp. e. Ball, West; 719 hp. b. Bab. & W; 1863 hp. wtr. wh. Hol, Platt; 360 amp. hr. stor. bat. U. S. Lt. 600 v. 45 amp.

City cont. 102 luminous arcs 4 amp. G. E. lumn. type $71 per yr; 44 Mazdas 80 c. p. $35; all nt; coal $4.10 (Co. sells energy to Plattsburg Trac. Co.)

C D L S W 1 3 ✣ 125

**PLEASANTVILLE,** 2,207 — Northern Westchester Ltg. Co. See Ossining.

**PORT BYRON,** 1,085—Munic. Elec. Lt. Plant; cap. $6,000; bds. $5,500
Vil. Pres. W. L. Miller.........Port Byron
Vil. Clerk, W. P. Stilwell...... "
Treas. Wm. Blake.............. "
*¶Mgr. C. W. Weston.......... "

Buys energy from Niagara, Lockport & Ontario Pwr. Co.; 2200 v. 3 ph. 25 cys; a.c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

95 city series tung. 60 c. p; 1 A.M.

D L 1 3 ✣ 125

**PORT CHESTER,** 12,809—Westchester Ltg. Co. See Mt. Vernon.

**PORT HENRY,** 2,266—Port Henry Lt., Ht. & Pwr. Co.; cap. $50,000; no bds.
Pres. Wallace Murray.......Saranac Lake
V. Pres. Seward Foote........Port Henry
*¶Sec. Geo. H. Barwise....... "
Treas. Cyril F. Carpenter..... "
Engr. Pwr. Sta. Corbin Dunham "

1 a. c. Stan. 150 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 108 v. 60 cys; a. c. nt. mo. cir. 108-216 v. s. ph. 60 cys; 125 hp. e. Phila; 200 hp. wtr. turb. Risdon, Alcott; 150 hp. b. Utica.

City cont. 15 arcs $70 per yr; 100 Mazdas 32 c. p. $19.50 per yr; all nt; coal $4.10. (Co. also lts. Moriah and Moriah Center.)

D L S W 1 2 125

**PORT JEFFERSON,** 2,027—Port Jefferson Elec. Lt. Co.; cap. $7,500, 6 p. c. div; bds. $28,000.
Pres. W. L. Davis....................Coram
*¶Sec., Treas. & Mgr. W. T. Wheeler
Port Jefferson
Supt. & Engr. Pwr. Sta.
Harold D. Wheeler....... "

3 a. c. Ft. W. tot. 325 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 2 ph; 450 hp. e. Ames, H. F. & M; 330 hp. b. Ames; also steam heating.

City cont. 3 Mazdas 500 w. $60 per yr; 150 incs. 8 to 16 c. p. 30-60 w. $6 to $12 per yr; all nt; coal $3.75. (Also lts. Port Jefferson Station, Setauket, Stony Brook, Mt. Sinai, Miller Place and Shoreham.)

D H L S 1 2 ✣ 125

North Shore Elec. Lt. & Pwr. Co.
Pres. E. L. Phillips,
50 Church St., New York
V.Pres. G.E.Lott " " "
Sec. Benj. T. West.........Port Jefferson
Treas. H. R. Frost
50 Church St., New York
Local Mgr. J. J. Cassidy...Port Jefferson
*¶ Pur. Agt. B. S. Gramley,
50 Church St., New York
Engr.Pwr.Sta. R.Peterson..Port Jefferson

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 120 hp. e. Sknr; 100 hp. b. Keeler; interchange of energy with Long Island Ltg. Co.; 3 transf. G. E. tot. 75 kw.

City cont. 129 tung. 25 c. p. $15 per yr; all nt; coal $4. (Also lts. Setauket, Belle Terre, Oldfield, Stony Brook and Shoreham.)

D L S 1 3 25

**PORT JERVIS,** 9,564—Port Jervis Lt. & Pwr. Co. Office, 113 Pike St. (Have purchased property of Orange County Pwr. Co., Cuddebackville); cap. outstg. $117,960; bds. $ 200,000, 5 p. c.

*Pres. E. E. Mandeville } 900 Land Title
V. Pres. } Bldg.,Phila.,Pa.
Geo. H. Stephenson.... " "
Sec. & Treas. M. F. Maury " "
Audr. Lewis B. Harvey.. " "
Mgr. W. R. Ottey...............Port Jervis
Supt. Ovhd. Distrbn. Ira Post.. "
Engr. Pwr. Sta.
Sam'l T. Beatty............... "

3 a. c. G. E. tot. 1125 kw. 3 ph; 2 turbogen. tot. E; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 1100 hp. b. Keeler; 1500 hp. wtr. wh. Smith.

City cont. 131 arcs 1200 c. p. $74.77 per yr; 21 incs. 32 c. p. $18 per yr; 2600 com. incs. 10 cts. per kw; all nt; coal $1.75. (Co. also lts. Otisville, Sparrowbush and Cuddebackville, and sells to Pike County Lt. & Pwr. Co. at Matamors, Pa.)

D L S W 1 3 ✢ ★125

**PORT LEYDON,** 764—Port Leydon Elec. Lt. & Pwr. Co.

Owner H. E. Wilson.........Port Leydon

2 a. c. West. 105 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 230 hp. wtr. wh. Camden.

City cont. 55 series incs. 80 c. p. $12 per yr; 1 A. M. moonlt.

D L W 2 ✢ 125

**PORT WASHINGTON,** 1,044—Nassau Lt. & Pwr. Co. See Mineola.

**POTSDAM,** 4,038—The Potsdam Elec. Lt & Pwr. Co.; cap. outstg. $22,000; no bds.

Pres. F. A. Stoughton............Potsdam
Treas. Paul B. Murphy............ "

3 d. c. G. E. 140 lt; 4 a. c. G.E. 1000 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 3000 hp. turb. Leffel. Purchases energy from The Hannawa Falls Wtr. Pwr. Co; 9 transf. tot. 600 kva. West. G. E.

D L W 3 ✢ ★125

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Northern Pwr. Co.; cap. $316,000.
*Pres. & Mgr. F. A. Stoughton..Potsdam
Treas. Paul B. Murphy........... "

Energy purchased from Hannawa Falls Wtr. Pwr. Co.; 35 transf. G. E. West. tot. 6650 kw; trans. 4400-22,000-90,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440-575-2200 v. 3 ph. 60 cys.

(Co. sells energy to Ogdensburg Pwr. & Lt. Co., and also serves Richville, Gouverneur, Canton, Lisbon, Colton and Heuvelton.)

D L 3 —— ★125

Munic. Elec. Lt. Plant. Cost $28,000; bds. $25,000.

Pres. Bd. F. R. Pert...............Potsdam
Treas. F. E. Baum.................. "
*Supt. G. A. Littell................ "
Engr. Pwr. Sta. Bert Irish........ "

1 a. c. Ft.W. 150 kw. 2200 v. 2 ph. 60 cys; no day cir; 245 hp. turb. (wtr.) Dayton, Globe.

104 city arcs West. $20 per yr; 140 city incs; all nt.

L W 2 ✢ ★16

**POUGHKEEPSIE,** 27,936 -- Central Hudson Gas & Elec. Co. Main Office, 50 Market St. Pwr. stas. at Newburgh and Poughkeepsie; cap. outstg. $1,727,500; bds. $2,090,300.

Pres. T. R. Beal.............Poughkeepsie
V. Pres. J.L.Wilkie..2 Wall St.,New York
Sec P. A. Burnes.............Poughkeepsie
Treas. Wm. Schickle...... "
*Oper.Mgr. H. M. Beugler. "
¶ Pur. Agt. F. M. Stark.... "
Cont. Agt. J. J. Cagney.... "
Dist. Supt. G. A.Voorhees. "
Engr.Pwr.Sta. Geo. Weaver "

4 a.c. G. E. tot. 5300 kw. 2300 v. 2 ph. 60 cys; 7 rect. G.E. tot. 350 lt; trans. 33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112-224 v; a. c. day & nt. mo. cir. 112-224 v. 2 & 3 ph. 60 cys; 1000 hp. e. Newburgh, Whitehill; 4500 kw. stm. turb. Curtis, G.E; 3960 hp. b. Sterling. Also purchases energy from Honk Falls Pwr. Co.; 6 transf. G. E. tot. 3000 kw.

City cont. 329 arcs magn. 4 amp. $76 per yr; 889 tung. 32 & 80 c. p. $20 & $28 per yr; all nt; coal $2.47, $2.50, $3.32 & $3.35 per long ton. (Poughkeepsie sta. also serves Hyde Park, New Hamburgh and Highland, and sells energy in bulk to The Elec. Lt. Co. of New Paltz, Walkill Valley Elec. Lt. & Pwr. Co. and Poughkeepsie City & Wappinger Falls Elec. Ry. Co.)

D N S 2 3 25

**PULASKI,** 1,788—Pulaski Elec. Lt. Co. Executive office, Marine Bank Bldg., Buffalo; cap. $16,000.

Pres. F. D. Corey..................Buffalo
Gen. Mgr. S. Piek.................. "
Supt. H. C. Burkett...............Pulaski

Energy purchased from Salmon River Pwr. Co. at Bennett Bridge; 3 transf.—— tot. 225 kva. 13,200-6600 v; a. c. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 146 lts. (Also lts. villages of Altmar and Richland.)

L 3 16

**RANDOLPH,** 1,298 — Randolph Lt. & Pwr. Co., Inc.; cap. $20,000.

Pres. G. M. Gest................New York
*Sec. E. Wisnewski........... "
Mgr. J. W. Grace................Randolph

2 a. c. Ridg, G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 400 hp. e. Ridg; 300 hp. Bab. & W, A. & T.

City cont. 104 series incs. 60 c.p. 5.5 amp. $18.90 & $22.80 per yr; all nt; mdnt; coal $2.90. (Co. also lts. E. Randolph, Conewango. Rutledge, South Dayton and Cherry Creek.)

D L S 1 3 ✢ ★125

**RAVENA,** 1,000—Upper Hudson Elec. Co. See Catskill.

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Atlantic Lt. & Pwr. Co. See Coeymans.

**RED HOOK,** 960 — Red Hook Lt. & Pwr. Co. Gen. office, 17 State St., New York. Pwr. plant at Germantown.

Mgr. H. H. Pine.............Germantown

L ★125

**RENSSELAER,** 10,711—Albany Southern R. R. Co. See Hudson.

**RENSSELAER FALLS**, 450—Rensselaer Falls Elec. Lt. & Pwr. Co.; cap. $12,000; no bds.
Pres. Eugene Morrison..Rensselaer Falls
V. Pres. W. S. Blair...... "
Sec. & Treas. Frank Morrison "
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. wtr. whl. Smith.
City cont. 45 Ed. 32 c.p. incs. $6 per yr; 1 A. M. (Co. also lts. De Kalb Junction. 45 tung. 75 c. p. $10 per yr.)
L W 3 125

**REXFORD FLATS**—Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 60 cys.
D L 1 16

**RHINEBECK**, 1,548—The Dutchess Lt. Ht. & Pwr. Co.; cap. $52,000.
Pres. Frank Herrick..........Rhinebeck
*¶Sec.&Mgr.R.Raymond Rikert "
Treas. T. A. Traver .......... "
Ch. Engr. D. S. Beach........ "
Ch. Elecn. E. Steenburgh.... "
2 a. c. Ft. W. 175 kw. 2200-110 v. s. & 2 ph. 60 cys; a. c. day cir. 110 v; pwr. cir. 220 v; 280 hp. e. Watertn, Erie, Ball; 500 hp. b. A. & R.
City cont. 127 incs. 40 c. p. $20 per yr; all nt; coal $3.70. (Co. also lts. Rhinecliff and Staatsburg.)
D L S 1 2 16

**RHINECLIFF**, 608—The Dutchess Lt., Ht. & Pwr. Co.. See Rhinebeck.
City cont. 45 incs. 40 c. p. $20 per yr.
L 125

**RICHFIELD SPRINGS**, 1,503—Collier's Lt., Ht. & Pwr. Co. See Cooperstown.
2 transf. G. E. tot. 270 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
City cont. 58 Mazdas 60 & 200 c.p. $22.50 & $45 per yr; all nt.
D L 3 ✠ 74

**RIPLEY**, 1,100—Ripley Elec. Co.; cost $3,500.
Pres. S. E. Persons...............Ripley
*Sec. & Treas. R. G. Hildred....... "
1 d. c. Burke 40 amp. 220 v; d. c. nt. ltg. cir.
City cont. dark hrs; gas.
C G L §16

**RIVERHEAD**, 2,017—Riverhead Elec. Lt. Co. (Absorbed Hallett Elec. & Pwr. Co.); cap. $18,000: bds. $7,300.
¶ Pres. T. M. Griffing..........Riverhead
Sec. Mary G. Litchard.......... "
*Treas. R. P. Griffing........... "
¶ Mgr. & Supt. F. Carl Hallett. "
Engrs. Pwr.Sta. John Enstin....... "
W. H. Edwards.... "
Geo. Waltie........ "
4 a. c. G. E. Ft. W. tot. 395 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. a. c. mo. cir. 110 v. 2 ph. 60 cys; 450 hp. e. A. & S, Erie, Ball, Sknr; 100 hp. turb. Trump; 300 hp. b. Bab & W., Erie, Ball.
City cont. 178 mult. inc. 40 w. $18 per yr; all nt; coal $4.75. (Co. also lts. West Hampton Beach.)
D L S W 2 125

**ROCHESTER**, 218,149—Interstate Public Service Corpn. Gen. office, 1028-30 Granite Bldg., Rochester. (Controls St. Marys (Pa.) Elec. Lt. Co., Ridgway (Pa.) Elec. Lt. Co., Kane (Pa.) Elec. Lt. & Pwr. Co. and Johnsonburg (Pa.) Lt. & Pwr. Co.); cap. outstdg. $750,000; bds. $650,000.
Pres. J. Geo. Kaelber...........Rochester
V. Pres. Chas. W. Smith....... "
Sec. Carl F. W. Kaelber......... "
Treas. Fred'k W. Zoller......... "
Ch. Engr. H. T. Hartman,
1330 Land Title Bldg., Phila., Pa.
★16

Rochester Ry. & Lt. Co., 34 Clinton Ave., No. Pwr. sta. on Genesee River. (Consol. of Rochester Gas & Elec. Co. and Rochester Lt. & Pwr. Co. Controlled by the Mohawk Valley Co.); cap. outstdg. $9,500,000; bds. $12,851,000.
Pres. Horace E. Andrews,
Grand Central Terminal, New York
1st V. Pres. Wm. K. Vanderbilt, Jr.
Grand Central Terminal, New York
2nd V. Pres. Granger A. Hollister
Rochester
3rd V. Pres. Robt. M. Searle... "
Sec. J. C. Collins.............. "
Treas. E. L. Rossiter
Grand Central Terminal, New York
Asst. Treas. C. A. Tucker......Rochester
Gen. Mgr. Jas. T. Hutchings.. "
¶ Pur. Agt. Jas. B. Eaton..... "
Supt. T. H. Yawger........... "
Engr. in charge Elec'l Distribn,
J. O. Montignani............ "
Engr. Pwr. Sta. I. E. Powell ... "
12 a. c. G. tot. E, 32,350 kw. 4150 v. 3 ph. 25 & 60 cys; 63 d.c.G. E, Westg. tot. 11,600 kw. 1100-250-125 v; a. c. & d. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 240 v. 3 ph. 25 & 60 cys; d. c. day & nt. mo. cir, 240 v; 25,500 kw. stm. turb. G. E; 22,000 hp. turb. (wtr.) Trump, Allis-C, Morris; 10,000 hp. e. Allis C, Mackintosh, A & S; 18,000 hp. b. Bab. & W, Heine, Haz; 3500 kw. stor. bat. 125-250 v. E. S. B. Also purchase energy from Niagara-Lockport & Ontario Trans. Co.; 9 transf. Westg, G. E. 135,000 kw; 8 rot. conv. G. E. 12,000 kw; 14 mo. gen. G. E. 7000 kw; 2 freq. changers G. E. 2500 kw.
City cont. 4300 arcs G. E. carbon 6.6 & 7.5 amp. $57.90 & $68 per yr; 1800 Mazdas 60 c.p. 80 w. $18 & $22.63 per yr; 4000 hrs; coal. (Co. also lts. Irondequoit, Gates, Greece, Brighton and Charlotte and sells energy in bulk to companies supplying Canandaigua, Victor, E. Rochester, Pittsford, Penfield, Rose, North Rose, Red Creek, Williamson, Ontario, Hilton, Webster, Macedon, Wolcott and Sodus.)
C D N S W 3 ★105w

**ROCKVILLE CENTRE**, 5,223—Munic. Elec. Lt. Plant; cost $128,421.10; bds. $21,820.
Vil. Pres. D. N. Bulson........ Rockville
Trustees Jas. F. Russ...... Centre
Jas. W. Carty..... "
Edwin W. Wallace "
John W. Cross... "
Clerk, George S. Utter. ...... "
*Ch. Engr. H. C. Major....... "
Engr. Pwr. Sta. Edw. Searle.. "
4 a. c. Ft. W. tot. 700 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 2 ph; 1100 hp. e. West, Ball, B. & W; 690 hp. b. Dillon, Franklin.
864 Mazdas (30-400 c.p. & 834-40 c. p.); coal $3.85; all nt.
D L S 1 2 26

**ROME**, 20,497—The Rome Gas, Elec. Lt. & Pwr. Co. Office, 139 N. James St.; cap. $400,000; bds. $400,000.
Pres. Jas. T. Lynn
1714 Ford Bldg., Detroit, Mich.
V. Pres. John D. McMahon........Rome
Sec. V. N. Gurney
1714 Ford Bldg., Detroit, Mich.
¶ Treas. A. L. Wilkinson.. " "
Gen. Supt. D. F. Burritt ... " "
*Supt. Albert B. Morton............Rome
Engr. Pwr. Sta. Joseph Orr........ "
Purchases energy from Utica Gas & Elec. Co. 3 transf. G. E. tot. 1500 kw; 3 a. c. G. E. tot. 399 kw. 2300-440-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 2300-440-220-110 v. s. & 3 ph. 60 cys; 660 hp. e. Rus; 606 hp. b. Stir.

City cont. 256 G. E. enc. arcs 6.6 amp. $83 per yr; 96 series incs. 25 c. p. $20 per yr; 88 4-lt. clusters 100 w. Mazdas 3 lts. mdnt. & 1-lt. all nt. $56 per yr; 19 Mazdas 100 w. 9 (all nt.) $22.40 per yr. and 10 (mdnt.) $11.20 per yr.
D L S 1 3 ✣ 125

**ROSLYN,** 1,251—Nassau Lt. & Pwr. Co. See Mineola.

**ROTTERDAM JCT.,** 300—Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 40 cys.
D L 1 16

**ROUND LAKE,** 300—Dwaas Elec. Co. Office, 55 John St., Hudson Falls; cap. $12,000.
Pres. E. E. Sabourin ............ } Hudson
V. Pres. W. W. Blackmer ...... } Falls
Sec. E. Jouriles.................... "
Treas. Alfred Stoodley........... "
*Mgr. & Engr. Pwr. Sta.
D. S. Haines...............Round Lake
Buy current; 2200 v. 3 ph. 40 cys; a. c. day & nt. ltg. cir. 110 v. 40 cys; a. c. mo. cir. 110 v. 3 ph. 40 cys.
City cont. 101 series tung. 25 c. p. $15 per yr; all nt.
D L 3 ✣ ★125

**ROUSES POINT,** 1,675—Munic. Elec. Lt. Plant.
Pres. W. H. Coates..........Rouses Point
Treas. A. C. Bullis........... "
*Mgr. H. A. Sabourin........ "
1 a. c. West. 75 kw. 2100-110 v. s. ph. 60 cys; no day cir; 125 hp. e. Watern; — hp. b. Worthington.
Mdnt.
L S 1 ✣ 125

**RYE,** 3,964—Westchester Ltg. Co. See Mt. Vernon.

**SAG HARBOR,** 3,408—Sag Harbor Elec. Lt. & Pwr. Co.; cap. outstdg. $5,400; bds. $20,000.
*Pres. & Mgr. Thos. P. Cunningham
Sag Harbor
Sec. Geo. H. Densing......... "
Treas. James Warren Deale...Northport
Ch. Engr. H. F. Pidgeon......Sag Harbor
Energy from Suffolk Lt., Ht. & Pwr. Co.; 1 a. c. G. E. 75 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v.
City cont. 150 series tung. 32 & 40 c. p. $16.66 per yr; moonlt.
D L 2 ★125

**ST. JOHNSVILLE,** 2,536—East Creek Elec. Lt. & Pwr. Co.; cap. stk. $500,000; bds. $925,000.
Pres. H. W. Starr...............New York
V. Pres. Chas. E. Snyder.........Herkimer
Sec. & Treas. Geo. A. Harris..Gloversville
*Supt. J. D. Cairns.........St. Johnsville
4 a. c. G. E, West. 6000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir; 10,000 hp. wtr. wh. Risd, Pelton, Alcott.
City cont. 11 A.B.mult.arcs 450 w. $60 per yr; 90 Mazdas 40 w. $15 per yr: 50 w. $18.72 per yr; 75 w. $28.20 per yr; all nt. (Trans. line 41 mi. 15,000-30,000 v; furnishes energy in bulk to Montgomery Elec. Lt. & Pwr. Co., and F. J. & G. R. R. Co.; also lts. E. Creek, Manheim and Inghams.)
D N W 3 ✣ 125

**ST. REGIS FALLS,** 1,323—St. Regis Lt. & Pwr. Co.; cap. $50,000.
*¶Pres., Treas. & Mgr.
H. E. O'Neil...............St. Regis Falls
Sec. O. O'Neil............. " "
Supt. & Ch. Elecn.,
Carl O. Coffin............. " "

1 a. c. West. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 320 hp. turb. Leffel.
City cont. 100 incs. 32 c. p. $12 per yr; all nt.
D L W 2 ✣ 16

**SALAMANCA,** 5,792 (est.)—Munic. Wtr. & Lt. Plant.
Commrs. { Pres. W. A. Oakes..Salamanca
Dr. J. A. Taggart.. "
E. B. Fitzgerald .. "
*¶Mgr. H. E. Heller........... "
Engr. Pwr. Sta. C. R. Weagraff "
4 a. c. G. E. tot. 350 kw. 2200 v. 3 ph. 60 cys; 2 rect. G. E. tot. 150 lt; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 505 hp. e. (gas) Bruce Macbeth.
129 city arcs magn. 310 w. $32.24 per yr; 238 incs. 50 w. $6.87 per yr; all nt; nat. gas 20¼ cts.
D G L 3 16

**SALEM,** 1,250—Salem Lt., Ht. & Pwr. Co. Power plant in E. Greenwich.
Pres. John F. O'Brien........Plattsburgh
V. Pres. Sec. & Treas.
Jarvis P. O'Brien ..................Troy
*¶Supt. & Ch. Engr. W. H. Simpson, Salem
2 a. c. G. E, West. tot. 150 kw. 2300-104 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 332 hp. turb. (wtr.) Smith.
City cont. 31 arcs G. E. 6.6 amp. $60 per yr; all nt.
D L W 3 ✣ ★16

**SARANAC LAKE,** 4,983—Paul Smith's Elec. Lt. & Pwr. & R. R., Co. (Gen. stas. at Saranac Lake, Franklin Falls and Union Falls); cap. outstdg. $200,000; bds. $400,000.
Pres. Paul Smith............Paul Smith's
V. Pres. J. M. Cantwell...........Malone
Treas. Phelps Smith.........Paul Smith's
Acc'tant, W. J. Richardson. Saranac Lake
*¶Mgr. Ltg. P. A. Gould.... "
4 a. c. Stan. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104-115 v. 60 cys; a. c. day & nt. mo. cir. 208-230 v. 2 & 3 ph. 60 cys; 100 hp. e. (gas) F. & M; 450 hp. turb. S. & B, Smith.
City cont. 26 arcs G. E. 6.6 amp. $60 per yr; 200 Mazdas 60 c. p. $20 per yr; all nt. (Also furnishes ltg. and pwr. in Bloomingdale, Lake Clear, Gabriels, Rainbow, Paul Smith's and Ausable Fork; will supply energy to village of Lake Placid.)
D G R W 2 3 ✣ 125w

**SARATOGA SPRINGS,** 13,763—Adirondack Elec. Power Corpn. For executive officers see Glens Falls.
Supt. P. F. Roohan.....Saratoga Springs
30,000 v. trans.; 3 transf. G. E. tot. 1370 kw; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 254-550 v. 3 ph. 40 cys.
City cont. 161 arcs enc. 6.6 amp. $75 per yr; 281 incs. series 1.7 amp. $21 per yr; all nt.
D L 3 16

**SAUGERTIES,** 3,929—Ulster Elec. Lt., Ht. & Pwr. Co. (Controlled by the American Gas Co.) Cap. $30,000.
Pres. M. W. Stroud..............Phila. Pa.
V. Pres. S. P. Curtis............ "
Sec. W. L Fox................... "
Treas. J. B. Townsend, 3rd.... "
Audr. A. P. Post.................. "
*Mgr. F. Tobey, Jr..............Saugerties
¶Pur. Agt. F. D. Wharton.....Phila. Pa.
3 d. c. G. E, West. tot. 190 kw. 250-125 v; d. c. nt. ltg. cir. 220 110 v; no mo. cir; 225 hp. e. B. & W; 250 hp. b. Erie.
City cont. 10 arcs 450 w. (3) and 715 w. (7) $70 and $75 per yr; 183 Mazdas 60 w. $13 per yr; all nt; coal $3.60.
C L S ★16

**SAUQUOIT,** 550—Adrian Knitting Co.
Pres. L. J. Lewis............Adrian, Mich.
Sec. Wm. J. Harries....... "
Treas. L. J. Lewis, Jr...... "
*Mgr. H. F. Zimmerman........Sauquoit
1 a. c. T-H. 35 kw. 1100 v. 3 ph; a. c. nt. ltg. cir. 110 v; 125 hp. wtr. whl. Swain.
L W 3 125

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Utica Gas & Elec. Co. See Utica.

**SAYVILLE,** 1,954—Long Island Ltg. Co. For executive officers see New York City.
Supt. R. B. Spencer..............Sayville
4 a. c. G. E, Ft. W, tot. 360 kw. 2300-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 350 hp. e. H. F. & M, Reeves; 210 hp. b. Delaney.
City cont. 133 series incs. 25 c. p. $18 per yr; all nt. (This sta. also lts. West Sayville.)
D L S 1 3 25

**SCHAGHTICOKE,** 765—Hoosac River Elec. Lt. & Pwr. Co. (Controlled by Schenectady Pwr. Co. which see for officers); cap. $20,500; no bds.
Energy from Schenectady Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 40 cys; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph. 40 cys.
City cont. 112 Mazdas series 40 c. p. $15 per yr; all nt. (Co. also lts. Valley Falls and Johnsonville.)
D L 1 3 125

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Schenectady Power Co.—Office, Shaghticoke. Gen. stas. in Schaghticoke and Johnsonville. (Controls the Hoosac River Elec. Lt. & Pwr. Co., and is in turn controlled by The General Electric Co, Schenectady); cap. $500,000; bds. $1,700,000.
Pres. Geo. E. Greene........Hoosick Falls
V. Pres. & Mgr.
Howard W. Starr.....Englewood, N. J.
Sec. & Treas.
Darius E. Peck............Schenectady
¶ Audr. A. McClure.........Schaghticoke
*Supt. E. B. Doen........... "
Ch. Optr. Pwr. Sta.
R. D. Sherman........... "
Tot. equip. 9 a. c. G. E, tot. 19,375 kw. 4400 v. 3 ph. 40 cys; 30,000 hp wtr. wh. Pelton, Smith; transmn. volt. 33,000 v. 3 ph. 40 cys. (Energy delivered to G. E. Co., also supplies Hoosac River Elec. Lt. & Pwr. Co.)
T W 3 16

**SCHENECTADY,** 72,826—Schenectady Illg. Co., Office. 511 State St.
Pres. ............... ————
V. Pres. & Mgr. H. W. Peck..Schenectady
Sec. & Treas. Darius E. Peck "
*Audr. J. M. Brucker........ "
Cont. Agt. E. M. Ellsworth.. "
¶ Pur. Agt. L. E. Cass....... "
Gen. Supt. C. S. Van Dyke.. "
Engr. Pwr. Sta. T. Palmatier. "
Energy purchased from Gen. Elec. Co.; 14 transf. G. E. 3,600 kw; 2 exciters G. E. tot. 150 kw; 7 freq. changers G.E. tot. 4000 kw. a. c. day & nt. ltg. cir. 118 v. 40 & 60 cys; a. c. day & nt. mo. cir. 236 v. 3 ph. 60 cys; trans. 10,000 v. 3 ph. 40 cys.
City cont. 950 arcs magn. 4 amp. $60 per yr; 69 arcs lum. 6.6 amp. $92 per yr; 451 incs. series & mult. 60, 40, 25 & 16 c.p. $28, $18, $16 & $10 per yr; all nt. (Co. also lts. Rotterdam Junction, Loudonville, Carman, Rexford Flats, South Schenectady, Burnt Hills, Scotia, Newtonville, Ballston Lake, West Albany, Niskayuna and Clifton Park.)
D L 3 ✣ ★16

**SCHOHARIE,** 996 — Middleburg & Schoharie Elec. Lt., Ht. & Pwr. Co. See Middleburg.

City cont. 63 incs. 32 c. p. $16 per yr; midnt.
L 25

**SCHUYLERVILLE,** 1,614 — Consolidated Elec. Co. See Greenwich.

**SCOTIA,** 3,789—Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. & 3 ph. 60 cys.
D L 1 3 16

**SCOTTSVILLE,** 900—Scottsville Elec. Lt. & Gas Co.; cap. auth. & issued $20,000.
Pres. Merton E. Lewis..........Rochester
Sec. Donald M. Lewis..............Avon
Treas. ——— ——— ................ "
Mgr. Roy E. Bowen................. "
*Supt. LeRoy M. Slocum......Scottsville
Energy purchased from Livingston-Niagara Pwr. Co.
City cont. 50 incs. 32 & 50 c.p. tot. $1,000 per yr.
L ★115w

**SEA CLIFF,** 1,694—Nassau Lt. & Pwr. Co. See Mineola.

**SENECA FALLS,** 6,588—Central New York Gas & Elec. Co. For executive officers, see Geneva.
Supt. Gordon M. Meyer......Seneca Falls
3 transf. West. tot. 300 kw. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.
City cont. 397 Mazdas series 6.6 amp. 40 c. p. (208) $18 per yr., 60 c. p. (165) $24 per yr. & 60 c. p. (24) $22 per yr; 25 5-lt. posts Mazdas series 6.6 amp. 60 c. p. $45 per yr; all nt.
D L 3 26

**SHERBURNE,** 960—Munic. Elec. Lt. Plant; cost $15,000.
Pres. C. S. Carrier.............Sherburne
Sec. & Treas. Levi Collins..... "
*Mgr. & Engr. Pwr. Sta.
Wm. Chanp................. "
2 a. c. C.-W. tot. 200 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp.e. Ridgeway, Erie; 150 hp. b. Ames.
15 city arcs and 26 incs; coal $3.10.
D L S 2 75

**SHERMAN,** 836—Sherman Elec. Lt. Co. cap. $9,000; no bds.
*¶Pres. & Mgr. C. E. Cobb......Sherman
V. Pres. J. G. Bly.............. "
Sec. C. E. Sheldon............. "
Treas. Louise Hart............. "
Engr. Pwr. Sta. A. J. Swart..... "
2 d. c. West. 45 kw. 120 v; d. c. day & nt. ltg. & mo. cir. 110 v; 100 hp. e. B. F. Co; 100 hp. b. Nagle.
City cont. 91 tung. 40 w. $11 per yr; moonlt. mdnt; coal 2.65.
C D L S ✣ 25

**SHORTSVILLE,** 1,112—Ontario Lt. & Trac. Co. See Canandaigua.

**SHUSHAN,** 500 — Elec. Lt. Plant.
Owner, L. C. Piser & Son.......Shushan
*Supt. R. H. Piser................ "
1 d. c. U. S. 30 kw. 120 v; d. c. nt. ltg. & mo. cir. 115-112 v; 60 hp. turb. Smith.
City cont. 45 tung. 60 w. $10 per yr; all nt.
C L W ✣ 16

**SIDNEY,** 2,507—Standard Lt., Ht. & Pwr. Co. See Unadilla.

**SILVER CREEK,** 2,512—People's Elec. Lt. & Pwr. Co.
*V. Pres. & Mgr. O. F. Kiefer,
Silver Creek

1 a. c. Westg. 60 kw. 1050-104 v. s. ph. 133 cys; 1 arc W. E. 50 lt; no day cir; 250 hp. e. Skinn; 190 hp. b. Union.
City cont. 50 arcs 2000 c. p. $75 per yr; moonlt; natl. gas.
L S 1 ✣ ★26†

**SILVER SPRINGS,** 974—Munic. Plant.
Pres. Vil. J. E. Nash......Silver Springs
*Clerk, J. G. Kershaw...... "
Engrs. Pwr. Sta. { Edw. Lozier "
H. Kennison "
1 a. c. G. E. 50 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. gas pro. Syracuse Industrial Gas Co.; 75 hp. gas e. Nat'l Meter.
City cont. 60 incs. 40 w. (Will purchase energy from Perry Elec. Lt. Co.)
G L 3 ★125

**SINCLAIRVILLE,** 542—Electric Lt. Plant.
*Owner & Mgr. William Huntington, Sinclairville
1 a. c. G. E. 15 kw. 1100-110 v. s. ph. 60 cys; no day cir; 30 hp. e. (gas) Lozier.
City cont. 46 series tung. 32 c. p. tot. $13.33⅓ per yr; moonlt; gasoline.
G L 1 ✣ 25

**SKANEATELES,** 1,615—Munic. Elec. Lt. Plant; cost $40,000; bds. $4,000.
Pres. Bd. F. G. Weeks........Skaneateles
*¶Village Clerk, E. C. Miller. "
Treas. P. J. Slattery......... "
Supt. & Engr. Pwr. Sta.
Jas. Haskins............... "
Ch. Elecn. Geo. Randall...... "
Purchases energy from Niagara, Lockport & Ontario Pwr. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys. Emergency equip; 2 a. c. G. E. tot. 132 kw. 1150 v; 300 hp. e. Sknr, Erie; 280 hp. b. Union.
42 city nitro. lamps 250 c. p. $59 per yr; 23 series incs. 60 c. p; all nt.
D L S 1 ★125

**SLOAN,** 1,259—The Depew & Lancaster Lt., Pwr. & Conduit Co. See Lancaster.

**SODUS,** 1,500—Sodus Gas & Elec. Lt. Co.; cap. $90,000; bds. $19,000.
Pres. C. W. Mills..................Sodus
V. Pres. Thos. H. Munro........Camillus
*Sec. & Gen. Mgr. G. R. Mills.....Sodus
Treas. Dr. A. E. Larkin..........Syracuse
Supt. M. D. Lord...................Sodus
Energy purchased from Rochester Ry. & Lt. Co.; 4400-2200-220-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-110 v. s. & 3 ph. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys.
City cont. 220 series incs. 16 c. p. $14.28 per yr; 53 tung. 31 w. $15 per yr.; 90 tung. 40 w. $20 per yr; all nt. (Co. also lts. Williamson, East Williamson, Pultneyville, Union Hill, Webster, Ontario Center, Ontario, Fruitland and West Webster and sells energy to Marion Pwr. Co.)
D L 1 3 ✣ 125

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Wayne Pwr. Co.; cap. $10,000; bds. $90,000.
*Pres. G. R. Mills..................Sodus
V. Pres. Anna G. Putnam.......... "
Sec. & Gen. Mgr. C. W. Mills...... "
Treas. Willard H. Richardson...... "
Energy from Wayland Elec. Lt. & Pwr. Co. 9 transf. Kuhlman tot. 300 kw; 2 a. c. G. E. 150 kw. 2400 v. 3 ph. 60 cys; trans. volt. 11000 v; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-222 v. s. & 3 ph. 60 cys.
City cont 280 tung. 40 w. $20 per yr; all nt. (Co. also lts. Cohocton, Avoca, Wallace, Naples, Atlanta and North Cohocton.)
D L 1 3 125

**SOLSVILLE,** 100—Solsville Elec. Lt. & Pwr. Plant; cost $5,000.
*Owner, Geo. R. Smith..............Solsville
1 a. c. West. 75 kva. 2400 v. 3 ph. 60 cys; a. c. day & nt. (20 hrs. when wtr. supply is sufficient) ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 110-220 v. s. & 3 ph. 60 cys; 60 hp. e. (gas) Otto; 90 hp. turb. (wtr.) Munson.
City cont. 40 Mazdas. 40 c. p. $15 per yr; moonlt. (Co. also lts. Madison & Bouckville.)
D G L W 1 3 ✣ 45

**SOLVAY,** 6,000—Munic. Elec. Lt. Plant.
Pres. Dr. W. P. Kanar................Solvay
Sec. E. M. Hall...................... "
Treas. W. H. North................. "
*¶Mgr. & Cont. Agt.
Chas. H. Cross................. "
Buys pwr. from Syracuse Ltg. Co. trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220 v s. & 3 ph. 60 cys.
City cont. 265 incs. "C" 100 to 400 c. p; all nt.
D L 1 3 ✣ 125

**SOMERSET,** 302—A. L. Swett Elec. Lt. & Pwr. Co. See Medina.
Energy from Barker.
City cont. 6 Mazdas 60 c. p. $30 per yr. all nt.
L 125

**SOUTH SCHENECTADY,** 100 — Schenectady Illg. Co. See Schenectady.
a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. 236 v. s. & 3 ph. 60 cys.
D L 1 3 16

**SOUTHAMPTON,** 2,213—Suffolk Lt., Ht. & Pwr. Co; cap. $40,000; bds. $80,000.
Pres. J. W. Kilbreth......Southampton
V. Pres. J. M. Sheehan..... "
Treas. Wm. P. Bishop...... "
*¶Mgr. & Cont. Agt.
W. B. Hambright......... "
Engr. Pwr. Sta. G. H. Merritt "
3 a. c. Ft. W. tot. 575 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 625 hp. e. Fishkill, Fitch; 750 hp. b. A. & T. Heine, Wickes.
City cont. 5 arcs. 1200 c. p. $90 per yr; 301 Tung 32 c. p. $18 per yr; all nt; coal $4. (Co. also lts. Watermill, Good Ground, East Quogue and Bridgehampton, and sells energy to Sag Harbor Elec. Lt. & Pwr. Co.)
D L S 3 94w

**SOUTH EDWARDS,** 109 — Northern New York Utilities, Inc. (Hydro-elec. pwr. plant.) See Watertown.
(Sells energy to Diana Paper Co., Harrisville.)
L W 35

**SOUTH GLENS FALLS,** 2,247 — United Gas, Elec. Lt. & Fuel Co. See Hudson Falls

**SPENCER,** 569 — The Seely Elec. Co. Gen. office, Academy St.; cap. $15,000.
*Pres. Treas. & Mgr.
Chas. A. Seely..................Spencer
V. Pres. & Sec. H. I. Seely......Waverly
Gen Supt. & Ch. Engr.
H. M. Goundry..................Spencer
1 a. c. G. E. 60 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 100 hp. e. Ames; 160 hp. b. Erie City.
City cont. 128 tung. 40 & 50 w; moonlt. all nt; coal. (Also lts. Candor and Van Etten.)
D L S 3 ✣ 125

**SPRING VALLEY,** 2,353—The Rockland Lt. & Pwr. Co. See Nyack.

**SPRINGVILLE,** 2,246 — Munic. Elec. Lt. Plant; bds. $27,450.

Pres. Bd. Ira H. Vail..........Springville
Sec. P. J. Cady.................. "
Treas. F. H. Furman.......... "
¶ Mgr. & Cont. Agt.
Bd. of Trustees.............. "
*Supt. Victor Hugel.... ..... "
Engrs. Pwr. Sta. { Ivan Pritchard.... "
Morris Harris..... "
Warren Churchill "

2 a. c. West. tot. 350 kw. 2200-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 150 hp. e. (gas) Alberger; 485 hp. turb. (wtr.) Leffel

54 city arcs, $50 per yr; 5400 carbon & tung; moonlt. (Co. also lts. New Ashford.)

D G L W 3 ✠ 25

**STAATSBURG,** 335—The Dutchess Lt., Ht. & Pwr. Co. See Rhinebeck.

City cont. 40 incs. 40 c. p. $20 per yr; 2 incs. 80 c. p. $28 per yr.

L 125

**STAMFORD,** 973—West Branch Lt. & Pwr. Co.; 2 gen. stas; cap. $5,000; bds. $50,000.
¶ Pres. & Treas. J. P. Grant...Stamford
V. Pres. Carrie E. Grant....... "
Sec. Helen Taylor................ "
*Mgr. Jas. McArthur............ "
Engrs. Pwr. Sta. { Walter Adams. ... "
W. B. J. Scott, Jr... "

3 a. c. West, Stan. tot. 345 kw. 6600-1100-v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 350 hp. e. B. & W; 160 hp. turb. (wtr.) Camden; 250 hp. b. Erie City; stm. htg.

City cont. 158 tung. 40 w. $15 per yr; moonlt; midnt; coal $3.70 (Also lts. Hobart and South Kortright.)

D H L S W 2 3 25

**STAPLETON** — Richmond Lt. & R. R. Co. See Borough of Richmond, New York City.

**STILLWATER,** 1,104—The Halfmoon Lt., Ht. & Pwr. Co. See Mechanicsville.

* **STUYVESANT FALLS,** 700—Albany Southern R. R. Co. See Hudson.

**SUFFERN,** 2,663—Rockland Elec. Co. See Hillburn.

**SYRACUSE,** 137,249—Syracuse Ltg. Co. Cap. $4,000,000; bds. issued $7,904,000.
Chmn. Bd. J. J. Cummins ......Syracuse
Pres. J. C. De Long.............. "
V. Prests. { Walton Clark......Phila., Pa.
Lewis Lillie...... "
Sec. G. W. Curran............ "
*Treas. & Asst. Sec. E. W. Poole..Syracuse
¶ Pur. Agt. J. A. Pearson......Phila., Pa.

Power purchased from Niagara Lockport & Ontario Pwr. Co.; 7 transf. G. E. tot. 7000 kw; 2 mo. gen. G. E. tot. 1000 kw; 3 freq. chgrs. G. E. tot. 3000 kw; 6 a. c. G. E. tot. 9800 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. 1850 kw. 500 v; 38 rect. G. E. tot. 2000 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 & 25 cys; d. c. mo. cir. 500 v; 2700 kw. e. McI. & S; 8000 kw. steam turb. G. E, Allis-C; 7000 hp. b. Heine.

City cont. 2000 magn. arcs; 4 amp. $68 per yr; 3750 tung. 7.5 amp. 50 w; all nt; coal. (Also supplies energy to E. Syracuse, Eastwood, Camillus, Minoa, Fayetteville, Liverpool, Onondaga, Dewitt, Salina, Geddes and Marcellus.)

C D L S 3 35

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Oswego River Pwr. Transmission Co. 724 University Blk., Syracuse; cap. $20,000; bds. $77,000.
Pres. S. B. Storer....................Syracuse
V. Pres & Gen. Counsel
E. M. White ....................Phoenix
*Sec. & Treas. G. W. Pulver
Baldwinsville

Co. buys energy from Niagara, Lockport and Ontario Pwr. Co. and distributes it through Oswego Riv. Valley at 33,000-6600-2200 v. 3 ph. 25 cys. to Baldwinsville, Seneca Hill, Granby Center, Pennellville, Lysander, Fulton, Hannibal, Mexico and Phoenix; 12 transf. Westg, Allis-C. tot. 2400 kva.

T 3 ✠ 125

**TARRYTOWN,** 5,600 — Westchester Ltg. Co. See Mt. Vernon.
Supt. E. R. Conover.........Tarrytown

a. c. day & nt. ltg. cir. 106 v.

Vil. cont. (Ardsley) 82 incs. 25 c. p. (74) & 60 c. p. (8); (Dobbs Ferry) 184 incs. 25 c. p. (183) & 60 c. p. (1); (Elmsford) 96 incs. 25 c. p. (91) & 60 c. p. (5); (Hastings) 239 incs. 25 c. p; (Irvington) 120 incs. 25 c. p; (No Tarrytown) 218 incs. 25 c. p. (203) & 60 c. p. (15); (Tarrytown) 488 incs. 25 c. p. (368), 60 c. p. (92) & 100 w. (28); (Mt. Pleasant) 59 incs. 25 c. p; (Greenburg) 17 incs. 25 c. p; all nt.

D L 26

**THERESA,** 932—Hydro-Electric Pwr. Co.; cap. $40,000; no bds.
*¶ Pres. & Mgr. F. L. Santway..Theresa
V. Pres. Jas. B. Vock............. "
Sec. & Treas. Geo. P. Schwarz.... "

2 a. c. West. tot. 1240 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 1800 hp. turb. Smith.

D L S 3 ✠ 125

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Munic. Ltg. Plant; cost $35,000.
Lt. Comm. { Pres. Wm. Wiswell....Theresa
N. H. Schill........... "
*Sec. Roy Alton....... "

1 a. c. C-W. 100 kw. 2300 v. 2 ph. — cys; 170 hp. (wtr.) turb. Camden.

L W 2 ★95†

**TICONDEROGA,** 2,475—*Ticonderoga Elec. Lt. & Pwr. Co.; cap. $16,000.
Pres. Mrs. S. T. Burleigh....Ticonderoga
V. Pres. J. W. Burleigh..... "
¶ Treas. & Mgr. W. C. Noyes "

Purchases energy; a. c. day & nt. ltg. cir. 110 v. 2 ph. 60 cys; a. c. mo. cir. 2200 v.

City cont. 15 arcs 7.5 amp. & 20 incs. 16 & 32 c. p. tot. $1500 per yr; 45 incs. 16 c. p. $84 per yr; all nt.

D L 2 ✠ 10

**TOMPKINSVILLE**—Richmond Lt. & R. R. Co. See Borough of Richmond, N. Y. City.

**TONAWANDA,** 8,290—Tonawanda Pwr. Co. See North Tonawanda.

a. c. ltg. cir. 104 v.

City cont. 200 arcs 1200 c. p. $48 per yr.

L 16

**TREADWELL,** 175—*Elec. Lt. Plant.
Owner & Mgr. T. H. Niven....Treadwell

Direct current; 26 hp. turb. (wtr.) White.

City cont. 150 Mazdas 110-25 w. $5 per yr; 10.30 P.M.

C L W 73

**TROY,** 76,813—Troy Gas Co. (Elec. Dept.) Office, 58-64 River St.; cap. outstg. $3,000,000; bds. $900,000, 5 & 6 p. c. int.
Pres. Edward Murphy,
2nd Savings Bk. Bldg. Troy
V. Pres. & Gen. Mgr.
H. C. Shields................ " "
Sec. & Treas. Walter C. Coleman " "
¶ Supt. J. F. Cahill.............. " "
*Asst. Supt. & Ch. Engr.
D. B. Taylor......................... "

2 d. c. West. Walker tot. 275 kw. 500 v; 2 a. c. Stan. tot. 1100 kw. 10,800 v. 3 ph. 40 cys; a. c. day & nt. ltg cir. 115 v. 40 cys; a. c. day & nt. mo. cir. 230 v. 3 & 2 ph. 40 cys; d. c. pwr. cir. 500 v; 1500 hp. e. Cooper, K. & K; 1250 hp. b. Stir.; also

purchases energy from Adirondack Elec. Pwr. Corpn., Watervliet; 8 transf. West. tot. 4500 kw.

City cont. 1027 incs. "C" 600 c. p. $76.65 per yr; all nt; coal $3.49. (Co. also lts. North Troy and Waterford.)

C D L S 1 2 3 ✢ 125

**TRUMANSBURG,** 1,188 — Ovid Elec. Co. See Ovid.

**TUCKAHOE,** 2,722—Westchester Ltg. Co. See Mt. Vernon.

**TULLY,** 551—Munic. Wtr. & Lt. Plant; bds. $8,000.

Pres. Bd. George A. Haynes........Tully
*Sec. C. J. Kenyon.................. "
Treas. George H. Shopley........... "
Engr. Pwr. Sta. Louis C. Clay..... "

1 a. c. Ft. W. 1000-100-50 v. 116 cys; 80 hp. e. Ames; 100 hp. b. Ames.

1600 com. incs. 16 c. p. 12 cts. per kw. mdnt.

L S X ✢ 75

**TUPPER LAKE,** 3,067—Munic. Elec. Ltg. System of Tupper Lake; cost $30,000; bds. $12,500.

Pres. J. G. Gokey...........Tupper Lake
¶ Sec. D. C. Randall......... " "
Treas. W. D. Wilson....... " "
*Mgr. M. H. Presper........ " "
Engr. Pwr. Sta. James Welton " "

2 a. c. G. E. West. 165 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Watertn; 300 hp. b. Watertn.

115 city Mazdas 6.6 amp. $3.50 per yr; moonlt. (Also lts. Faust.)

D L S 1 25

**TUXEDO PARK,** 1,215—Tuxedo Elec. Lt. Co.; cap. auth. & pd. in $100,000.

Pres. P. Lorillard..........Tuxedo Park
*Supt. E. Meyer............. "

1 a. c. turbo-gen. G. E. Curtis. 300 kw. 2 ph; 3 a. c. G. E. 375 kw. 2300-116 v. s. ph. 60 cys; a.c. day cir. 115 v; 450 hp. e. Fishkill Cor: 100 hp. turb. Smith; 450 hp. b. Bab. & W.

City cont. 630 incs. 25 c. p.

D L S W 1 2 16

**UNADILLA,** 1,009—Standard Lt. Ht. & Pwr. Co.; Gen. sta. 1 mile from Sidney; cap. outstg. $60,000; bds. $69,500.

*¶ Pres., Mgr. & Gen. Supt.
E. O. Allen........................Sidney
Sec. & Treas. Jerome S. Seacord. Unadilla

6 a. c. G. E. tot. 700 kw. 1650-3300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114-220 v. 60 cys; a. c. day & nt. mo. cir. 114-220 v. 3 ph. 60 cys; 800 hp. stm. turb. De Laval; 600 hp. b. A. & T, A. & R, Bab. & W; 429 hp. turb. wtr. Lef.

City cont. 74 arcs 2000 c. p. $70 per yr; all nt; coal. (Co. also lts. Sidney and Bainbridge.)

D L S W 3 35

**UNION,** 1,544—Munic. Elec. Lt. Plant; bds. $9,000.

Vil. Pres. C. F. Brainerd...........Union
Trustees { F. D. Brown.......... "
C. E. Waterman......... "
E. Anson.............. "
*¶Sec. & Cont. Agt. John M. Payne "
Supt. O. Parsons.................... "
Ch. Engr. Pwr. Sta. C. A. Hines.... "

1 a. c. Ft. W. — kw. 2300 v. 2 ph. 60 cys; 1 rect. West. 50 lts; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. e Skinr; 275 hp. b. Erie City, Atlas.

43 city arcs; 7 incs; all nt; coal $3.

L S 3 ★16

**UNION SPRINGS,** 798—*Union Springs Lt. & Pwr. Co.; cap. $20,000; bds. $10,000.

Pres. & Treas. F. L. Mason.....Syracuse
V. Pres. L. A. Mason............... "
¶Sec. Mgr. Cont. Agt. Supt. & Engr.
Pwr. Sta. Geo. W. Hull...Union Springs

2 a. c. G. E. 100 kw. 220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. or 3 ph. 60 cys; 160 hp. e. Sknr; 160 hp. b. Robb; stm htg.

City cont. 91 Mazda 40 w. $17.50 per yr; all nt; coal $3.50. (Co. also lts. Springport.)

D H L 1 3 ✢ 23

**UTICA,** 74,419—Utica Gas & Elec. Co.; (Cons. Utica Lt. & Pwr. Co. and Equitable Gas & Elec. Co.) (Owns and controls Consol. Lt. & Pwr. Co., Whitehall); Hydro-elec. plants at Trenton Falls, W. Canada Creek, Dolgeville, E. Canada Creek and Little Falls on Mohawk River: also 2 steam plants at Utica; cap auth. & pd. in $2,000,000; bds. auth. & outstg. $4,890,000, 5 p. c int.

Pres. J. C. Brady.............New York
V. Pres. Wm. E. Lewis.............Utica
*Sec. M. J. Brayton................. "
Treas. Geo. H. Stack................ "
¶Mgr. Ch. Engr. & Elecn.
A. T. Throop....................... "

12 d. c. arc Brush tot. 1300 lt; 16 a. c. G. E, West. Stan. Bull. tot. 11,130 kw. 2200-220-110 v. 2 & 3 ph. 60 cys; a. c. day cir. 2200 v; d. c. day cir. 550 v; pwr. cir. 2200 & 550 v; 8400 hp. e. McI. & S, K. & K, Allis C; 1500 kw. turb. stm. Allis C, 11,800 hp. turb. (wtr.) Morris S.-V, Hunt; 4470 hp. b. B. & W, H-T.

City cont. 1267 arcs 2000 c. p. $75 per yr; 64 incs. — c. p.; 700 com. arcs 2000 c. p. 10 cts. per kw; 40,000 com. incs; all nt; coal $3.50. (Co. does ltg. in Rome, Frankfort, Whitesboro, Yorkville, New Hartford, Little Falls, Dolgeville, Herkimer, Holland Patent, Deerfield, Sauquoit and Chadwicks and sells energy to Munic. plant at Mohawk; extending trans. line from Prospect to Remsen.)

C D L S W 2 3 85w

Adirondack Elec. Pwr. Corpn. For officers, see Glens Falls.

Local Supt. C. H. Johnson..........Utica

4 a. c. G. E. tot. 6000 kw. 2300 v. 3 ph. 40 cys; 1 d. c. G. E. 100 kw. 125 v; 130 hp. e. G.E; 6000 kw. stm. turb. G.E; 6000 hp. b. Franklin, Aultman & Taylor.

*UTICA SUB-STA.*

4 step-down transf. tot. 2400 kw; 4 rot. conv. tot. 2400 kw; step-up transf. tot. 3000 kw. to 17,800 v; step-up transf. tot. 2000 kw. to 60,000 v.

*ORISKANY SUB-STA.*

3 step-down transf. tot. 600 kw; 2 rot. conv. tot. 600 kw.

*FRANKFORT SUB-STA.*

10 step-down transf. tot. 1300 kw; 3 rot. conv. tot. 900 kw.

*LITTLE FALLS SUB-STA.*

3 step-down transf. tot. 600 kw; 2 rot. conv. tot. 600 kw.

C N S 3 ★16

Central New York Pwr. Co.; Office, 222 Genesee St.; pwr. plant in Canastota.

Pres. James C. Brady...............Utica
V. Pres. Wm. E. Lewis............. "
Sec. M. J. Brayton.................. "
Treas. Geo. H. Stack................ "
*Mgr. Gas Dept. W. J. Cahill....... "
Mgr. Elec. Dept.. A. T. Throop..... "

1 a.c. Westg. 75 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 100 hp. e. Ball; 125 hp. e. (gas) Nat. Also purchases energy from Adirondack Pwr. Co.

City cont. 58 arcs 1200 c. p. $75 per yr; 66 incs. 20 c. p. $18 per yr; all nt; gas.

G L 2 75

**VALATIE,** 1,219—Albany Southern R. R. Co. See Hudson.

**VALLEY STREAM,** 1,100 — Queens Borough Gas & Elec. Co. See Borough of Queens, N. Y. C.

**VERNON,** 451—Tyler Lt. & Pwr. Co.; cap. $500.
*Pres.Treas. & Mgr. Geo.C.Capes,Vernon
V. Pres. & Sec E. E. Morris...... "
1 d. c. G. E. 11 kw. 220 v; wtr. pwr.
City cont. 37 tung; 12 P. M.
C L W ✣ 26†

**VESTAL,** 200 — Vestal Ltg. Co.; cap. $1,000.
*Pres. H. D. Harris..................Vestal
V. Pres. L. A. Du Bois.........Lestershire
Sec. B. D. Leighton................Vestal
Treas. W. S. Pierce................ "
Purchases energy from Binghamton Ry. Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
City cont. 22 mult. Mazdas 40-100 w; meter.
D L 1 ✣ 16

**VICTOR,** 881—Despatch Ht., Lt. & Pwr. Co. See East Rochester.
City cont. 50 incs. 32, 80 & 200 c. p. $18, $24 & $42 per yr; all nt.
L 125

**WADDINGTON,** 731—New York & Ontario Pwr. Co.; cap. $150,000; bds. $150,000.
Pres. W. S. Connolly......Hamilton, Ont.
*¶ Resident Engr. B. B. Tucker, Morrisburg, Ont.
1 a. c. G. E. 32 kw. 1000 v. s. ph; no day cir; 50 hp. turb. (wtr.) (Under construction.) (Co. is developing 33,000 hp. on St. Lawrence Riv. to furnish energy for lt. and power in northern N. Y.)
T W 1 25

**WADHAMS,** 150—Wadhams & Westport Elec. Lt. & Pwr. Co. (D. F. Payne Estate.)
*Trustee, Chas. R. Payne.......Wadhams
Supt. G. H. Mason ............. "
3 a. c. G. E. tot. 1200 kw. 6600-120 v. 3 ph. 25 cys; a. c. day cir. 120 v; a. c. mo. cir. 6600 v; 1084 hp. turb. Pelton, McC.
City cont. 60 incs. 32 c. p.
D L W 3 ★26

**WALDEN,**4,004—*Wallkill Valley Elec. Lt. & Pwr. Co.; cap. $16,000; bds. $15,000.
Pres. A. J. Fowler..................Walden
V. Pres. J. E. Fuller...........New York
Sec.Treas.& Mgr. C.Fred.Fowler..Walden
Purchases energy from Wallkill Riv. Co. and Central Hudson Gas & Elec. Co.
Reserve plant; 1 a.c. Stanley 180 kw. 2300 v. 2 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 220 v; 175 hp e. Whitehall; 225 hp. b. Phoenix.
City cont. mult. clusters 5 lts. 100 w. $120 per yr; 140 tung. series 40 w. $18.50; all nt.
D L S 2 ✣ 23

**WALTON,** 3,103—Southern New York Pwr. Co.; cap. outstg. $42,400; no bds.
*Pres. C. A. Graves, 35 Pine St., New York
Sec. C. W. Byran....... " "
Treas. R. C. McGargel 13 Pine St., New York
¶Mgr. & Cont. Agt. Fred Haverly....................Walton
Engr. Pwr. Sta. Walter D. Wakeman............ "
3 a. c. Bull. tot. 400 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 226 v. 3 ph. 60 cys; 400 hp. e. Am. Ball, B. & W; 300 hp. b. Phoenix, Ames.
City cont. 180 incs. 40 c. p. $12.22 per yr; moonlt; coal $3.50.
D L S 3 ✣ ★125

**WAPPINGERS FALLS,** 3,195—Garner Print Wks. & Bleachery. (Electrical Dept.)
Agt. Chas. E. Meader...Wappingers Falls
¶ Pur. Agt. R. S. Holbrook 49 Worth St., New York
*Gen. Supt. & Elecl. Engr. O. M. Whitehouse.....WappingerFalls
4 a. c. Westg, G. E. tot. 2,000 kw. 600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 275 hp. e. B. & W, Ideal; 600 kw. turb. (stm.) G. E; 2 transf. G. E. 150 kw.
City cont. 165 incs. 80 c. p; all nt; coal. (Also lts. Hughsonville and Chelsea.)
D L S 1 2 3 ✣ 125

**WARRENSBURGH,** 1,189—Warrensburgh Elec. Lt. Wks.
*Owner & Mgr. M. L. Runner, Warrensburgh
1 a. c. Stan. 100 kw. 2300 v. 2 ph. 133 cys; a. c. nt. ltg. cir; 200 hp. wtr. wh. Janeville.
City cont. 230 incs. 25 c. p. $12 per yr; all nt.
L W 2 ✣ 125

**WARSAW,** 3,206—Warsaw Gas & Elec. Co. (Under same management as Perry Elec. Lt. Co.); cap. $50,000.
Pres. G. W. Olmsted...........Ludlow, Pa.
V. Pres. E. H. Morris.............Warsaw
Sec. H. R. Frost..50 Church St.,New York
Treas.E.L.Phillips " "
*Mgr. C. W. Torrey ..................Perry
Supt. E. A. Bennett..............Warsaw
Engr. Pwr. Sta. Chas. Morgan... "
2 a. c. Westg. tot. 185 kw. 2200 v. 3 ph. 60 cys; 1 d. c. arc Ft. W, 65 lts. 6.6 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Cooper St. Line; 300 hp. b. Cooper, Erie.
City cont. 32 arcs enc. 500 w. $75 per yr; 47 tung. 40 c. p. $15 per yr; 1 A.M; coal $2.65.
D L S 3 ✣ 125

**WARWICK,** 2,318—Orange & Rockland Elec. Co. See Monroe.

**WATERFORD,** 3,245 — Troy Gas Co. (Elec. Dept.) See Troy.

**WATERLOO,** 3,931—Central New York Gas & Elec. Co. For executive officers, See Geneva.
Supt. K. C Farnsworth ........Waterloo
4 a. c. Allis-C. tot. 2400 kva. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 3000 hp. wtr. wh. Allis-C.
City cont. 22 arcs series 6.6 amp. $70 per yr; 172 Mazdas series 6.6 amp. 40 c. p. (136) $18 per yr. & 60 c. p. (36) $24 per yr; all nt; 18 orna. 5-lt. posts Mazdas mult. 60 c. p. $54.50 per yr. top lts. all nt. & bottom lts. 10:30 P. M.
D L W 3 ★26

**WATERTOWN,** 26,730—Northern New York Utilities, Inc. Office, 137 Arsenal St., Watertown. (Gen. stas. at Watertown, Black River, Dexter, Elley Falls, Cape Vincent, Chaumont, Clayton, Taylorville and So. Edwards.) (Purchased Thousand Islands Elec. Lt. & Pwr. Co., Ltd. (Clayton), Munic. Wtr. & Elec. Lt. Plant at Cape Vincent and Chaumont Elec. Lt. Co., Inc.); cap. outstdg. $1,106,800; bds. $2,332,500.

Pres. C. C. Burns..............Watertown
V. Prests. S. L. George...... "
¶Sec. & Asst. Mgr.
F. A. Rogers.... "
*Treas. & Gen. Mgr. J. B. Taylor "
Gen. Supt. H. G. Davis........ "
Engr. Pwr. Sta. J. C. Wingel.. "

Total pwr. sta. equip:—17 a. c. G. E. tot. 10, 180 kw. 2300-11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. — v. 3 ph. 60 cys; 1300 hp. e. Quincy; 750 kw. stm. turb. G. E; 1300 hp. b. Stir., Watertn; 12 160 hp. wtr. wh. Smith, Holyoke, Hunt; transmn. volt. 11,000-22,000 v. 3 ph. 60 cys.

City cont. 356 magnetite arcs 320 w. $65.70 per yr; 50 tung. 60 c. p. $30 per yr; all nt; coal. (Co. lts. Watertown, Carthage, West Carthage, Dexter, Brownville, Sacketts Harbor, Glen Park, Great Bend, Cape Vincent, Evans Mills, Natural Bridge, Clayton and Chaumont; also sells energy in bulk to cos. in Adams and Edwards.)

D L S W 3 ✢ 125w

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Deer River Pwr. Co.
Pres. Orrin Terry ...............Watertown
V. Pres. Geo. H. Cobb........ "
*¶Sec. Treas. & Mgr.
L. B. Cleveland............ "

2 a. c. Eager, West. tot. 825 kw. 2300 v. 3 ph. 60 cys; trans. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 1050 hp. wtr. wh. Smith.

(Co. does ltg. in Copenhagen.)

D L W 1 3 ✢ 85

**WATERVILLE,** 1,410 — Waterville Gas & Elec. Co.; cap. $19,100; bds. $3,000.
Pres. Orrin Terry.....................Utica
Sec. C. M. Wickwire............Waterville
Treas. M. M. Terry............ "
*¶Mgr. & Cont. Agt. R. H. Terry "
Ch. Engr. Pwr. Sta.
Robert Thomas ............ "
Asst. Engr. W. T. Jones....... "

2 a. c. Stan. G.E. tot. 155 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v, 185 hp. e. S. Line McI. & S; 315 hp. b. Curtis: also stm. htg.

City cont. 45 arcs 1200 c. p. $70 per yr; 1 A. M; coal $3.10.

D H L S 1 2 75

**WATERVLIET,** 15,038 — Adirondack Elec. Pwr. Corp. For executive officers, see Glens Falls.
Supt. M. L. Chambers.........Watervliet

Energy from Spier Falls Sub sta. trans. 30,000 v. and Mechanicsville 12,000 v; 12 step-down transf. tot. 21,000 kw; a. c. day & nt. ltg. cir. 127 v. 40 cys; a. c. mo. cir. 254-550 v. 3 ph. 40 cys. (Transmn. to Troy and Albany at 12,000 v. 3 ph.)

D L 3 16

**WATKINS,** 2,817—Munic. Wtr. Lt. & Sewerage Plant; bds. $20,000.
Pres. Bd. John M. Thompson....Watkins
Sec. & Treas. Miss G. M. Hoare.. "
*Supt. Chas. E. Dennis
405 N. Madison Ave., "
Ch. Engr. Fred. Winton.......... "

2 a. c. Stan. Allis-C. tot. 230 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. (12 P. M. to 6 P. M.) mo. cir. 2200-220-110 v. 2 ph. 60 cys; 140 hp. e. Shepherd; 300 hp. b. Fitz; 125 kva. stm. turb. Kerr.

25 city arcs A. B; 158 incs. "C" 400-100 c. p: all nt; coal $2.30. (Also lts. Burdette.)

D L S 2 125

**WAVERLY,** 4,855—Sayre Elec. Co. See Sayre, Pa.

a. c. day & nt. ltg. cir. 114 v; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 2 arcs A. B. enc. 6.6 amp. $68 per yr; 181 Mazdas 80 c. p. $25 per yr; all nt.

D L 1 3 16

**WAYLAND,** 1,392—Wayland Elec. Lt. & Pwr. Co.
*¶Treas. & Mgr. John Kimmel. Wayland
Supt. W. H. Simmons............ "

4 a. c. West. tot. 265 kw. 1100 v. s. & 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 325 hp. e. Payne, Erie, Noye; 325 hp. b. Erie.

City cont. 88 incs. 32 c. p. $18 per yr; moonlt; coal $2.35. (Also sell energy to Wayne Pwr. Co.)

L S 1 2 ✢ 22

**WEBSTER,** 1,032—Sodus Gas & Elec. Lt. Co. See Sodus.

**WEEDSPORT,** 1,344—Empire Gas & Elec. Co. For executive officers, see Auburn.
Local Mgr. S. C. Gurnee.......Weedsport

Purchases energy from Niagara, Lockport & Ontario Pwr. Co.; 3 transf. West. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 25 cys.

City cont. 40 type "C" nitro. lamps 250 w. all nt.

D L 1 3 ✢ ★26

**WELLSVILLE,** 4,382—Munic. Elec. Lt. & Pwr. Plant. (City acquired property of Wellsville Elec. Lt., Ht. & Pwr Co.)
Chrmn Bd. George C. Rosa....Wellsville
Sec. F. B. Boyce................. "
Clerk F. M. Wall............... "
*Gen. Supt. J. M. Sill.......... "

3 a. c. West. Allis C. tot. 280 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. s. ph. 60 cys; 360 hp. e. Rus; 150 hp. e. (gas) Bruce-Macb; 300 hp. b. McE.

City cont. 30 arcs 7.5 amp. $80 per yr; 29 series tung. 40 w. $18 per yr; all nt; gas & coal.

D G L S 1 2 ✢ ★125

**WEST ALBANY,** 200 — Schenectady Illg. Co. See Schenectady.

a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 236 v. s. ph. 40 cys.

D L 1 16

**WEST CARTHAGE,** 1,393—Carthage Elec. Lt. & Pwr. Co. See Carthage.

**WESTFIELD,** 2,985—Munic. Elec. Lt. Plant; cost $23,000; no bds.
Pres. Lt. Comm. G. G. Gibbs...Westfield
Sec. John A. Riley................ "
Treas. Frank P. Wolfe.......... "
*¶Supt. Harry Mettendorff..... "
Engrs. Clarence Sputes...... "
Pwr. Sta. Fred Morehouse..... "

2 a. c. Allis-C. tot. 270 kva. 2300 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. Skinr; 300 hp. b. Erie City.

60 city incs. "C" 250 c. p; 175 incs. series 80 & 100 c. p; 65 incs. mult. 32 c. p; all nt. except bright moonlt; coal $2.70.

D L S 1 3 16

**WEST HAVERSTRAW,** 2,369—Rockland Lt. & Pwr. Co. See Nyack.

**WEST NEW BRIGHTON** — Richmond Lt. & R. R. Co. See Borough of Richmond, New York City.

**WEST SAYVILLE,** 1,009—Long Island Ltg. Co. See Sayville.

**WEST STOCKHOLM,** 300—Elec. Lt. Plant.
*Owners, Geo. N. Gibson & Son,
West Stockholm

1 d. c. West. — kw. 115 v; 25 hp. turb. (wtr.) Reynolds.

8 city incs. (free).

C L W 125

**WEST WINFIELD,** 726—West Winfield Elec. Co.
*Owner, Chas. G. Senif....West Winfield
Engr. Pwr. Sta. Mr. Wheelock "

1 a. c. West. 30 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. (1 A. M.) ltg. cir. 110 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; — hp. gas prod. Smith.

City cont. 42 "C" incs. 60 c. p; 1 A. M; coal $4.55.

D G L 3 ✣ ★16

**WHITEHALL,** 4,917—Consolidated Lt. & Pwr. Co. (Owned by Utica Gas & Elec. Co.); cap. auth. $75,000, issued $36,000; bds. outstg. $36,000.
Pres. J. C. Brady
40 Wall St., New York, N.Y.
V. Pres. W. E. Lewis...............Utica
Sec. M. J. Brayton-................ "
Treas. Geo. H. Stack............... "
Mgr. H. M. Collin.............Glens Falls
¶ Supt. & Engr. S. B. Stewart..Whitehall

Purchases energy.

City cont. 28 arcs 6.6 amp. $75 per yr; 112 series incs. 25 c. p. $22.50 per yr; all nt; coal $3.90.

L ✣ 23

**WHITE PLAINS,** 15,949—Westchester Ltg. Co. See Mt. Vernon.

**WHITESBORO,** 2,375—Utica Gas & Elec. Co. See Utica.

**WHITNEY POINT,** 744—The Union Elec. Co.; cap. auth. $25,000; issued $18,500; no bds.
*¶Pres.&Mgr. D.O'Connell, WhitneyPoint

1 a. c. West. 25 kw. 1040-104 v. s. ph. 133 cys; no day cir.; 60 hp. turb.

City cont. — Mazdas 6.6 amp. $12 per yr; 1 A. M.

L W 1 ✣ 16

**WILLIAMSON,** 1,010 — Sodus Gas & Elec. Lt. Co. See Sodus.

**WILLIAMSVILLE,** 1,105 — Buffalo Gen. Elec. Co. See Buffalo.

**WILSON,** 655—Bryant Pwr. Co. (Successors to Conant-Bryant Pwr. Co.) Office, 95 W. Genesee St., Buffalo.
Pres. C. L Bryant................Buffalo
Sec. & Treas. R. W. Bryant...... "
*Supt. H. P. Harris................ "

Energy from Lewiston & Lake Ontario Shore Pwr Co. 2 transf. W. E. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 66 series Tung. 50 w. $15 per yr; all nt.

D L 3 ✣ 125

**WOLCOTT,** 1,216 — Northern Wayne Elec. Lt. & Pwr. Co.; cap. $75,000.
*Pres., Treas. & Mgr. O. M. Curtis. Wolcott
V. Pres. R. H. Kelly............... "
Sec. W. J. Clapper................ "

1 a. c. G. E. 125 kw. 2300 v. 3 ph. 25 cys; trans. volt. 11,000 v; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 25 cys; 250 hp. e. Atlas, Cor; 225 hp. b. Watertn, Atlas. Purchases energy from Rochester Ry. & Ltg. Co.

City cont. 239 incs. 40 cp. $22.50 per yr. all nt. & 20 per yr. midnt; coal $3. (Co. also lts. No. Rose, Rose, Alton, Wallington, Resort and Red Creek.)

D L S 1 3 ✣ 125

**WORCESTER,** 1,300—Worcester Elec. Lt. Plant.
*Owner, Harry Shafer..........Worcester

1 a. c. G. E. 30 kw. 1100-104 v. s. ph. 125 cys; 75 hp. e. Watertown; 80 hp. turb. Rodney, Hunt; 80 hp. b. Erie.

City cont. 60 Mazdas 40 w. $15 per yr; 1 A. M; coal 3$.

L S W 1 16

**YONKERS,** 79,803—Yonkers Elec. Lt. & Pwr. Co. New York office, Irving Pl. & 15 St.; cap. $200,000; bds. $200,000.
Pres. T. E. Murray.............New York
V. Pres. Arthur Williams......... "
*Sec. J. W. Lieb................. "
Treas. & Asst. Sec. Jos. Williams "
Mgr. W. T. Morrison............. "
Cont. Agt. John P. Radcliff, Jr.,
Manor House Sq., Yonkers
¶ Pur. Agt. C. S. Shepard......New York
Supt. Geo B. Cornell, Jr.........Yonkers

H. T. trans. line from United Elec. Lt. & Pwr. Co; 2200-216-108 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v; a. c. day & nt. mo. cir. 212 v.

City cont. 317 arcs 6.6 amp. $92 per yr; 903 incs. 32-35 c. p. $20 per yr; all nt; 192 orna. posts.

D L 1 2 ★26

**YORKVILLE,** 691—Utica Gas & Elec. Co. See Utica.

City cont. 9 enc. arcs $75.86 per yr; all nt.

L 93

**YOUNGSTOWN,** 556—Lewiston & Lake Ontario Shore Pwr. Co. See Lewiston.

City cont. 35 incs. 250 w.

L 125

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Lewiston & Youngstown Frontier Ry. Co. See Lewiston.

## NORTH CAROLINA.

**ALBEMARLE,** 2,116—Munic. Elec. Lt. Plant.
Comrs. { A. F. Biles..........Albermarle
W. H. Snuggs........ "
G. C. Heath.......... "
*Clerk E. L. Hearne.......... "
Supt. B. F. Ausband......... "

Purchases energy from Southern Pwr. Co.; 1 rect. Westg. 35 lt: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

11 city arcs 275 w; 54 city tung. 80 w; moonlt. mdnt.

D L 3 15

**ANDREWS,** 936 — Munic. Elec. Lt. Plant.
Mayor, W. A. Hall..............Andrews
*Clerk & Treas. W. B. Fisher... "
Mgr. S. E. Cover................ "
Supt. J A. Thornton............ "
Engr. Pwr. Sta. D. W. Sprinkle "

2 a. c. Stir, Ft. W. 135 kw. 2300 v. 3 ph. 60 cys; 75 hp. wtr. wh. Pelton; ltg. cir. 110 v; day & nt. mo. cir. 2300 v.

City cont. 2 arcs (Wood System) 1200 c. p; 75 incs. tung. 80 c. p.

D L W 3 ✣ 74

**ASHBORO,** 1,865—Munic. Elec. Plant; cost $14,000.
*Mgr. & Supt. M. W. Parish....Ashboro

2 a. c. G. E. Ft. W. 225 kw. 2200 v. 3 ph. 60 cys; 1 arc G. E. 25 lts; a. c. day & nt. ltg. cir. 110 v; 125 hp. e. Ball; 250 hp. b.

City cont. 75 series Mazdas 75 w; moonlt; coal $3.50.

D L S 3 23

**ASHEVILLE,** 18,762— Asheville Pwr. & Lt. Co. (Consol. Asheville St. R. R. Co., Asheville & Biltmore St. Ry. & Transpt. Co., Intermountain R. R. and West Asheville Improvement Co.)

(Controlled by the Carolina Pwr. & Lt. Co., for which Elec. Bond & Share Co., 71 Broadway, New York, N. Y., is fiscal agent); cap. $1,600,000; bds. $1,100,000.
Pres. C. E. Johnson ..............Raleigh
V. Pres. Wm. Darbee ...New York, N.Y.
V. Pres. & Gen. Mgr.
H. W. Plummer ..............Asheville
Sec. & Treas. E. P. Summerson
71 Broadway, New York, N.Y.

Energy purchased from North Carolina Electrical Pwr. Co.; 11 G. E. transf. 2665 kw. 6600 v. 3 ph. 60 cys; 3 G. E. 900 kw. rot. conv; a. c. day ltg. cir. 118 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys.

(Reserve plant); 2 a. c. G. E. tot. 550 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 300 kw. 550 v; 6 rect. 325 lts; 850 hp. e. McI. & S, H. O. & R; 750 hp. b. Stir; 400 hp. turb. (wtr.) Victor.

City cont. 261 G. E. magn. arcs $55 per yr; 98 Mazdas 50 w. $20 per yr; all nt; coal $2.85. (Also lts. Biltmore, West Asheville and suburbs.)
D R S W 3 ✢ 75

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North Carolina Elecl. Pwr. Co., office, 40 Patton Ave. (Pwr. plant on French Broad River, near Marshall); cap. $500,000; bds. $670,000.
*Pres. & Mgr. W. T. Weaver....Asheville
V. Pres. Geo. S. Powell......... "
Sec. & Treas. W. E. Reid....... "
Supt. S. A. Johnson ............ "
Ch. Engr. C. E. Waddell. ...... "

5 a. c. tot. 8000 hp. Westg. Bul. G. E. 6600 v. 3 ph. 60 cys; 8950 hp. turb. wtr. Holyoke, Morris. (Furnishes power to lighting companies in Biltmore, Asheville, Marshall, Weaverville, Canton and Leicester, also to railways and mfg. enterprises.) (Contemplates erecting auxilliary stm. plant at Mouth of Beaverdam Creek, 4 miles from Asheville with ultimate output of 8,000 hp.)
T W 3 55w

**BEAUFORT,** 2,483—Munic. Elec. Lt. & Pwr. Plant; cost $14,000.
*Supt. & Engr. Pwr. Sta. H. H. Lewis
Beaufort

1a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; 1 rect. Westg. 35 lt; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; 100 hp. e. Sknr; 275 hp. b.

22 city arcs Westg. 320 w. $60 per yr; 30 series Mazdas 100 w. $24 per yr; moonlt; coal $1.95.
D L S 3 75

**BELMONT,** 1,176—Southern Public Utilities Co. See Charlotte.

**BESSEMER CITY,** 1,529—Southern Public Utilities Co. See Charlotte.

**BLACK MOUNTAIN,** 311—Black Mountain Telephone Corpn; cap. $10,000.
Pres. Wm. Farr................Asheville
V. Pres. T. L. Guyn.............Canton
*Sec. & Treas.
J. W. McKoy..........Black Mountain
¶ Mgr. Cont. Agt. & Supt.
F. B. Braid.............. " "

Energy purchased from Perley & Crocket Lumber Co; a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v.

City cont. 17 incs. Banner 5 cts. kw; all nt; wood.
D L 3 ✢ 113

**BOWDENS**—Rowland Lumber Co.
*Pres. A. R. Turnbull............Norfolk

3 d. c. Allis, T-H. tot. 170 kw. 120 v; 22 arcs.
C L 125

**BREVARD,** 919—Brevard Lt. & Pwr. Co.; cap. $6,000.
*Pres. & Mgr. M. M. Chapman...Brevard
V. Pres. Sec. & Treas.
J. H. Pickelsimer................ "

Purchases energy from Cascade Pwr. Co.; 2200 v. s. ph. 60 cys; a. c day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200 v. 3 ph. 60 cys.

City cont. 14 arcs A. B. 6.6 amp. $75 per yr; 20 series tung. 6.6 amp. $24 per yr; mdnt.
D L 1 3 ✢ 25

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Cascade Pwr. Co. Pwr. plant on Little River; cap. $28,100.
Pres. E. S. English...............Brevard
V. Pres. C. W. Pickelsimer...... "
Sec. Treas. & Mgr.
J. H. Pickelsimer.............. "
Supt. & Engr. Pwr. Sta.
M. M. Chapman.................. "

1 a. c. West. 325 kw. 6600 v. 3 ph. 60 cys; 500 hp. wtr. wh. Smith.

(Co. sells energy in Brevard and Pisgah Forest.)
T W 3 25

**BURLINGTON,** 4,808—Piedmont Ry. & Elec. Co. Pwr. sta. near Burlington. (Owns Graham Wtr. Wks. and Graham Ice Co.); cap. $400,000; bds. $600,000.
*¶Pres. & Mgr. J. H. Bridgers..Burlington
V. Pres. J. W. Murray........ "
Sec. & Treas.
James Mullen...........Richmond, Va.
Supt. G. W. Hatch.............Burlington

2 a. c. G. E. tot. 1875 kva. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 400 kw. 600 v; trans volt. 22,000 v; a. c. day & nt. ltg. cir. 107 v; a. c. day & nt. mo. cir. 220-550-2300 v; 1875 kva. stm. turb. G. E; 1008 hp. b. Bab. & W. Stir; also 40-ton ice plant (D. L. V.). Purchases energy from Southern Pwr. Co.; 3 transf. G. E. tot. 3000 kva.

City cont. 250 tung. $20 & $24 per 100 w; all nt; coal $3.25. (Co. also lts. Graham, Haw River & Mebane.)
D I R S 3 125

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Southern Pwr. Co. See Charlotte.

**CANTON,** 1,393—Canton Elec. & Telephone Co.; cap. outstg. $30,000.
Pres. W. J. Hampton...............Canton
V. Pres. J. T. Bailey ............. "
*¶Sec Treas. Mgr. & Cont. Agt... "
J. E. Tate ......................... "

Purchases energy from Champion Fibre Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. —— v. s. ph. 60 cys.

City cont. 3 arcs G. E. series $75 per yr; 14 incs. 100 c. p. $35 per yr; all nt. (Co. also lts. Clyde.)
D L 1 ✢ ★115

**CHAPEL HILL,** 1,149—Electric Lt. Plant. (Owned by University of North Carolina.)
*¶Mgr., Cont. Agt. & Supt.
Chas. T. Woollen...........Chapel Hill

2 a. c. G. E, C. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 200 hp. e. B. & W, Sknr, Ball; 280 hp. b. Erie; 50 hp. stm. turb. De Laval; also stm. htg.

City cont. 40 incs, 32 c. p. $12 per yr; wood $3; coal $4.25.
H L S 3 ✢ 125

**CHARLOTTE,** 34,014—Southern Public Utilities Co. Gen. office, Charlotte. (Owns the electric light gas and street railway properties in Charlotte, N. C., and Greenville, S. C., the electric light and street railway properties in Winston-Salem, N. C., the electric light, water and street railway properties in Anderson, S. C., and the electric light properties in Thomasville, Belmont, Mt. Holly, China Grove, Bessemer City and Hickory, N. C., and Chester, Greer and Ft. Lawn, S. C. The above properties were formerly owned by tne following companies, all of which have ceased to operate: Charlotte Pwr. Co., Charlotte Gas & Elec. Co., Charlotte Elec. Ry. Co., Greenville Gas & Elec. Lt. & Pwr. Co., Greenville Trac. Co., Fries Mfg. & Pwr. Co. (Winston-Salem), Winston-Salem Pwr. Co., Anderson Wtr., Lt. & Pwr. Co., Chester (S. C.) Pwr. Co., Thornton Lt. & Pwr. Co. (Hickory, N. C.), and Southern Pwr. Co. Operates hydro-elec. stas. nr. Anderson (S. C.) on the Seneca River at Portman Shoals, on the Savannah River nr. Anderson at Gregg Shoals (Savannah Pwr. Co.'s plant, cap. 2,666 hp.—leased) and on the Yadkin River nr. Winston-Salem; stm. plants at Anderson and Winston-Salem, and a gas plant (cap. 1,700 hp.) at Charlotte; purchases a large part of its power requirements from the Southern Pwr. Co.) (Controls the Greenville-Carolina Pwr. Co. of Greenville, S. C., through ownership of common stock); cap. outstg. $5,000,000; bds. $3,250,000.

Pres. Z. V. Taylor..............Charlotte
V. Pres. A. V. Harrill.......... "
Sec. W. C. Parker,
200 Fifth Ave., New York, N. Y.
Asst. Sec. J. R. Cherry..........Charlotte
Treas. E. C. Marshall........... "
Audr. T. L. Black............... "
*Gen. Mgr. & Elec. Engr.
E. F. Taylor.................. "
Supt. R. L. Wommack........... "
Claim Agt. R. M. Coffey......... "
¶Pur. Agt. Mill Pwr. Supply Co. "
Ch. Engr. Pwr. Sta. Frank Furr. "
G R S W 124

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Southern Pwr. Co. General office, 200 Fifth Ave., New York, N. Y. (Stm gen. stas. at University, N. C. (cap. 14,000 hp.) and Mt. Holly, Greensboro and Greenville, S. C.; hydro-elec. plant at Lookout Shoals on the Catawba River (cap. 30,000 hp.) (Controls through stock ownership Catawba Pwr. Co.); cap. $6,000,000 (prfd.), $4,000,000 (com.); bds. $5,800,000.

Pres. J. B. Duke.........New York, N. Y.
V. Prests. { B. N. Duke.... " "
Dr. W. Gill Wylie,
28 W. 40th St., " "
Ch. Engr. W. S. Lee..Charlotte }
Sec. & Treas. W. C. Parker
New York, N. Y.
*Mgr. Chas. I. Burkholder......Charlotte
Asst. Sec. E. C. Marshall......... "
Asst. Treas. W. H. Martin, Jr... "
¶Pur. Agt. Mill Pwr. Supply Co. "
Cont. Agt. John W. Fox......... "
Gen. Supt. Stm. Plants
F. S. Michel........ "

Total equip. 3 a.c. West, tot. 22,500 kw. 2200-11,000 v. 3 ph. 60 cys; trans. volt. 100,000-44,000 v; a. c. day & nt. ltg. & mo. cir. s. or 3 ph. 60 cys; 30,000 hp. stm. turb. West; 13,500 hp. b. Erie City. Also purchases energy from Catawba Pwr. Co., Great Falls Pwr. Co., Yadkin River Pwr. Co. and Ga. Pwr. Co., — transf. G. E, Allis-C, Pittsburg, C.W. tot. 320,000 kw.

(Co. serves the great manufacturing and industrial territory extending for some 335 miles over western section of S. C. and central section of N. C., including Charlotte, Greensboro, Manchester, Albemarle, Davidson, Pineville, Conover, Hickory, Lexington, Monroe, High Point, Kings Mountain, Mooresville, Newton, Salisbury, Statesville, Durham, Burlington, Winston, Shelby, Lincolnton, Gastonia and Concord, N. C., and Gaffney, Spartanburg, Easley, Greenwood, Newberry, Union, Chester, Lancaster, Fort Mill, Rock Hill, Yorkville, Greenville and Clover, S. C.)

Coal $3.25.
D N S W 8 26

**CLINTON,** 1,101 — Sampson Pwr. Co. cap. $3,200; bds. $8,100.
Pres. H. C. Petty...........Ampere, N. J.
V. Pres. B. P. Smith...............Clinton
Sec. & Treas. C. W. Petty......... "
*Supt. & Ch. Engr. S. L. Oliver... "

1 a. c. C.-W. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v. 8 ph. 60 cys; 100 hp. e. Lidell; 100 hp. b. Erie City.

City cont. 66 series tung. 60 c. p. $18 per yr; moonlt; 1 A.M; coal $4.
D L S 3 ✠ ★125

**CONCORD,** 8,715—Munic. Elec. Lt. & Wtr. Plant; cost $25,000.
Bd. of Lt. & Wtr. Comrs. { Chmn. A. F. Hartsell...Concord
M. L. Cannon........... "
W. D. Pemberton....... "
C. B. Wagoner........... " }
*¶Sec. Treas. Mgr. & Cont. Agt.
L. A. Fisher.................... "
Engr. Pwr. Sta. W. T. Propst..... "
Ch. Elecn. L. H. Julian........... "

Purchases energy from Southern Pwr. Co.; 79 transf. G. E. West. tot. 250 kw; 2 arc. Mch. G. E. tot. 64 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys.

24 city arcs A.B. 6.6 amp. $54 per yr; 237 city Mazdas 6.6 amp; moonlt.
D L 3 25

**CONOVER,** 500—Conover Elec. Co.; cap. $2,000.
Pres. T. L. Hunsucher...........Conover
*Sec. S. S. Rowe................. "
Treas. A. L. Shuford............. "
Cont. Agt. Bd. of Directors..... "

Purchases energy from Southern Pwr. Co. 2300 v. 3 ph. 60 cys; a. c. day & nt. cir.
D L 3 ★125

**DAVIDSON,** 1,056—Southern Pwr. Co. See Charlotte.

**DILLSBORO,** 277—Dillsboro & Sylva Elec. Lt. Co; cap. $10,000.
Pres. E. L. McKee....................Sylva
V. Pres. S. W. Enloe.............Dillsboro
*¶ Sec. Treas. & Mgr.
D. R. Harris...................... "
Engr. Pwr. Sta. Edgar Early.... "

1 a. c. G. E. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 330 hp. wtr. wheel. Smith; (50 kw. gen. belted to stm. eng. for emergency.)

City cont. 33 series incs. 40-80 c.p.; all nt. (Co. also lts. Sylva.)
D L S W 3 ✠ 125

**DUNN,** 1,822— Munic. Elec. Lt. & Wtr. Plant; cost $40,000.
Sec. H. C. McKay....................Dunn
Treas. G. F. Pape.................. "
*¶Supt. L. W. Bizzell.............. "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 325 hp. e. Green, McI. & S; 300 hp. b. C. & H.

68 series incs. 250 c. p; coal $3.65.
D L S 3 ★125

**DURHAM,** 18,241—Durham Traction Co. (Controlled by the Cities Service Co. and is operated by the Doherty Operating Co., 60 Wall St., New York, N. Y.); cap. outstdg. $500,000; bds. $400,000.
Pres. R. H. Wright..............Durham
V. Pres. H. A. Foushee.......... "
*Sec., Audr. & Elec. Engr.
C. S. Reed...................... "
Treas. A. W. Grady.............. "
¶ Gen. Mgr. R. L. Lindsey ...... "
Cont. Agt. C. W. Johnston...... "
Elec. Supt. G. C. Whitfield ...... "
Engr. Pwr. Sta. T. E. Carrington "

2 a.c. G. E. West. tot. 1100 kw. 2300 v. 3 ph. 60 cys; 1 d.c. G.E. 200 kw. 600 v; 5 rect. G.E. tot. 250 lts; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys;

500 kw. turb. (stm.) West; 1600 hp. e. Ham, Cor, Ball, Erie; 1200 hp. b. Stir; also 100 ton ice plant (York).

City cont. 246 G. E. magn. arcs 4 amps. $60 per yr; coal $3.45. (Also lts. East Durham and West Durham.)

C D I R S 3 ✣ ★125

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Southern Pwr. Co. See Charlotte.

**EDONTON,** 2,789 — Munic. Elec. Lt. & Wtr. Wks.; bds. $19,000.

Bd. { Chmn. Willis Owen .....Edonton
Pub. { Sec. A. T. Baker......... "
Wks. { J. H. Holmes............ "
*¶Cont. Agt. & Gen. Supt.
J. C. Martin...................... "

2 a. c. G. E, Allis-C. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 280 hp. e. H. & T, C. &. T; 160 hp. b. Gem.

52 incs. "C" 40 to 500 w. $18 to $60 per yr; coal $3.75.

D L S 3 ✣ ★125

**ELIZABETH CITY,** 8,412—Elizabeth City Water Pwr. Co.; cap. $100,000; bds. $200,000.

Pres. H. E. Crook.........Baltimore, Md.
V. Pres. C. W. Grice.......Elizabeth City
*¶Sec., Treas. & Mgr.
R. E. Lewis............. "
Engr. Pwr. Sta.
Chas. A. Johnson.......... "

3 a. c. Stan. tot. 420 kw. 2300 v. 3 ph. 60 cys; 3 d. c. West. tot. 15 kw. 125 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 220 v; 600 hp. e. Erie, Ball; 750 hp. b. Erie City.

City cont. 41 arcs enc. 6.6 amp. $72 per yr; 286 Mazdas 32 c. p. $16.66 per yr; mill refuse $1,500 per yr.

D L S 3 25

**ELKINS,** 886—Wtr. & Lt. Comm. (Pwr. sta. 3½ miles west of Elkin); bds. $40,000.

*Chmn. & Treas. Mason Lillard....Elkin

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 200 hp. wtr. wh. Smith.

55 city series incs. 10 250.w. & 45 100-w; all nt.

D L W 3 ✣ 125

**ELM CITY,** 590—Munic. Elec. Lt. Plant.

*Mayor, Jno. W. Winstead.......Elm City
Clerk, Clarence Winstead....... "
Supt. Chas. E. Land............ "
Engr. Pwr. Sta., W. W. Dawes. "

1 a. c. G. E. 90 kw. 1150-1040 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v; 125 hp. e. Ball, 130 hp. b. Penn.

18 city arcs a. c. series 6.6 amp; 1,000 city incs. a. c. 104 v; coal $3.80.

L S 1 ✣ 118

**ENFIELD,** 1,167 — Munic. Elec. Lt. Plant; bds. $10,000.

¶ Sec. A. S. Harrison................Enfield
*Treas. C. E. McGwigan............. "
Supt. Joe M. Person................. "
Engr. Pwr. Sta. R. Whitehead.... "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; 100 hp. e. Skinr; 125 hp. b. Pa.

40 city arcs G. E. 500 c. p. $2.50 per yr; 40 incs. G. E. 250 w. $2.50; moonlt; coal $1.10.

L S 3 122

**FARMVILLE,** 2500 (est.)—Munic. Elec. Lt. & Wtr. Plant.

*Mayor, Ben Joyner...............Farmville
Treas. T. M. Davis.............. "
Audr. J. M. Pollard.............. "

1 a. c. West. 62½ kw 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & mo. cir. 2300-220-110 v. 2 & 3 ph. 60 cys; 85 hp. e. H. F. M; 200 hp. b W. & W.

All nt: coal $1.25.

D L S 2 3 ★16

**FAYETTEVILLE,** 7,045 — Carolina Pwr. & Lt. Co. For executive officers, see Raleigh.

Local Supt. G. A. Martindill Fayetteville

3 transf. G. E. tot. 2550 kva; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys. (motor load only).

R 3 85

**FRANKLIN,** 379—Franklin Lt. & Pwr. Co.: cap. $35,000.

Pres. Treas. & Mgr. H. O. Cozad.Franklin
V. Pres. M. E. Cozad............ "
*Sec. A. W. Horn................ "

1 a. c. Westg. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 140 hp. wtr. wh. Smith.

City cont. 2 arcs series enc. $70 per yr; 20 incs. 80 w. $15 per yr; all nt.

D L W 3 ✣ 73

**FRANKLINTON**—Franklin Lumber & Pwr. Co.; cap. outstg. $8,000; no bds.

Pres. T. H. Whitaker........Franklinton
V. Pres. A. H. Vann.......... "
*¶Sec. & Treas. Geo. T. Whitaker "

Energy purchased from Carolina Pwr. & Lt. Co; 2 transf. G. E. tot. 80 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-2300 v. s. & 3 ph. 60 cys.

City cont. 40 incs. tung. 60 w. (30) and 80 w. (10) $24 and $20 per yr; all nt.

D L 1 3 ✣ ★16

**FREMONT,** 951 — Fremont Elec. Lt. Plant (Munic.).

*Supt. J. W. Floars..............Fremont

1 a. c. Warren 45 kw. 110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 90 hp. e, W.-C; 100 hp. b. Ains; moonlt; coal $3.25.

L S 3 ★26†

**GASTONIA,** 11,000 — Gastonia Public Wks; bds. $29,500.

City Clerk T. A. Rotchford......Gastonia
Treas. S. M. Morris............. "
*Supt. H. Rutter................ "

Energy purchased from Spencer Mt. Mills, Lowell; 3 transf. West. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. s. & 3 ph. 60 cys.

284 incs. "C" 6.6 amp. 250 c. p; all nt; moonlt. (Installing 63 lamps 600 c. p.)

D L 1 3 ✣ ★125

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Southern Pwr. Co. See Charlotte.

**GOLDSBORO,** 6,107—Carolina Pwr. & Lt. Co. For executive officers, see Raleigh.

Local Supt. E. G. Couch........Goldsboro

2 a. c. W. E, G. E. tot. 675 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v; 3 ph. 60 cys; 250 hp. e. Mur; 500 hp. turb. (stm.) G. E; 820 hp. b. Erie.

34 city arcs a. c. series 6.6 amp. all nt; $60 per yr; 98 Mazdas 32 c. p. $18 per yr; 68 ornamental 3-lt. stds. $32.50 per yr; 4 ornamental 5-lt. stds. 100 & 60 w. $15 per yr. 11 P. M; coal $3.50.

D L S 3 ✣ 85

**GRAHAM,** 2,504—Piedmont Ry. & Elec. Co See Burlington.

**GREENSBORO,** 15,895 — North Carolina Public Service Co. (Absorbed Greensboro Elec. Co.) (Controls Salisbury & Spencer Ry. Co.); cap. $3,322,900; bds. $2,097,000.

Pres. Bird S. Coler
43 Cedar St., New York, N.Y.
*V. Pres. & Gen. Mgr.
E. C. Deal.....................Greensboro
Sec. & Treas. L. H. Hole, Jr.,
43 Cedar St., New York, N.Y.

¶ Local Mgr. C. H. Andrews..Greensboro
Cont. Agt. B. F. Pickard...... "
Supt. G. L. Spencer........... "

Energy purchased from Southern Pwr. Co: 3 transf. West. tot. 300 kw; 1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 3 d. c. ry. North. Westg. tot. 625 kw. 550 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-2300 v. 2 & 3 ph. 60 cys; 2000 hp. e. Allis-C, Fitchbg; 1200 hp. b. Allis-C.

City cont. 140 arcs G. E. 2000 c. p. $60 per yr; all nt; coal $3.50. (Also serves High Point, Salisbury and Spencer.)

C D R S 2 3 ✠ 104

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Southern Pwr. Co. For executive officers see Charlotte.
Local Supt. J. A. Brodnax....Greensboro

Aux. stm. plant and sub-sta; 1 a. c. turbo-gen. West. 6000 kw. 11,000 v. 3 ph. 60 cys; trans. volt. 100,000-11,000 2.200 v. 3 ph. 60 cys; day & nt. ltg. cir; 10,000 hp. b. Erie City.

Coal $3.50.

D N S 3 26

**GREENVILLE**, 7,000—Water & Light Commission; cost $82,000; bds. $65,000.
Mayor, J. B. James.............Greenville
*Clerk, J. C. Tyson............. "
¶ Supt. & Cont. Agt. H. L. Allen "
Engr. Pwr. Sta. W. R. Jones.. "

3 a. c. G. E, Allis-C. tot. 1150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. & 220-2300 v. 3 ph. 60 cys; 350 hp. e. H. F. & M; 950 hp. b. Cole, Bab. & W; 750 kw. stm. turb. De Laval.

100 city arc series, 6.6 amp; moonlt; coal $3.65.

D L S 3 ✠ 74

**HAMLET**, 2,173—Elec. Lt. Plant.
*Owner & Mgr. M. C. Freeman..Hamlet
Ch. Engr. D. B. Brown........... "

1 a. c. T-H, 50 kw. 1100-110 v. s. ph. 16,000 altns; no day cir; 80 hp. e. Comstock; 90 hp. b. Blood.

City cont. 70 incs. 32 c. p. $15 per yr; 600 com. incs. 16 c. p. $6 per yr; all nt; wood $1.75 per cd.

L S 1 ✠ 33

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Yadkin River Pwr. Co. For executive officers, see Rockingham.
Local Supt. E. J. Jeffress..........Hamlet

3 transf. G. E. tot. 150 kva., a. c. day & nt. ltg. cir. 115v., a. c. day & nt mo. cir. 230v. 3 ph. 60 cys.

City cont. 102 Mazdas 6.6 amp. 32 c. p. $18 per yr. all nt.

D L 3 ✠ 85

**HENDERSON**, 4,503—Carolina Pwr. & Lt. Co. For executive officers, see Raleigh.
¶ Local Mgr. J. M. Wolfe.....Henderson

2 a. c. G. E. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 300 hp. e. Ball; 300 hp. b. Tippett & Wood.

City cont. 51 arcs series a. c. 6.6 amp. $60 per yr; 18 mazdas 6.6 amp. 60 c. p. $24 per yr; coal $3.55.

D L S 3 26E

**HENDERSONVILLE**, 4,000 (estimated).—Hendersonville Lt. & Pwr. Co.; gen. stas. (2 hydro-elec.) on Big Hungry Creek.) Cap. $40,000; bds. $20,000.
¶ Pres. Mgr. & Cont. Agt.
R. M. Oates...............Hendersonville
*V. Pres. C. H. Oates..... "
Sec. & Treas. M. D. Peden. "
Supt. W. H. Bangs......... "
Engr. Pwr. Sta. P. D. Holburt "

5 a. c. Bull. Elec. Mch. Co., 750 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-2200 v. s. & 3 ph. 60 cys; 550 hp. wtr. wh. Leffel; 300 kw. stm. turb. De La; 300 hp. b. Porcupine.

City cont. 20 series enc. arcs 6.6 amp. $54 per yr; 93 series incs. 100 c. p. $24 per yr; all nt; coal $3.

D L S W 1 3 125

**HERTFORD**, 1,841—Munic. Lt. & Wtr. Dept. (City purchased property of Eastern Cotton Oil Co.); cost $12,000.
*Supt. D. S. Darden..............Hertford
Ch. Engr. James Elliott......... "
Engr. Pwr. Sta. V. A. Holden.... "

1 a. c. West. 60 kw. 2100-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Ham, Cor; 300 hp. b. Erie; also ice plant.

21 city arcs 6.6 amp. $71.43 per yr; 15 incs. 32 c. p. $10.92 per yr; moonlt; wood $4 per day.

I L S 1 ✠ ★16

**HICKORY**, 3,716—Southern Public Utilities Co. See Charlotte.
Local Mgr. J. M. Stephens........Hickory

Energy from Southern Pwr. Co.; 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir.

City cont. 37 flam. arcs 2000 c. p. $72 per yr; 30 Tung. 80 w. $21 per yr; all nt.

D L 3 ✠ 124

**HIGH POINT**, 12,500—Munic. Elec. Ltg. System; cost $20,000.
Mayor, F. N. Tate............High Point
Sec. H. C. Sechrist............. "
Treas. E. L. Regan............. "
*Supt. L. C. Gidney............ "
¶ Pur. Agt J. A. Eshelman "

Purchases energy from N. C. Public Service Co.; trans. 2300 v. 3 ph. 60 cys; 3 rect G. E. 150 lt; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys.

150 city arcs G. E. 270 w. $60 per yr; all nt; 60 5-lt. standards; pwr. 2½ cts. per kw. (Co. also lts. Mechanicsville.)

D L 1 2 3 45

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North Carolina Public Service Co. For executive officers see Greensboro.
Supt. J. H. Jennings...........High Point

Purchases energy from the Southern Pwr. Co.; 3 transf. West. tot. 3000 kw; 1 mo gen. West. 100 kw; 3 rect. G. E. tot. 150 lts; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 2300-440-220 v. 3 ph. 60 cys

City cont. 157 lumn. arcs G. E. 4 amp. $60 per yr; all nt. (Furnishes energy in bulk to city.)

D L 3 75

**HOPE MILL**, 964—Munic. Elec. Ltg. System.
*Supt. W. J. Beattie, Jr........Hope Mill

Energy from Hope Mills Mfg. Co.

L ★125

**HOT SPRINGS**, 443—Hot Springs Mfg. Co.; cap. $22.000.
Pres. J. W. Fisher.......Newport, Tenn.
V. Pres. A. Savage......Knoxville, Tenn.
Sec. & Treas. J. C. Tyler " "
*Supt. J. S. B. Crawford.....Hot Springs

1 d. c. G. E. — kw. 220 v; no day cir; pwr. cir. 220 v; 90 hp. turb. (wtr.)

City cont. 1 inc. 32 c. p; all nt.

C L W 72

**KINGS MOUNTAIN**, 2,218—Munic. Elec. Lt. Plant; cost $10,000.
*Supt. G. T. King......Kings Mountain

Purchases energy from Southern Pwr. Co. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 60 cys.

35 city arcs 6.6 amp; 15 city incs. 50 c. p; all nt; pwr. 1.6 cts. per kw.

D L 3 ✠ 14w

**KINSTON**, 10,000—Munic. Elec. Lt. Plant.

Mayor, F. I. Sutton..............Kinston
Clerk W. B. Coleman............ "
*¶Mgr. & Supt. J. E. Weyher..... "
Engr. Pwr. Sta. Albert Scott...... "

2 a. c. G. E, tot. 300 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 450 hp. e. H. F. & M; 450 hp. b. C-H.

46 city arcs 6.6 amps. $45 per yr; 130 series incs. 6.6 amp. $25 per year; all nt; coal $3.75.

D L S 1 ✣ 75

**LA GRANGE,** 1,017—H. H. Sutton & Son (Elec. Lt. Plant); bds. $3,500.
*¶Mgr., Cont. Agt. & Engr.
Pwr. Sta. A. R. Sutton........La Grange

1 a. c. G. E. 75 kw. 110 v. 3 ph. 60 cys; no day cir; 40 hp. e. Watertn; 50 hp. b. Erie; 75 hp. wtr. wh. Platt, Lef.

City cont. 16 arcs $60 per yr; 500 Tung. & carbon 25 c. p. $3; all nt; wood $2.

L S W 3 ✣ 75

**LAKEVIEW**—Elec. Lt. & Pwr. Co.; cap. $25,000; no bds.
Pres. J. R. McQueen.............Pinehurst
V. Pres. M. E. Donley..........Lakeview
*¶Sec. Treas. & Mgr.
F. R. Donley................. "
Engrs. } A. Seagroves..........Lobelia
Pwr. Sta. } J. P. Blue............. "

1 a. c. Westg. 275 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 550 v.; 250 hp. e. L. & B; 250 hp. b; 350 hp. turb. (wtr.) Lef.

700 incs. 16 c. p. $30 per yr; all nt. (Co. also lts. Vass and Roeford.)

L S W 1 3 ✣ 73

**LAURINBURG,** 2,322 — Munic. Elec. Lt. Plant; cost $15,000; bds. $50,000.
*Clerk, J. T. Myers...........Laurinburg
Treas. T. J. Gill.............. "
¶ Supt. C. Beacham.......... "
Engr. Pwr. Sta. H. P. Jeans.. "

1 a. c. Stan. 100 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 100 hp. e. Sknr; 200 hp. b. Cole, Union.

26 city arcs A. B. & G. I. 1200 c. p. 10 cts. per kw; 15 series tung. 250 w. $8 per yr; moonlt; coal $2.60.

L S 3 44†

**LEAKSVILLE,** 1,127 — Leaksville Lt. & Pwr. Co.; cap. $125,000.
Owners } J. C. King...St. Catherines, Ont.
& Mgrs. } *E. B. King..........Leaksville
Ch. Elecn. J. F. King......... "

1 a. c. F. M. & Co. 60 kw. 110 v. 3 ph. 60 cys; 225 hp. e. Harris, Cor; 100 hp. turb. (wtr.).

City cont. 10 cts. per kw; all nt; moonlt.

L W 3 ✣ 125

**LEICESTER,** 153—*Oscar Duckett.

Energy purchased from North Carolina Elec'l Pwr. Co.; 1 transf. W. E. 10 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys.

D L §26

**LENOIR,** 3,364—The Citizens' Lt. & Pwr. Co.; cap. $18,000; no bds.
Pres. G. H. Aubrey..........Atlanta, Ga.
*¶Sec., Treas., Mgr. & Cont. Agt.
E. C. Ivey.......................Lenoir
Engr. Pwr. Sta. R. F. Munday.... "

2 a. c. West, Bull. tot. 175 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; 175 hp. b. Brnl, Atlas; also 5 ton ice plant.

City cont. 70 tung. 60 c. p. $27.50 per yr; all nt; coal $3.40, shavings. (Will secure energy from Ivey Pwr. Co.)

D I L S 1 16w

**LEXINGTON,** 4,163 — Munic. Wtr. & Lt. Dept.
Mayor, Chas. Young...........Lexington
Treas. Geo. Hockney........... "
*Supt. L. R. Hunt.............. "
Engr. Pwr. Sta. J. L. Shirley ... "

Purchases energy from Southern Pwr. Co. 2200 v. 3 ph. 60 cys; 12 transf. G.E. tot. 180 kw; 2arcs Westg. tot. 70 lt; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

47 city arcs. West. 500 w; 55 series tung. 100 w. $12 per yr; moonlt.

D L 3 ✣ ★125

**LINCOLNTON,** 2,413—Munic. Elec. Ltg. System.
*Supt. J. O. Shuford..........Lincolnton

Purchases energy from Southern Pwr. Co.

L 124†

**LITTLETON,** 1,152—Munic. Elec. Lt. Plant. Cost $10,000.
*Sec. E. C. Bobbitt.............Littleton
Treas. B. H. Browning......... "
Engr. Pwr. Sta. Daniel Williams "

1 a. c. C-W. 75 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. s. ph. 60 cys; 100 hp. e. Erie; 125 hp. b. Erie.

30 city incs; 1 A. M. and morning hrs.; coal.

L S 1 3 ★95

**LOUISBURG,** 1,775—Munic. Lt. & Wtr. Plant; bds. $75,000.
Treas.
Farmers & Merchants Bank.Louisburg
*¶Pur. Agt. A. W. Alston...... "
Supt. Robt. C. Beck........... "
Engr. Pwr. Sta.
W. H. Shernis.............. "

2 a. c. West. 210 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 300 hp. e. Ball; 300 hp. b. Cole.

25 city arcs series 6.6 amp. 150 c. p. $52 per yr; 33 Mazdas mult. 60 w. $12.00 per yr; moonlt; coal $3.85.

D L S 3 75

**LOWELL,** 876 — Spencer Mountain Mills.
Pres. J. C. Rankin.................Lowell
*Sec. & Treas. W. T. Love......... "
Ch. Elecn. H. W. Fryling......... "

2 a. c. G. E. tot. 800 kw. 10,000 v. 3 ph. 60 cys; a. c. day cir. 110 v; a.c. pwr. cir. 10,000 v; 1000 hp. turb. Smith Co. (wtr.). (Sells energy to municipality of Gastonia and to Clara Mfg. Co. and Holland Mfg. Co. of Gastonia.)

D L W 3 125

**LUMBERTON,** 2,230—Munic. Elec. Lt. Plant; cost $11,000.
Mayor, A. E. White............Lumberton
Sec. & Treas. G. T. Page ..... "
*Supt & Engr. Pwr. Sta.
G. McNeil.................. "

2 d. c. G. E. Westg. tot. 182½ kw. 220-250 v; 260 hp. e. H. F. & M; 260 hp. b. Lom, Schof.

34 city arcs A. B. $36 per yr; 21 city incs. 32 c. p. $21.60 per yr; moonlt; coal $3.95.

C L S ★125

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Yadkin River Pwr. Co. See Rockingham.

**MARION,** 1,519—Marion Lt. & Pwr. Co.; cap. auth. $25,000.
Pres. R. H. Bennett..............Marion
Sec.-Treas. J. L. Morgan......... "
*¶Supt. & Ch. Elecn. W. C. Atwell.. "

2 a. c. West. 75 kw. & 50 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c mo. cir. 440-220 v.; 40 hp. e West; 50 hp. b. Erie; 185 hp. turb. Leffel, Tri. (wtr.).

City cont. 2 arcs A. B. 6.6 amp. $72 per yr; 45 series Mazdas 80 c. p; moonlt.

D L S W 3 ✣ 125

**MARSHALL,** 802—Madison Lt. & Pwr. Co. (Successor to Capitola Mfg. Co.); cap. $9,000.

Pres. J. H. White....................Marshall
V. Pres. & Sec. Frank Roberts.. "
*Treas., Mgr. & Supt. F. Shelton "

Purchases energy from North Carolina Elecl. Pwr. Co.; 1 a. c. G. E. 35 kw 1100-110 v. s. ph. 120 cys; 1 d.c. West. 110 kw. 125 v; no day cir; — hp. turb. (wtr.).

City cont. all nt.

C L W 1 ✠ 75

**MAXTON**, 1,321 — Carolina Elec. Co. (Gen. stas. 1¼ miles west of Maxton and at Whiteville); cap. $35,000; no bds.

Pres. H. C. MacNair...............Maxton
Sec. & Treas. M. E. MacNair..... "
*Supt. R. E. L. Morrison.......... "
Engr. Pwr. Sta. J. C. Baker....... "

1 a.c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 220 v; 100 hp. e; 100 hp. b; 100 hp. wtr. wh; purchases energy from Yadkin River Pwr. Co.; 3 transf. G. E. tot. 75 kw.

City cont. 80 series incs. 60 w; all nt; wood. (Co. also lts. Alma.)

D L S W 3 ✠ ★125

**MONROE**, 4,082 — Munic. Elec. Lt. Plant; cap. $65,000; bds. $65,000.

Mayor, J. D. McRae.................Monroe
Chmn. T. C. Lee.................... "
*Sec. G. S. Lee, Jr.................. "
Treas. T. L. Crowell................ "
¶ Supt. W. H. Crow ................ "
Engr. Pwr. Sta. W. H. Terrell.... "

Purchases energy from Southern Pwr. Co; transf. 2300 v. 3 ph. 60 cys; 2 rect. West. tot. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. 3 & s. ph. 60 cys; 750 hp. b.

City cont. 73 arcs West. 4 amp; 40 Mazdas 4 amp. 100 c. p; all nt.

D L 1 3 24

**MOORESVILLE**, 4,000 — Municipal Elec. Lt. & Pwr. System; cost $20,000.

Treas. E. C. Deaton ...........Mooresville
*¶Mgr. Cont. Agt. & Supt.
Jas. L. Donald ............... "

Purchases energy from Southern Pwr. Co.; 40 transf. West. tot. 150 kw. a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. mo. cir. 2300 220 v. 3 ph. 60 cys.

200 Mazdas 200 & 80 c. p; 16 orna. lamps 1000 c. p; moonlt.

D L 3 ✠ 125

**MOREHEAD CITY**, 2,039 — Munic. Elec. Lt. Plant; cost $9,000.

Sec. & Treas.
M. L. Willis .............Morehead City
*Supt. C. Smith............ " "
Engr. Pwr. Sta. J. D. Styron " "

1 d. c. 220 v; d. c. mo. cir. 220 v.

800 city incs. 60 w. $4.80 per yr; coal.

C L S 125

**MORGANTON**, 2,712 — Munic. Elec. Lt. Plant. Address, Box 176; cost $20,000; bds. $5,000.

Pres. Bd. R. W. Pipkin........Morganton
¶Mgr. & Engr.
F. Jerome Wortman.... "

1 a. c. Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; ltg. cir. 120 v; 200 hp. e. Sknr; 150 hp. b. Atlas.

200 city tung. 60 w; 19 5-lt. standards; moonlt; coal $3.65.

L S 3 25

**MT. AIRY**, 3,844—Munic. Lt. & Pwr. Plant. Pwr. sta. at Buck Shoals, 3 mi. from Mt. Airy; bds. $100,000.

Wtr. & Lt. Com. Chmn. John Balmer..Mt. Airy
Sec. A. V. West...... "
Treas. F. M. Poore................ "
¶Supt. I. W. Barber ............ "
Engr. Pwr. Sta. P. Brannock .. "

3 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100-115 v; a. c. day & nt. mo. cir. 110-220-287½ v. 3 ph. 60 cys; 460 hp. turb. Smith (wtr.).

48 city arcs 7.5 amp. $60 per yr; 12 street tung. 200 c. p. $30 per yr; moonlt. (Contemplates installing auxil. gen. sta. to be driven by crude oil engines.)

D L W 3 ★85

**MT. HOLLY**, 526—Southern Pwr. Co. For executive officers, see Charlotte.

Local Supt. S. H. Owens........Mt. Holly

Aux. stm. plant and sub-sta.: 1 a. c. turbo-gen. West. 6000 kw. 11,000 v. 3 ph. 60 cys; trans. 44,000-11,000-2300 v. 3 ph. 60 cys; 10,000 hp. b. Erie City.

N S 3 ★26

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Southern Public Utilities Co. See Charlotte.

**MT. OLIVE**, 1,071—Munic. Elec. Lt. Plant; cost $12,000.

Mayor, C. S. Smith..............Mt. Olive
Light Com. Treas. W. F. Martin.... "
R. Knowles.............. "
R. J. Southerland...... "
*Supt. T. Eldridge.............. "

Energy purchased from Enterprise Lumber Co; day & nt. service.

6 city enc. arcs, 6.6 amp. & 40 carbon, 100 w. $100 per yr. moonlt.

D L 26E

**MURPHY**, 977—Murphy Lt. & Pwr. Co.; cap. auth. $10,000.

Pres. J. E. Fain...................Murphy
*Sec. Treas. & Mgr. A. J. Hale... "

2 a. c. Clark, G. E. tot. 175 kw. 2300 v. s. & 3 ph. 60 cys; 1 arc mch. 100 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 200 hp. turb. Leffel.

City cont. 80 tung. series 200 & 60 c. p; moonlt.

D L W 3 ✠ 16

**NEWBERN**, 9,961—Munic. Elec. Lt. Plant; cost $75,000.

*¶ Mgr. Cont. Agt. & Supt.
H. H. Hodges....................Newbern
Engr. Dave Brinson.......... "

2 a. c. Ft. W. G. E tot. 760 kw. 2200 v. 3 ph. 60 cys; 2 rect. 100 lts; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-2200 v. s. & 3 ph. 60 cys; 1350 hp. e. Atlas Penn; 1000 hp. b. Atlas, H. S. & G.

40 city lumn. arcs 1700 c. p. $85 per yr; 35 carbon arcs, 400 c. p. $60 per yr; 60 incs. 100 c. p. $30 per yr; all nt; shavings & sawdust.

D L S 1 3 125

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John L. Roper Lumber Co. See Roper.

**NEWTON**, 2,316—Munic. Electric Lt. Plant: cost $10,000.

*¶Mgr. W. R. Abernethy.........Newton

Purchases energy from Southern Pwr. Co.; 30 transf. West. tot. 175 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys

18 city arcs series; 100 city incs; moonlt; mdnt.

D L 3 ✠ 125

**NORTH WILKESBORO**, 1,902—Munic. Elec. Lt. & Pwr. Plant; cost $23,500.

*Clerk, W. A. Bemis......No. Wilkesboro
Treas. Harvey Church.... "
Supt. D. Stokes Lain....... "

1 a.c. Westg. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 6.6 amp. 2300 v. s. ph. 60 cys; 100 hp. turb. Smith (wtr.)

10 city arcs series 6.6 amp; 29 series incs; all nt.

L W 1 3 ✠ 14w

**OXFORD**, 3,018—Carolina Pwr. & Lt. Co. For executive officers see Raleigh.

Local Supt. H. F. Lee..............Oxford

3 transf. G. E. 450 kva., a. c. day & nt. mo. cir. 115 v. 3 ph. 60 cys.

City cont. 27 arcs series A. G., 6.6 amp. $60 per yr; 18 incs. 32 c. p. $18 per yr. all nt; coal. (Trans. to Roxboro.)

D L 3 85

**PINE LEVEL**, 394—Citizen's Pwr. & Lt. Co.; cost $13,500.
*¶Owner & Mgr. C. I. Godwin. Pine Level

Purchases energy from the Carolina Pwr. & Lt. Co; 5 transf. Packard tot. 13 kw; a. c. day & nt. ltg. cir. 118-130 v; a. c. day & nt. mo. cir. 2200-220 v. s. & 3 ph. 60 cys.

City cont. 85 incs. "C" 60 c. p. $24 per yr; moonlt. (Also lts. Princeton and Kenly.)

D L 1 3 ✠ 125

**RALEIGH**, 19,218 — Carolina Pwr. & Lt. Co. (Controls the Asheville Pwr. & Lt. Co. and Yadkin River Pwr. Co.) Office, Raleigh; stm. plants at Raleigh, Henderson and Goldsboro; hydro-elec. plant at Buckhorn Falls on Cape Fear River; cap. $4,977,000; bds. $1,865,500.
Pres. Chas. E. Johnson..........Raleigh
V. Prests. E. Clifford Potter, 50 State St., Boston, Mass
V. Prests. Wm. Darbee, 71 Broadway, New York, N. Y.
V. Prests. Gen. Mgr. H. H. Carr, Raleigh
Sec. & Treas. E. P. Summerson, 71 Broadway, New York, N.Y.
Fiscal Agt. Electric Bond & Share Co. New York, N. Y.
Audr. H. H. Dalton..............Raleigh
¶ Pur. Agt. R. C. Howison.......... "
Ch. Engr. & Asst. Gen. Mgr.
P. A. Tillery.................... "
Ch. Engr. Pwr. Sta. E. P. Ernst... "

Pwr. sta. equip. at Raleigh and Buckhorn Falls: 6 a. c. G. E. tot. 6,000 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. 750 kw. 550 v; 6 rect. G. E. tot. 300 lts; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v; 3500 kw. turb. (stm.) G. E; 2760 hp. b. Stir. Bab. & W; 2500 kw. turb. (wtr.) Smith.

City cont. 279 magn. arcs 4 amp. $60 per yr; all nt; coal $3.55. (Co. also serves Sanford, Oxford, Pine Level, Smithfield, Goldsboro, Fayetteville, Jonesboro, Henderson; sells energy in bulk to City of Wake Forest and Roxboro Lt. & Pwr. Co.)

D R S W 3 85

**RANDLEMAN**, 1,950—Randolph Pwr. Co.; cap. $7,200; bds. $5,000.
Pres. A. N. Bulla...............Randleman
V. Pres. N. N. Newlin........ "
*Sec. Treas. & Mgr.
W. F. Farlow................ "

1 a. c. C. W. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day cir. 2200 v; 125 hp. e. B. & W; 150 hp. b.

City cont. 64 tung. series 75 w. $18 per yr; mdnt; coal $3.60.

D L S 3 ✠ 75

**RED SPRINGS**, 1,089—Flora Macdonald College. (Successor to Southern Presbyterian College.)
Pres. C. G. Vardell ...........Red Springs
V. Pres. H. M. Dixon........ "
¶Treas. Geo. R. Dupuy...... "
*Mgr. G. C. Lang............ "

1 a. c. Ft. W. 60 kw. 2200 v. s. ph. 60 cys; 1 d. c. W. E. 25 kw. 125 v: no day cir; 165 hp. e. Liddell, Erie; 150 hp. b. Lombard.

City cont. 61 Mazdas 100 w. (6) and 40 w. (55) tot. $1,200 per yr; all nt; coal $3.50.

C L S 1 ★125

**REIDSVILLE**, 4,828—*Munic. Wtr. & Lt. Plant; bds. $38,000. 5 & 6 p. c. int.
¶Supt. & Ch. Elecn. T. S. Wray, Reidsville
Engr. Pwr. Sta. S. T. Murphy.. "

2 a. c. Westg. tot. 195 kw. 2200 v. 3 ph. 60 cys; 3 rect. West. tot. 70 lt; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Sknr; 375 hp. b. H. S. & G.

70 city arcs Westg; moonlt; coal $3.65.

D L S 3 ✠ 113

**ROANOKE RAPIDS**, 1,670—Roanoke Navigation & Water Power Co. See Weldon.

**ROCKINGHAM**, 2,155—Yadkin River Pwr. Co. (Hydro-elec. sta. at Blewett Falls.) (Controlled by the Carolina Pwr & Lt. Co.)
Pres. Chas. E. Johnson............Raleigh
V. Prests. E. C. Potter....Boston, Mass.
V. Prests. Wm. Darbee..New York, N.Y. & Gen. Mgr.
V. Prests. H. H. Carr...........Raleigh
Sec. & Treas. E. P. Summerson 71 Broadway, New York, N. Y.
Local Supt. C.E.D. Egerton..Rockingham

6 a. c. G. E. tot. 24,000 kw. 4,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; 32,000 hp. turb. (wtr.) Smith.

City cont. 36 arcs series a. c. 6.6 amp. $60 per yr; 43 mazdas 32–60 c. p. $18 & $24 per yr; all nt. (Also lts. Hamlet, Wadesboro, Lumberton and Lilesville, and Cheraw, S. C.; sells in bulk to Southern Pwr. Co. and Carolina Elec. Co.)

D N W 3 85

**ROCKY MOUNT**, 8,051—Munic. Elec. Lt. Plant; cost $101,000.
Mayor, L. F. Tillery.........Rocky Mount
Treas. W. R. Lancaster..... "
*¶ Mgr. A. S. Lyon.......... "
Engrs. Pwr. Sta. C.W. Holmes.... "
Engrs. Pwr. Sta. Charlie Braswell "

3 a. c. G. E, Ft. W. tot. 900 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Ft. W. tot. 40 kw. 125 v; a. c day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. stm. turb. G. E; 530 hp. b. Heine.

62 city arcs G. E. enc. 6.6 amp. $40 per yr; 119 incs. 6.6 amp. 100 c. p. $12 per yr; moonlt; coal $3.50.

C D L S 3 125

**ROPER**, 819—John L. Roper Lumber Co.; power plants at Gilmerton, Va., Roper, Newbern and Belhaven; cap. auth. $1,000,000.
Pres. & Mgr. C. I. Millard...Norfolk, Va.
Treas. Capt. M. Manley..... "
¶ Pur. Agt. W. H. C. Ransin. "
*Supt. C. E. Emmett.....Newbern, N. C.
Engr. Pwr. Sta. E. L. Sutton, Gilmerton, Va.

2 a. c. Ft. W. Allis-C. tot. 500 kw. 1000-440 v. s. & 3 ph. 60 & 120 cys; 7 d. c. Allis-C, West. G. E. tot. 140 kw. 110-220 v; d. c. day & nt. ltg. & mo. cir. 110-220 v; a. c. mo. cir. 440 v, 3 ph. 60 cys; 4300 hp. e. Allis-C, Rus. Atlas, Stearns; 5150 hp. b. Penn, Keeler.

C D L S 1 3 83

**ROXBORO**, 1,425—Roxboro Lt. & Pwr. Co.
Pres. R. J. Teague ...............Roxboro
V. Pres. J. C. Pass............... "
*¶ Sec. Mgr. & Cont. Agt.
M. R. Long..................... "
Treas. J. A. Long, Jr............ "
Supt. & Engr. Pwr. Sta.
Ira Wrenn..................... "

Auxil. plant: 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 100 hp. e. Ames; 100 hp. b. Schof: 3-ton ice plant: energy purchased from Carolina Pwr. & Lt. Co.; 3 West. transf.

City cont. 63 series tung. 60 w; 12 P.M; coal, wood.

D I L S 1 3 ✠ 125

**ROWLAND**, 787—Munic. Elec. Lt., Wtr. & Sewerage Plant; cost $60,000.
¶Clerk O. P. Chitty..............Rowland
*Supt. J. A. McKay............. "

1 a. c. W. E. 60 kva. 2200 v. 3 ph. 60 cys; 1—15 kva. 220 v. unit; a. c. nt. ltg. cir; 103 hp. e. Ball; 160 hp. b. Cole.

35 city "C" Mazdas series 6.6 amp. 100-250 c. p; 80 Mazdas mult. 100 w; coal $3.40.

L S 3 16

**RUTHERFORDTON**, 1,062 — Munic. Wtr. & Elec. Ltg. Plant; cost $22,000.

*Supt. J. R. Anderson.......Rutherfordton
Engr. Pwr. Sta.
J. W. McKnight.......... "

1 a.c. West. 150 kw. 2200 v. 3 ph. 60 cys; 1 arc West. 35 lt; trans. volt. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. wtr. whl. Trump.

17 city arcs; 37 tung
D L W 3 ✠ 25

**ST. PAULS,** 419—St. Pauls Lt. & Pwr. Co.; bds. outstg. $8,500.
Pres. E. M. Odum..................St. Pauls
V. Pres. J. W. Baggett........... "
*¶ Sec. Treas. Mgr. & Supt.
Opie Odum...................... "
Engr. Pwr. Sta. H. H. Inman... "

1 a.c. Bull. — kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir.; 100 hp.e. —; 150 hp.b.—; 100 hp. wtr. wh. Smith, McNeill.

City cont. 25 incs. tung. 25-250 w. $2.40 per month; mdnt; wood.
L S W 3 ✠ 26E

**SALISBURY,** 7,153 — North Carolina Public Service Co. For officers see Greensboro.
¶ Mgr. & Cont. Agt. R. J. Hole..Salisbury
Supt. J. H. Robertson .......... "

1 West. mo.-gen. 300 hp; a. c. day & nt. ltg. cir. 115 v.; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 60 cys.

Purchases energy from Southern Power Co.

City cont. 117 series arcs 1200 c. p. $75 per yr; all nt.
D R S 3 ✠ 93

**SANFORD,** 2,282—Carolina Pwr. & Lt. Co. For executive officers, see Raleigh.
Local Supt. Fred. P. Strong......Sanford

3 transf. G. E. tot. 1500 kva; 1 G.E. rect. 25 lt; a.c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 13 magn. arcs 4 amp. $60 per yr; 105 Mazdas 32 c. p. $18 per yr; all nt.
D L S 3 85

**SCOTLAND NECK,** 1,726 — Munic. Elec. Lt. & Pwr. Plant; cost $12,000; bds. $15,000.
Mayor J. E. Shields.......Scotland Neck
Sec. H. F. Clark............ " "
Treas. Stewart Smith....... " "
*¶ Mgr., Cont. Agt.
& Engr. Pwr. Sta.
L. R. Mills, Jr........... " "

2 a.c. G. E. 402 kva. 2,300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 525 hp. e. H. & T, H. F. & M; 354 hp. b. Ster, W. & W.

City cont. 58 incs. "C" 250 & 100 c. p. 6.6 amp. tot. $2.100 per yr; moonlt. 12.30 A. M.; coal $3.50.
D L S 1 3 ★125

**SELMA,** 1,331 — Munic. Lt. & Pwr. Plant; bds. $25,000.
*¶ Mgr. K. L. Shipwash...Box 103, Selma

Energy purchased from Carolina Pwr. & Lt. Co.: 2 transf. G. E. tot 100 kva: 1 a. c. Stan. 65 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-120 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3. ph. 60 cys; 85 hp. e. Ball; 150 hp. b. Brnl.

City cont. 73 incs. series 6.6 amp; all nt; coal.
L S 3 104

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Carolina Pwr. & Lt. Co. For executive officers, see Raleigh.
Local Supt. W. T. Evans..........Selma

3 transf. G. E. tot. 750 kva; a. c. day & nt. mo. cir. 2300 575 v. 3 ph. 60 cys. (motor load only.)
R 3 85

**SHELBY,** 3.127 — Southern Power Co. See Charlotte.

**SILER CITY,** 895 — Siler City Lt. & Telephone Co.; cap. outstg. $21,000; bds. $10,000.
Pres. C. N. Bray ...............Siler City
V. Pres. Walter D. Siler........ "
*Sec., Treas. & Mgr. J. Wade Siler "
Gen. Supt. Henry Pike........... "

2 a. c. W. E. West. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v; a. c. day & nt. mo. cir. 2300-220 v. 3 ph. 60 cys; 50 hp. e. (oil) Muncie; 125 hp. wtr. wh. Smith.

City cont. 5 tungs. 100 w. $25 per yr; moonlt. 6 P. M. to mdnt. & 5 A. M. to 7 A. M; oil 6 cts. per gal.
D G L W 3 ★16

**SMITHFIELD,** 1,347—Carolina Pwr. & Lt. Co. See Raleigh.

**SOUTHERN PINES,** 542 — Southern Pines & Carthage Elec. Lt. Plant; (operates Biscoe plant); cap. $50,000.
*¶ Owner & Mgr. I. F. Chandler,
Southern Pines

4 a. c. Natl, Royal Warren 235 kw. 5000-2000-100 v. s. ph. 60 & 133 cys; no day cir; 225 hp. e. Erie, Ball; 250 hp. turb. Leffel, Smith; 250 hp. b. Hartford.

City cont. 80 incs. 32 c. p. $15 per yr; all nt; wood $1.25. (Co. also lts. Aberdeen).
L S W 1 ✠ 78

**SOUTHPORT** — Southport Elec. Lt. & Pwr. Co. Address, P. O. Box, 245; cap. outstg. $20,000.
*Pres. & Gen. Supt.
Geo. W. Rappleyea...........Southport
Engr. Pwr. Sta.
O. V. Tompkins.................. "

2 a. c. C.-W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v; a. c. nt. mo. cir. 3 ph. 60 cys; 150 hp. e. Harrisburg-Fleming; 180 hp. b. Liddell, Kingsford F. & M; 4-ton ice plant, York.

City cont. 52 Tung. 60 w. $12 per yr; midnt; coal $3.60. (Will install 80 hp. gas e.; stm. e. to be discarded.)
I L S 3 ✠ 75

**SPENCER,** 1,915—North Carolina Public Service Co. See Greensboro.

**SPRAY,** 5,000-Department of Welfare & Health; cost $8,000.
*¶ Mgr. W. R. Lynch.................Spray
Engr. Pwr Sta. W. C. Clowers....... "

1 d. c. G. E.—kw. 220 v; d. c. nt. ltg. cir;—hp. turb. (wtr.).

City cont. 200 tung; all hrs.
C L W 75

**STATESVILLE,** 4,599—Munic. Elec. Lt. Plant; bds. $18,000.
Mayor, L. C. Caldwell..........Statesville
Chmn. Lt. Com. T. W. McElwee "
Sec. & Treas. C. D. Moore...... "
*¶ Supt. & Ch. Elecn. J. D. Cochran "

Purchases energy from Southern Pwr. Co.; 3 Westg. transf. tot. 1500 kw. 44,000-2300 v; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys.

76 city arcs G. E; 2 city incs. Gem 50 w; all nt.
D L 3 25

**TARBORO,** 4,129—Munic. Elec. Lt. Plant; bds. auth. & outstg. $10,000, 5 p. c. int.
*Comr. C. P. McClun.............Tarboro
¶ Mgr., Ch. Elecn. & Supt.
E. P. Meredith.................. "
Ch. Engr. R. J. Matthews....... "

1 a.c. G. E. 90 kw. 1100-104 v. s. ph. 60 cys; no day cir: 100 hp. e. McE; 250 hp. b. Erie, Penn.

40 city arcs; 4 city incs. 32 c. p; moonlt. all nt; coal $3.45.
L S 1 ✠ 24w

**THOMASVILLE,** 3,877 — Southern Public Utilities Co. See Charlotte.
a. c. day & nt. ltg. cir. 115 v.; a. c. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 15 arcs a. c. enc. 6.6 amp. $90 per yr; 100 series tung. 25 c. p. $12 per yr; all nt.
D L 3 ✣ 124

**TRYON,** 700—Tryon Elec. Service Co.
Owners { R. C. Erskine............Tryon
C. P. Rogers.............. "
*Mgr. W. B. Stone.................. "
Supt. L. A. Avant.................. "
2 a. c. G. E. tot. 130 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 265 hp. e; 140 hp. b; 25 hp. wtr. wh.
City cont. 40 incs; all nt; coal. (Also lts Landrum, S. C.)
D L S W 3 ✣ 26

***UNIVERSITY,** 25—Southern Pwr. Co. See Charlotte.

**WADESBORO,** 2,376—Yadkin River Pwr. Co. See Rockingham.
Local Supt. B. F. Jonnson....Wadesboro
3 transf. G. E. 150 kva; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
47 city arcs a. c. series 6.6 amps. $60 per yr; 19 Mazdas 32 c. p. $18 per yr; all nt.
D R 3 85

**WAKE FOREST,** 1,443—Munic. Elec. Lt. Plant; cost $12,000; bds. $12,000.
Sec. E. W. Timberlake, Jr...Wake Forest
Treas. F. W. Dickson......... "
¶ Pur. Agt. J. M. Brewer... "
*Gen. Supt. J. L. Bullard... "
1 a. c. West. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 85 hp. e. Ide; 90 hp. b. Penn. Energy purchased from Carolina Pwr. & Lt. Co.
53 Mazdas 100 & 250 c. p; mdnt. moonlt; coal $3.25.
D L S 3 ★125

**WALLACE,** 444—The Duplin Lt. & Pwr. Co., Inc.; cap. outstg. $1,100.
Pres. D. E. Boney.................Wallace
V. Pres. F. P. Powers............ "
*Sec., Treas. & Mgr. John B. Boney "
Audr. Geo. R. Ward.............. "
Purchases energy from John B. Boney; 4 ph. 60 cys; 6 West. Transf. a. c. nt. ltg. cir. 110 v. 60 cys.
City cont; mdnt.
L 3 25

**WARRENTON,** 807—Warrenton Elec. Lt. Co.; cap. $10,000; no bds.
Pres. W. G. Rogers...........Warrenton
V. Pres. J. W. White.......... "
Sec. R. J. Jones............... "
*Treas. & Mgr. H. A. Macon.. "
Engr. Pwr. Sta. E. L. Knight. "
a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; d. c. mo. cir. 2300 v; 50 hp. b. Ball. (Purchase stm. from Peck Mfg. Co.)
City cont. 100 incs. "C."; all nt.
C D L S 1 3 ✣ 75

**WASHINGTON,** 6,211—Munic. Elec. Lt. & Pwr. Plant; cap. $27,500; bds. $32,000.
Mayor, C. H. Hurding.......Washington
*¶Mgr. & Cont. Agt.
H. B. Charles.............. "
2 a. c. G E Curtis turbo-gen. tot. 1000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; 1000 hp. b. C. & H.
80 city arcs G. E. series 6.6 amp. $60 per yr; 35 Mazdas 60 c. p. $18 per yr; moonlt; coal $3.50.
D L S 1 ✣ 125

**WAYNESVILLE,** 2,008 — Haywood Elec. Pwr. Co.
*Owner & Mgr. B. J. Sloan.Waynesville
¶ Supt. & Ch. Elecn.
H. J. Sloane "
3 a.c. Westg. tot. 1400 kw. 3300-2200-220-110 v; trans. 25,000 v. 3 ph. 60 cys; 1950 hp. turb. Smith.
(Co. sells energy in bulk to city and to Champion Fiber Co., Canton.)
T W 3 16

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Munic. Elec. Ltg. System
Energy purchased from Haywood Elec. Pwr. Co., 2200-110 v. 3 ph. 60 cys; a.c. day cir. 110 v.
D L 3 75

**WEAVERVILLE,** 442—Weaver Elec. Co. Office, Asheville.
*Lessee John V. Erskine.....Weaverville
Purchases energy from North Carolina Elecl. Pwr. Co.; 2 transf. tot. 50 kw.
City cont. 20 series incs. 100 c. p. $12 per yr; moonlt. (Co. operates telephone system and does ltg. in Weaverville.)
L 16

**WELDON,** 1,999—*Roanoke River Development Co. (Successor to Roanoke Navigation & Water Pwr. Co.)
Engr. Pwr. Sta. W. H. Sanders
Roanoke Rapids
5 a. c. Westg, tot. 1100 kw. 6600-2300 v. 2 & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 1000 hp. turb. Smith.
City cont. 16 arcs A. B. 2000 c. p. $80 per yr; 32-50 c. p. incs. $18 per yr; all nt. (Co. also lts. Roanoke Rapids & Rosemary).
D L W 2 3 74

**WHITAKERS,** 755—*Munic. Elec. Lt. Plant; bds. $10,000.
Treas. B. A. Strickland........Whitakers
Supt. W. E. Williams........... "
1 a. c. West. 50 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Ball; 100 hp. b. Erie City.
37 city tungs. 200 c. p. $20 per yr; moonlt; wood.
L S 3 123

**WHITEVILLE,** 1,368—Carolina Elec Co. For executive officers, see Maxton.
Local Mgr. E. P. Williams.....Whiteville
Local Supt. J. B. Moore....... "
Engr. Pwr. Sta. J. W. Sealy... "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day (part) & nt. ltg. cir. 110 v; 125 hp. e. Mur, Cor; 125 hp. b.
City cont. 42 series incs. 62 c. p. $1.50 per mo. all nt; wood.
D L S 3 ✣ ★16

**WILMINGTON,** 25,748—Tidewater Pwr. Co. (Leases Consol. Rys. Lt. & Pwr. Co.); cap. stk. $1,195,900; bds. $523,000.
Pres. Hugh MacRae........Wilmington
V. Pres. M. F. H. Gouverneur "
¶ Sec. H. Woollcott.......... "
Treas. R. J. Jones........... "
Gen. Mgr. A. B. Skelding.... "
*Asst. Gen. Mgr.
Raymond Hunt............ "
Consultg. Engr. W. W. Randolph
New York, N. Y.
Ch. Engr. Rod. MacRae...... "
4 a.c. West. tot. 3800 kw. 380 v. 2 ph. 60 cys; 7 d. c. rotary conv. Westg. tot. 2500 kw. 550 v; a.c. day & nt. ltg. cir. 112 v; a.c. day & nt. mo. cir. 220 v; d. c. cir. 550 v. (elevator); 3800 kw. turb. (stm.) West; 1584 hp. b. Bab. & W; 200 amp. hrs. 550 v. stor. bat. E. S. B.
City cont. 127 series a. c. arcs 7.5 amp. $57.50 per yr; 226 tung. 7.5 amp. $19.34 per yr; 43 arches tung. 7.5 amp. $75.24 per yr; moonlt; mdnt. & all nt; wood $1.60; coal $3.40. (Co. also lts. Wrightsville, Wrightsville Beach and Winter Park.)
C D R S 2 ✣ ★125

**VILSON**, 6,717—Munic. Elec. Lt.Plant; bds. $31,500.
Board of ldermen { E. F. Nadal ............Wilson
J. B. Bates............ "
J. R. Rams ............ "
Tom Hackney......... "
Dr. Hoover........... "
¶Supt. R. J. Grantham........... "
ngr. Pwr. Sta. J. P. Gatlin...... "
2 a. c. G. E. 1000 kw. 2300 v. 3 ph. 60 ys; 1 arc mch. Brush 75 lts; a. c. day & t. ltg. cir. 110 v; a. c. day & nt. mo. cir. 20 v. 3 ph. 60 cys; 700 hp. e Murray, H. . & M; 450 hp. b. C. & H. Heine.
72 city arcs enc. 1000 c. p. $50 per yr; ll nt; coal $3 65.
D L S 3 125

**VINSTON-SALEM**, 17,167—Southern Public Utilities Co. For executive officers, see Charlotte.
Igr. B. J. Pfohl............Winston-Salem
5 a. c. Stan. 1150 kw. 2400-220-110 v. s. h. 60 cys; a. c. day cir. 110 v; a. c. mo. ir. 220 v; 900 hp. e. Cor, Ball, A. & S; 50 hp. stm. turb. Westg; 2100 hp. turb. llis-C; 700 hp. b. A. & T; trans. 13,200 v.
City cont. 142 arcs 2000 c. p. $60 per yr; 35 tung. 60 w. $16 per yr; all nt; oal $3.40.
D R S W 1 ✣ 124

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Southern Pwr. Co. See Charlotte.

## NORTH DAKOTA.

**NAMOOSA**, 669 — Anamoosa Elec. Co.; cost $18,000.
Pres. & Mgr. N. J. Walper....Anamoosa
ec. & Treas. Mrs. N. J. Walper "
ngr. Pwr. Sta.
Karl S. Shinkenberg.......... "
2 d. c. Imperial tot. 200 amp. 220-110 v; . c. nt. ltg. cir. 110 v; d. c. nt. mo. cir. 20 v; 50 hp. e. (gas) Bessemer.
City cont. 70 incs. "C" 100 w. $1.50 per o; moonlt; oil 6½ cts. per gal. (Will stall 200 amp. hr. stor. bat.)
C G L ✣ §16

**RTHUR**, 74—Farmers Elevator Co.
res. J. E. Somneefeld..............Arthur
. Pres. R. M. Vosburg........... "
¶Sec.Treas. Mgr. & Engr.Pwr. Sta.
J. A. Burgum.................... "
1 d. c. W. E. 128 kw. 110-125 v; E. S. B. or. bat. 110 v; d. c. day & nt. ltg. & mo. r. 115 v; 25 hp. e. (gas) F. M. & Co.
City cont. 12 Mazdas 100 c. p; kerosene to 10 cts.
C D G L ✣ §85

**EACH**, 1,700—The Beach Elec. Co.; cap. $50,000.
res. & Treas. J. G. Robertson
St. Paul, Minn.
¶V. Pres. & Mgr. Geo. S. Chrysler..Beach
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. r. 220 v. s. ph. 60 cys; 150 hp. e. Ideal; 0 hp. b. Wms.
City cont. 6 enc. arcs 6.6 amp; 34 incs. c. p. 6.6 amp; meter; mdnt; lignite .87.
L S 1 3 ✣ 35

**ISMARCK**, 5,443—Hughes Elec. Co. cap. outstg. $100,000.
res. M. H. Hughes..Minneapolis, Minn.
. Pres. Treas. & Mgr.
E. A. Hughes ...................Bismarck
Sec. W. V. Hughes....................Beach
ngr. Pwr. Sta. Carl P. Larson..Bismarck
4 a. c. G. E. tot. 1250 kw. 2200 v. 3 ph. cys; 3 d. c. tot. 300 kw. 220 v; trans. 6600 3 ph; a. c. day & nt. ltg. cir. 120 v. 60 s; a. c. day & nt. mo. cir. 120-220-2300 v. & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. r. 220 v; 1200 hp. e. Ball, Bates, Bckye; 00 hp. b. Franklin; also stm. htg.

City cont. 65 nitro. lamps G. E. 6.6 amp. $60 per yr; 500 incs. 60 & 110 w. 4 cts. per kw; all nt; lignite $2.
C D H L S 1 3 ✣ 125

**BOTTINEAU**, 1,331—*F. M. Woodward.
1 d.c. W. E. 300 amp. 250 v; d. c. nt. ltg. cir. 220 v: 150 hp. e. Twin City; —— hp. b. Twin City; 50 hp. e. (oil.)
City cont. 4 arcs A. B. 550 w. $72 per yr. and 42 incs. 32 c. p. $15 per yr. all nt; coal $7.
C G L S ✣ 26E

**BOWMAN**, 481—Bowman Elec. Lt. & Pwr. Co; cost $18,000.
*¶Pres. & Mgr. W. R. McKenzie..Bowman
2 a. c. West. Ft. Wayne, tot. 100 kw. 220 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110-220 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 135 hp. e. Allis-C; 160 hp. b; also stm. htg.
City cont. 4 incs. "C" 500 w. $78 per yr; 20 incs. "B" 40 w. $25 per yr; mdnt; coal $1.85.
D H L S 3 ✣ 16

**BUFFALO**, 241—Buffalo Elec. Lt., Ht. & Pwr. Co.
*Owner, Harry Christenson........Buffalo
2 d. c. West. W. E. tot. 30 kw. 110 v; 120 amp. hr. stor. bat; d. c. day & nt. ltg. cir.; 40 hp. e. (gas) F. M. & Co.
City cont. 11 P. M.
C G D L ✣ §125

**CANDO**, 1,553 — Cando Utilities Co. (Under operation and management of Frank E. Corson & Co., Fargo.)
Engr. Pwr. Sta. Arthur Erickson...Cando
2 d. c. W. E. tot. 110 kw. 220 v; d. c. ltg. (mdnt.) cir. 220 v; 200 hp. e. T. C. Mur; 150 hp. b. T-C. Bros.
City cont. 71 incs. 60 w. $12 per yr; moonlt; mdnt; coal $6.70.
C L S ✣ ★26

**CARRINGTON**, 1,217—General Utilities Corpn. (Under operation and management of Frank E. Corson & Co., Fargo.)
Engr. Pwr. Sta.
J. P. Abrahamson...........Carrington
3 d. c. Wood, W. E. tot. 95 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 150 hp. e. Am. Ball, Chuse; 3 Brnl. boilers; stm. htg.
City cont. 48 incs. 40 w. $12 per yr. all nt; lignite $2.40.
C D H L S ✣ §26

**CASSELTON**, 1,553—Casselton Elec. Lt. Plant; cost $6,000.
¶ Owners { *Lloyd Lynch......Casselton
Chester Hallett. .... "
1 d.c. Tri, F. M. & Co. 60 kw. 220 v; all nt 2 days each week; 75 hp. e. Imperial; 100 hp. b. Frmn; 30 hp. e. (gas) F. M. & Co.
City cont. 100 w. Mazdas $33 per yr; coal $6.20; oil 10 cts. per. gal.
C D L S ✣ 74w

**CAVALIER**, 652—Cavalier Elec. Lt. Plant.
*Owner & Mgr. James Lang.....Cavalier
1 d. c. Tri. 50 kw. 220 v; no day cir; 125 hp. e. Ideal; 205 hp. b. Murray, Wm. Bros.
City cont. 4 arcs 1200 c. p. $75 per yr; 17 incs. 82 c. p. $18 per yr; moonlt. mdnt; coal $5.15.
C L S ✣ 125

**COGSWELL**, 418—Cogswell Elec. Lt. & Pwr. Co.
¶ Pres. W. E. Johnson..............Cogswell
*¶ Sec., Treas. & Ch. Engr.
H. L. Saylor..................... "
1 d. c. 15 kw. 120 v; d. c. day & nt. ltg. cir. 110-120 v; d. c. day & nt. mo. cir. 110-220 v; 25 hp. e. (gas) Bates.

City cont. 15 mazdas 60 w. $20 per yr; moonlt; gasoline 13.7 cts.
C D G L 75

**COOPERSTOWN**, 1,019—Cooperstown Elec. Lt. Plant; cap. auth. $20,000.
Owner, Chester C. Piatt......Cooperstown
*Supt. J. Powell ............ "
Ch. Engr. J. W. Burns........ "
2 d. c. E. M. Co. tot. 125 kw. 250 v; 205 hp. e. (gas) Minpl, Weber; 205 hp. gas pro. Minpl, Weber.
City cont. 9 arcs 1000 c. p. tot. $757.80 per yr; 33 incs. 32 c. p. tot. $792 per yr; moonlt; coal $8.50.
C G L ✠ 25

**DEVILS LAKE**, 5,157—Western Utilities Corpn. Power plant at Devils Lake. (Under operation and management of Frank E. Corson & Co., Fargo); cap. $500,000; bds. $110,000.
Pres. Frank E. Corson..............Fargo
Mgr. Harvey Kepler..........Devils Lake
Gen. Supt. Alfred C. Fox..... "
2 a. c. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Ham, Cor; 450 hp. b. Wms; stm. htg.
City cont. 125 incs. 40-60-100 w; moonlt; coal $5.50.
D H L S 3 26

**DICKINSON**, 3,678—Elec. Lt. Plant.
Owners, Hughes & Deiters....Dickinson
*¶ Mgr. A. H. Deiters......... "
Engr. Pwr. Sta.
Frank Windmiller............ "
2 a. c. G. E. tot. 450 kw. 2,300 v. 3 ph. 60 cys; 2 d. c. G. E., Minpl. tot. 200 kw. 220 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 220 v; 720 hp. e. Bckye; 800 hp. b. Frost; also stm. htg.
City cont. 36 Mazdas "C" 400 c. p. $60 per yr; all nt; coal $2.
C D H L S 1 3 16

**EDGELEY**, 749—Munic. Elec. Lt. Plant; cost $13,000.
Pres. Bd. Wm. Organ..............Edgeley
Clerk, J. Bowen..................... "
Treas. A. J. Kesler ................. "
*Supt. & Ch. Elecn. C. S. Rygh .. "
Engr. Pwr. Sta. Elmer Dahlquist. "
1 a. c. F. M. & Co. 30 kw. 1150 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v.; 50 hp. e. (gas) F. M. & Co.; 100 hp. e. Mnpl; 100 hp b. Wms.
4 city tung. 250 c. p; 700 city tant. 20 c. p; moonlt; nat. gas & gasoline 15 cts; coal $7.
G L S 2 ✠ 25

**ELLENDALE**, 1,389—Ellendale Elec. Co; cap. $25,000.
Pres. J. H. Canham..........Jamestown
*¶ Treas. & Mgr.
G. F. Phillips..................Ellendale
1 a. c. Triumph 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Sknr; 250 hp. b. Brnl.
City cont. 220 incs. series 60 & 100 w; all nt; coal $4.90.
D L S 3 16

**ENDERLIN**, 1,540—General Utilities Corpn. (Under operation and management of Frank E. Corson & Co., Fargo.)
2 a. c. Elec. Mch. tot. 138 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 185 hp. e. Allis-C, Sknr; 215 hp. b. Penn; stm. htg.
City cont. 64 tung. 100 w; all nt; screenings $5.45. (Will erect trans. line to Sheldon.)
D H L S 3 ★26

**FARGO**, 14,331—Union Lt., Ht. & Pwr. Co. (Owned and operated by the Consumer's Pwr. Co., which is controlled by the Northern States Pwr. Co.)
Pres. A. S. Huey .............Chicago, Ill.
V. Pres. J. J. O'Brien......... " "
Sec. Wm. C. McKenna........ " "
Treas. H. R. Frost..............Minneapolis
¶ Mgr. M. L. Hibbard.................Fargo
Cont. Agt. W. P. Chesnut............ "
Supt. L. L. Schooley................. "
Ch. Engr. L. C. Topping.............. "
5 a. c. G. E. West tot. 1400 kw. 2300 v. 3 ph. 60 cys; 3 mo. gen. tot. 675 kw. 2300-220-550 v. d. c. G. E. & Natl; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 220 v; 2800 hp. e. Harrisb. Fleming, Clark, Bckye, Sknr; 2248 hp. b. Heine; 300 kw. stm. turb. West; also stm. htg.
City cont. 135 series arcs 7.5 amp. $60 per yr; 238 series tung. 7.5 amp. $12 per yr; all nt; 206 5-lt. posts. 60 & 100 w. bottom lts. mdnt; top lt. all nt; $38.80 per yr; coal $4.60. (Co. also lts. Dilworth, Minn., and sells pwr. to Fargo & Moorhead St. Ry. Co.)
C D H L S 1 3 ✠ 25

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Frank E. Corson & Co. Office, Fargo. (Operates and manages following properties: Cando Utilities Co; Consumers General Service Co., New Rockford; General Utilities Corpn. of Carrington, Kenmare, Enderlin, Sheldon & Oakes; Hope Lt. & Pwr. Co. and Western Utilities Corpn., Devils Lake.)
Pres. Frank E. Corson..............Fargo
*V. Pres. & Gen. Supt.
Alfred C. Fox..................... "
Mgr. New Business, H. Kepler .... "
§26

**FINLEY**, 516—Finley Lt. & Pwr. Co; cap. $5,000; cost $8,800; no bds.
Pres. E. H. Gilbertson..............Finley
V. Pres. A. T. Strandness......... "
Sec. G. A. Monteith................. "
*¶Treas., Mgr., Cont. Agt. & Engr.
Pwr. Sta. F. E. Curry............. "
2 d. c. Bat. Co. Ft. Wayne, 27 kw. 125 v; d. c. day & nt. ltg. & mo. cir. 110 v; 120 amp. hr. stor. bat. 130 v. U. S. Lt; 20 hp. (gas) Bat. Co.
City cont. 27 Mazdas 40 & 60 w. tot. $420 per yr; moonlt, 11 P. M.; gasoline 18½ cts.
C D G L ✠ 25

**GRAFTON**, 2,229—Munic. Lt. & Wtr. Plant; cost $15,000.
Mayor A. McConville.............Grafton
Cont. Agt. A. McConville.. ...... "
*¶ Supt. Karl H. Smith............ "
Engr. Pwr. Sta. Ole Johnson...... "
1 a. c. Warren 150 kw 1100v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; a. c. mo. cir. 110 v. s. ph. 133 cys; 200 hp. e. Twin City; 300 hp. b. Williams, Bros.
39 city arcs A. C. series 500 w; 8 city series tung. 75 w; moonlt. mdnt; coal $6.
L S 1 ✠ 125

**GRAND FORKS**, 12,478—Red River Pwr. Co. (Owned and operated by the Consumer's Pwr. Co., which is controlled by the Northern States Pwr. Co.)
Pres. I. Milkewitch,
175 Jackson St., Chicago, Ill.
V. Pres. F. W. Stearns.............. "
Sec. Wm. C. McKenna.............. "
Treas. B.W. Lynch...Minneapolis, Minn.
¶ Mgr. W. H. Brown.........Grand Forks
Engr. Pwr. Sta. Chas. McFarlane "
1 a. c. G. E. 750 kw. 2300 v. 3 ph. 60 cys; 5 d.c. G. E. Wood tot. 1335 kw. 220 & 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; d. c. day & nt. ltg. & mo. cir. 220-110 v; 2280 hp. e. Ham, Cor, Ball, Rus;

Allis C; 2650 hp. b. Stir; 750 kw. turb. (stm.) Curtis; also stm. htg; also purchases energy from Elec'l Development Co., Crookston, Minn.

Coal $3. (Also operates in Red Lake Falls, Minn.; sells energy in bulk to Town of East Grand Forks, Minn.)

C D H L S 3 25

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Munic. Elec. Lt. Plant; cost $65,000.
*Audr. W. H. Alexander....Grand Forks
Supt. & Engr. Pwr. Sta.
H. Juneau.................. "
Ch. Elecn. Reg. Smith ...... "
City Elecn. M. Fitzgerald... "

1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; 3 d. c. arc Wood, 250 lt; a. c. nt. ltg. cir; a. c. mo. cir; 325 hp. e. Twin City, Ideal; 650 hp. b. Heine & Marine.

700 city Mazdas 60 & 100 w. $3.40 per yr; 130 city arcs $65 per yr; moonlt; coal $5.55.

L S 3 ★15w

**HANKINSON,** 1,503—Otter Tail Pwr. Co. (Purchased property of Phillips-Carlton Elec. Co.) See Fergus Falls, Minn.

1 a. c. E. M. C. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 100 hp. e. Allis-C; 125 hp. b. Brnl.

75 city incs. 60 w. $20 per yr.

D L S 3 ✠ 75

**HARVEY,** 1,443—Harvey Elec. Lt. & Pwr. Co.; cap. $25,000; no bds.
Pres. J. Jourgenson..............Harvey
V. Pres. J. D. Clark............... "
Sec. A. W. Huff ..................... "
Treas. S. S. Renfrew.............. "
*¶ Mgr. & Ch. Engr. C. R. Cummings "

1 a. c. E. M. Co. 90 w. 1150 v. 3 ph. 60 cys; 1 d. c. E. M. Co. 24 kw. 110 v; a. c. nt. ltg. cir. 110 v; 75 hp. e. Sioux C; 125 hp. b. F. M. & Co.

City cont. 4 arcs G. E. 500 w. $102 per yr; 51 tung. 40, 60 & 100 w. $19.20 per yr; moonlt; lignite. $2.36.

C L S 3 ✠ 25

**HEBRON,** 597—Hebron Elec. Lt. & Pwr. Co.; cap. $10,000.
Pres. Theo. J. Bolke..............Hebron
V. Pres. Otto J. Calhies............ "
*¶ Sec., Treas., Mgr., Cont. Agt. & Engr. Pwr. Sta. E. L. Carlton...........Hebron

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 220-440 v. 3 ph. 60 cys; 125 hp. e. Ideal; 200 hp. b. Erie.

City cont. 45 Mazdas, 100 w. 10 cts. per kw. hr; all nt; coal $1.70.

D L S 1 3 ✠ 125

**HILLSBORO,** 1,237—*Munic. Elec. Lt. & Wtr. Plant; cost $30,000.
¶ Mgr. & Ch. Elecn. C. S. Christensen Hillsboro

2 d. c. Northn. 40 kw. 220 v; no day cir; 110 hp. e. Ide; 120 hp. b. Spfg.

6 city arcs A. B. and 65 incs. 32 & 60 c. p. Mazdas total $1,000 per yr; all nt; coal $5.90.

C L S ✠ 23

**HOPE,** 776—Hope Lt. & Pwr. Co. (Under operation and management of Frank E. Corson & Co., Fargo.)

1 d. c. gen. — kw. 220 v; d. c. nt. ltg. cir. 110 v; d. c. nt. mo. cir. 220 v; 90 hp. b; 70 hp. e. F. M. & Co.; 1 gas eng.

City cont. 36 incs. midnt. and all nt; moonlt; coal $6.15.

C G L S ✠ ★26

**HUNTER,** 365—The Hunter Lt. & Pwr. Co.; cap. $4,200.
Pres. & Treas. J. B. Hockridge....Hunter
V. Pres. F. C. Hockridge.......... "
Sec. Mrs. Georgia Hockridge....... "
*Mgr. & Ch. Engr. R. E. Hockridge "

2 d. c. Globe tot. 180 kw. 125 v; stor. bat. 125 v. U. S. Lt; d. c. day & nt. ltg. cir. 122 v; d. c. day & nt. mo. cir. 125 v; 20 hp. e. (oil) Edmond & Bates; 18 hp. e. (gas) Venn-Severin.

City cont. 40 incs. 60 & 100 w; moonlt; gas 15 cts. & oil 9 cts.

C D G L ✠ 16

**JAMESTOWN,** 4,358 — Western Elec. Co.; cap. $150,000; bds. $17,500.
Pres. Agnes Canham...........Jamestown
*¶ Sec., Treas. & Mgr.
John H. Canham........... "
Ch. Engr. Wm. Guymer...... "

1 a. c. W. E. 85 kw. 2300 v. 3 ph. 60 cys; 2 d. c. W. E. tot. 300 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. day & nt. mo. cir. 220 v; 450 hp. e. Tublr, Brnl; 700 hp. b. Franklin; also stm. htg.

City cont. 120 inc. (white way lts.) 100 w; all nt; lignite $2.55. (Contemplates installing new pwr. plant.)

C D H L S 3 ✠ 26E

**KENMARE,** 1,437—General Utilities Corpn. (Under operation and management of Frank E. Corson & Co., Fargo.)
Supt. Frank E. Abbott.......... Kenmare
Engr. Pwr. Sta. E. A. West..... "

1 d. c. Tri. 100 kw. 250 v; 2 a. c. Mnpls. tot. 300 kw. 2300-220-110 v. 3 ph. 60 cys; d. c. day cir. 250 v; a. c. day cir. 2300 v; 600 hp. e. Am. Ball, Sknr; 600 hp. b. Diamond; also stm. htg.

City cont. 6 arcs 1200 c. p. $80 per yr; 50 incs. 35 c.p. $15 per yr; moonlt; all nt; lignite. $1. (Co. also lts. Woodland.)

C D H L S 3 ✠ ★26

**KNOX,** 330—*Delameter Bros.

2 d. c. F. M. & Co. 3½ kw; d. c. nt. ltg. cir; 4½ hp. e. (gas) Cushman; stor. bat. E. S. B. 110 v. 80 amp. hrs.

City cont; moonlt; gasoline 17 cts.

• C G L 15

**LAKOTA,** 1,023—Lakota Lt. & Pwr. Co.
*¶ Owner & Mgr. Jas. P. Larson...Lakota
Engr. Pwr. Sta. A. Benson........ "

2 a. c. West. 135 kw. 1100 v. s. ph. 60 cys; a. c. day (two days each week) & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 175 hp. e. Sknr; 200 hp. b. Bros, Diamond.

City cont. 50 Mazdas 250-60-40 w. $18 per yr; all nt; coal $5.25.

D L S 1 ✠ ★125

**LANGDON,** 1,544 — Langdon Elec. Plant; cap. $30,000; bds. $5,000.
Pres. John Mahon..............Langdon
V. Pres. W. F. Winters.......... "
*¶ Sec., Treas., Mgr., Supt., Engr., Pwr. Sta. Thos. Finerty....... "

2 d. c. C-W Triumph, 160 kw. 250 v; no day cir; 175 hp. e. Ide, Bckye; 500 hp. b. Gilmore. Also steam heating.

64 city incs. 40 w. $16.80 per yr; moonlt; coal $6.15.

C H L S ✠ 125

**LANSFORD,** 456—Northern Telephone Co. Office, Minot; gen. stas., Lansford and Rugby.
Pres. V. B. Noble...................Minot
*Gen. Supt. C. H. Coar. ........... "

4 d. c. Northn. W. E. Triumph tot. 20 kw. 220 v; no day cir; 33 hp. e. (gas) I. H. C.

City cont, 40, 60 & 100 w. Mazdas $2, $3 & $4.50 per mo; moonlt; kerosene 11.4 cts. per gal.

C G L S ✠ 125

**LARIMORE,** 1,224—Munic. Elec. Lt. Plant; cost $11,500; bds. $11,500.
Mayor, A. T. Rowe...............Larimore
Pres. of Board, Geo. Larmour... "
*¶ Audr. N. J. Powell........... "
Supt. H. J. Wylie................ "
Engr. Pwr. Sta. John Anderson, "

2 d. c. Tri. tot. 90 kw. 220 v; d. c. day (Mon. & Tues.) & nt. ltg. & mo. cir. 220 v; 120 hp. e. Ideal; 100 hp. b. Bros.
22 city arcs A. B. 3.5 amp. 12 cts. per kw; moonlt. 11 P. M; coal $5.70.
C D L S ✣ ★125

**LEEDS,** 682—Leeds Elec. Lt. & Pwr. Co.; cap. auth. $10,000.
*Owner & Mgr. G. G. Candee.......Leeds
3 d. c. Mil. 108 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 190 hp. e. A. & N, Ideal; 100 hp. b. Brnl;—hp. e. (gas) Foss. (for day service.)
City cont. 48 tung. $1200 per yr; all nt. moonlt; coal.
C D G L S ✣ 74

**LIDGERWOOD,** 1,019 — Lidgerwood Mill Co. (Elec. Lt. Plant); cap. $85,000; no bds.
*¶Pres. Mgr. & Cont. Agt.
W. R. Movius................Lidgerwood
V. Pres. A. J. Movius......Billings, Mont.
Sec. M. J. Movius............Lidgerwood
Engr. Pwr. Sta. Jno. Clarke.. "
2 a. c. Elec. Mch. 105 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 a. c. mo. cir. 220 v.; 50 hp. e. Bckye, 225 hp. b. Mnpl.
City cont. 30 arc series 10 cts. per kw; 72 incs; all nt; coal $5.50.
D L S 2 ✣ 125

**LISBON,** 1,758—Lisbon Elec. Lt. & Pwr. Co.
Pres. O. Claussen.........St. Paul, Minn.
Sec. & Treas. D. B. Thompson, St. Paul, Minn.
*Supt. H. H. Weeden...............Lisbon
Engr. Pwr. Sta. Clem Summas.... "
2 a. c. Elec. Mach. tot. 150 kw. 2300 v. 3 ph. 60 cys.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 220 v; 200 hp. e. (gas) Rath J; 225 hy. gas pro. Smith.
City cont. 60 Mazdas series 100 c. p. tot. $120 per mo.; 168 Mazdas 40 and 60 w. 7 cts. per kw.; lignite $2.80 and anthracite $6.93.
D G L 3 ✣ 25

**MANDAN,** 3,873—Mandan Elec. Co.; cap. $50,000; no bds.
Pres. J. H. Newton...............Mandan
Sec. & Treas. G. A. Renden....... "
*¶Supt. B. K. Skeels ............. "
Engr. Pwr. Sta. S. Helvick...... "
2 a.c. West, G.E. 380 kw. 2300 v. 3 ph. 60 cys; 1 rect. West. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 570 hp. e. Bckye; 450 hp. b. Brnl.
City cont. 45 arcs 300 w. $85 per yr; 11 P. M. moonlt; coal $2.10.
D L S 1 3 ✣ 125

**MAYVILLE,** 1,070 — Municipal Elec. Lt. & Wtr. Works.
Mayor, Geo. O. Stomner..........Mayville
City Audr. C. O. Vangen......... "
*¶Mgr. Albert Jordet ............ "
Engr. Pwr. Sta. R. T. Lovell.... "
1 a. c. Warren 100 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v; 188 hp. b. Frmn; moonlt; coal $5.90.
L S 1 ✣ 24

**MINOT,** 10,000—Consumer's Pwr. Co. For executive officers, see St. Paul, Minn.
¶Mgr. J. F. McGuire.................Minot
Supt. N. O. Nelson.................. "
Engr. Pwr. Sta. Roy Drawz........ "
3 a. c. W. E, G. E, Elec. Mch. tot. 490 kw. 110 & 220 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 700 hp. e. T. C, Mur, Cor, Allis-C; 1040 hp. b. Stir.
City cont. 233 incs. series 50 w. $19 per yr; 5 clusters 4-150 w. $66 per yr; all nt; 60 5-lt. posts (1-60 w. all nt. & 4-40 w. 11 P. M.) $45 per post; lignite $2.17; stm. htg. and owns local telephone system. (Trans. to Burlington).
D H L S 1 3 25

**MOTT,** 650—Equity Milling & Pwr. Co. (Successor to Mott Pwr. & Milling Co.)
Pres. S. Stewart...........Morris, Minn.
V. Pres. J. M. Johnston .............Mott
*Sec.-Treas. & Mgr. J. P. Larson... "
Engr. Pwr. Sta. N. Finneman....... "
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 300 hp. b. Bros; 210 hp. e. T. C; Allis-C.
City cont. 100 tung. 60 & 100 w. tot. $150 per month; moonlt; coal $2.28.
D L S 3 ✣ ★16

**NEW ROCKFORD,** 1,200 — Consumers General Service Co. (Under operation and management of Frank E. Corson & Co., Fargo.)
Pres. Frank E. Corson..............Fargo
Mgr. W. J. Rheinfrank. ..New Rockford
Engr. Pwr. Sta. W. J. Blackwell New Rockford
1 a. c. Minpl. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph; 125 hp. gas pro. Smith; 120 hp. e. (gas) Bruce Macbeth; stm. htg.
City cont. 75 tung. 150 w; all nt; coal.
D G H L 3 26

**NORTHWOOD,** 769 — Munic. Light Plant; bds. $8,000.
¶Mayor (Supt) P. P. Glasrud..Northwood
*Audr. G. P. Johnson......... "
Treas. Nick Halverson......... "
Engr. Pwr. Sta. Geo. Mehus.. "
2 d. c. W. E. tot. 61 kw. 250-125 v; d. c. nt. ltg. & mo. cir. 110 v; 75 hp. e. (gas) F. M. & Co.
Distillate.
C G L ✣ §36

**OAKES,** 1,499—General Utilities Corpn. (Under operation and management of Frank E. Corson & Co., Fargo.)
Supt. L. E. Thorne..................Oakes
Engr. Pwr. Sta. F. L. Kempf...... "
3 d. c. Colonial tot. 268 amp. 250 v; 160 amp. hr. stor. bat. U. S. Lt. 250 v. 25 amp; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 100 hp. e. (oil) Bates, Lansing; stm. htg.
City cont. 4 A. B. flame arcs 5.5 amp; 49 mult. Mazdas 60-100 w; tot. $120 per yr; midnt. & all nt; oil 13.1 cts. per gal.
C D G H L ✣ ★26

**PARK RIVER,** 1,008—Munic. Elec. Lt. & Wtr. Wks; cost $12,000.
Pres Bd. S. A. Cameron......Park River
Audr. F. J. Prochaska.......... "
Treas. R. J. Holmes........... "
*Supt. A. E. Mullineaux...... "
Engr. Pwr. Sta. Alfred Wakeford............ "
1 a. c. Elec. Mch. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day (Monday & Tuesday) & nt. ltg. cir. 110 v; 125 hp. e. Allis C; 200 hp. b. Bros.
84 city Mazdas 60 w. moonlt; coal $3.30.
D L S 3 125

**RAY,** 436—Ray Elec. Co.; cost $6,500.
*Owner & Mgr. Chas. A. Summers...Ray
Ch. Engr. J. W. Hanson............. "
1 a. c. Ft. W. 37½ kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; no mo. cir; 60 hp. e. (gas) Rumely.
City cont. 102 tung. 60 w. (18) and 40 w. (84) 65 cts. per month; 1 A. M; kerosene 12½ cts. per gal.
D G L 3 ★125

**RICHARDTON,** 647—St. Mary's Monastery Elec. Lt. Plant; cap. $30,000.
*Supt. & Engr. Pwr. Sta.
Paul Tetzel.......................Richardton

1 d. c. Sprague 37½ kw. 110 v; d. c. nt. ltg. cir. 106-100 v; 50 hp. e; 260 hp. b. Mnpl; also stm. htg.

City cont. 7 arcs G. I. $54 per yr; 60-80 w. tantalum $20.40 per yr; 10.30 P. M; coal $2.

C H L S ✣ 75

**RUGBY,** 1,630 — Northern Telephone Co. For executive officers, see Lansford.

Engr. Pwr. Sta. Ole Johnson .....Rugby

2 d. c. Northn. W. F, tot. 90 kw. 220 v; d. c. nt. ltg. cir. 220 v; 25 hp. e. (gas) I. H. C; 270 hp. b. Bros.

City cont. 60 Mazdas 40 & 100 w; hours; coal.

C G L S ✣ 85

**ST. THOMAS,** 513—Munic. Elec. Lt. Plt.; cost $11,000; bds. $5,000.

City Auditor, S. F. Peterson..St. Thomas
*Ch. Engr. B. H. Nelson..... "

2 d. c. Ft. W. tot. 23½ kw. 125 v; 120 amp. hr. stor. bat. E. S. B. 110 v. 15 amp; d. c. day & nt. ltg. & mo. cir. 110 v; 37 hp. e (gas) Intrnl.

27 city Tung; oil.

C D G L 16

**VALLEY CITY,** 4,606—Munic. Lt. & Wtr. Wks; cost $32,000.

*Supt. O. N. Bergman........Valley City
Ch. Engr. C. A. Bergman..... "

2 a. c. Elec. Mach. tot. 375 kw. 2300 v. 3 ph. 60 cys; 2 d. c. W. E. Sprague tot. 275 kw. 220 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 220 v; 875 hp. e. Erie City, Chuse, Lentz; 516 hp. b. Erie.

92 5-lt. posts 60 & 100 w; 34 city arcs A. B; moonlt; coal $2.25.

C D L S 3 ✣ ★125

**VELVA,** 837—Velva Elec. Service Co.; cost $15,000.

*¶ Mgr., & Cont. Agt.
O. J. Kauffman..................Velva
Engr. Pwr. Sta. Leonard St. George "

1 a. c. Elec. Mach. 40 kva. 2300 v. 3 ph. 60 cys; a. c. day (noon) & nt. ltg. cir; a. c. day (noon) & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys; 50 hp. gas pro. Smith; 50 hp. e. (gas) Bruce Macbeth.

City cont. 37 incs. series 40, 60 & 100 w. 4 amp. $24, $36 & $54 per yr; moonlt; coal $8.50.

D G L 1 3 ✣ 16

**WAHPETON,** 2,467—Otter Tail Power Co. See Fergus Falls, Minn.

*Supt. H. C. Snyder..............Wahpeton

RESERVE PLANT: 2 transf. G. E. tot. 500 kw; 1 mo. gen. G. E. 60 kw; 1 a. c. G. E. tot. 350 kw. 2200 v. 3 ph. 60 cys; 1 arc T-H. 50 lt; a. c. day & nt. ltg. cir 110 v; a. c. mo. cir. 220 v; 615 hp. e. McI. & S, Mur, B. & W; 500 hp. b. Heine, H. R. & T.

City cont. 25 arcs G. E, lumn. 4 amp. $90 per yr; 7 series Mazdas 80 c. p. $30 per yr; 65 mult. Mazdas 250 w $60. per yr; all nt; coal $4.75.

D L S 3 ✣ 25

**WALHALLA,** 592 — Walhalla Roller Mill Co; cap. $50.000.

Pres. C. W. Andrews..............Walhalla
V. Pres. W. F. Winter..........Langdon
*Sec. & Treas. W. A. Andrews..Walhalla
¶Mgr. & Cont. Agt.
Geo. H. White.................. "
Ch. Engr. J. H. Turner......... "
Engr. Pwr. Sta. E. Menier....... "

2 d. c. Akron Elec. Mch. tot. 80 kw. 220 v; no day cir; 100 hp. e. T. C; 96 hp. turb. (wtr.) Leffel; 100 hp. b. Williams.

City cont. 14 Mazdas 40 w. $7.20 per yr; 10 Mazdas "C" 100 w. $30 per yr; moonlt; coal $6, wood $2.

C L S W ✣ ★16

**WATFORD,** —. Munic. Lt. Plant.

City Council { Geo. D. Johnson......Watford
H. P. Lundin.......... "
J. P. Christensen...... "
Clerk J. J. Martin.................. "
*Mgr. S. J. Peck................. "

1 d. c. Triumph 30 kw. 125 v; d. c. nt. ltg. cir. 120 v; 50 hp. e. (gas) I. H. C.

10 city incs. 200 w; kerosene 13 cts. per gal.

C G L ✣ §36

**WHITE EARTH,** 264 — Munic. Ltg. Plant. (City purchased property of White Earth Elec. Assn.); cost $3,000.

*¶ Mgr. Fred. Hermanson...White Earth

2 d. c. West. Triumph, tot. 20 kw. 125 v; d. c. nt. ltg. cir. 110 v; 9 hp. e. (gas) F. M. & Co; 25 hp. e. (oil) I. H. C.

City Mazdas 15 to 200 w; gasoline and kerosene.

C G L 16

**WILLISTON,** 3,124—Munic. Elec. Lt., Pwr. & Wtr. Plant; cost $82,000; bds. $60,000.

*Supt. C. C. Mackenroth........Williston

Energy purchased from U. S. Reclamation Service; 79 transf. G. E. West. Ft. W. 400 kva; 2 a. c. Ft. W, West. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440 v. s. & 3 ph. 60 cys; 325 hp. e. McE., L. & B; 500 hp. b. Mil, Frost. (Reserve plant).

60 city arcs 600 w. $84 per yr; 500 incs. 10-500 w. 4½ cts. per kw; moonlt. (Will install "White Way" system.)

D L S 1 3 125

## OHIO.

**ADA,** 2,465—Ada Water, Heat & Lt. Co.; cap. prfd. $25,000, com. $75,000; bds. $75,000.

Pres. Dr. C. S. Ames.................Ada
V. Pres. Chas. H. Bosler...........Dayton
*Sec. & Mgr. Chas. Wood.............Ada
Treas. Justice Brewer............... "
Engrs. Pwr. Sta. { Ray Taylor.............. "
Geo. Auspach.............. "

2 a. c. Warren tot. 150 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 250 hp. e. L. & B; 650 hp. b. Brnl.

City cont. 28 arcs Helios 6.6 amp. $62.50 per yr; 47 tung. 6.6 amp. 100 c. p. $20 per yr; moonlt. 1 A. M; coal $2.35.

D L S 1 ✣ 125

**AKRON,** 100,000—Northern Ohio Traction & Lt. Co. Pwr. stas. at Akron (2) and Canton. (Owns The Northern Ohio Pwr. Co.); cap. outstdg. $12,071,000; bds. $11,624,000.

Pres. H. A. Everett............Cleveland
V. Prests. { Will. Christy..........Akron
E. W. Moore.......Cleveland
V. Pres & Gen. Mgr. Chas. Currie..Akron
Sec. C. F. Moore................... "
Treas. J. R. Nutt.............Cleveland
Audr. Chas. Lahr....................Akron
¶Pur. Agt. Russell Harter.......... "
Gen Supt.. W. H. Douglass......... "
*Gen. Supt. Pwr. & Shops J. G. Swain "
Supt. Pwr. W. H. Roberts........ "
" Shops P. J. Wood............ "
" Distrbn. Wm. E. Salber...... "
" Sub.-Stas. F. G. Benson..... "
Engr. Pwr. Sta. B. L. Luke......... "

Pwr. stas. equip: 3 a. c. turbo-gen. West. tot 27,000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 22,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; d. c. mo. cir. 500 v; 2350 hp. wtr. wh. Trump; 9600 hp. b. Bab. & W; 250 amp.-hrs. stor. bat. E. S. B. 125 v.

City cont. 450 arcs magn. 1200 c. p. and 3300 tung. 80-100 w. all nt; coal $1.75. (Co. also lts. Barberton, Kenmore, Cuyahoga Falls, Macedonia, Twinsburg and Magadore; sells energy in bulk to Gilmore Lt. & Pwr. Co. of Beach City.)

C D R S W 3 ✣ ★26

**ALLIANCE,** 15,083—Alliance Gas & Pwr. Co. (Controlled by Cities Service Co., and is operated by the Doherty Organization, 60 Wall Street, New York, N. Y.); cap. auth. & issued $550,000; bds. $452.500.
Pres. Henry L. Doherty..New York, N.Y.
1st V.Pres.Frank W.Frueauff " "
2d V. Pres. Geo. W. York......Cleveland
*Sec. Edwin Wagner............Alliance
¶ Treas. & Mgr. W. J. Rose..... "
Ch. Engr. G. E. Morris......... "
4 a. c. G. E. tot. 1800 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. Rus, Ideal; 1500 kw. stm. turb. G. E; 1400 hp. b. Bab. & W.
City cont. 111 arcs 450 w. $65 per yr; 100 Mazdas, 100 w. $26 per yr; moonlt; coal $1.45.
D L S 3 125

**AMHERST,** 2,106 — Munic. Elec. Lt. Plant: cost $24,000.
Pres. Henry Arndi..............Amherst
*V. Pres. J. E. Plato........... "
Sec. & Treas. P. O. Barber..... "
Supt. & Engr. Pwr. Sta. W. Baird "
Asst. Engr. Carl Haven......... "
2 a. c. Warren, Allis-C. tot. 175 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 275 hp. e. (gas) Natl. Meter Co. (Also purchases energy from Geo. E. Milligan Co., Elyria.)
5 city arcs A. B. series 500 w. $30 per yr; 1 city series Mazda 100 c. p. $10.20 per yr; moonlt. mdnt; nat. gas 30 cts. per m. (Co. also lts. North Amherst.)
D G L 1 ✠ 113

**ANNA,** 460—Munic. Elec. Lt. Plant; cost $5,000.
Pres. Wm. Rembolt...............Anna
Sec. T. S. Price.................... "
Treas. Geo. N. Hensel............ "
*Mgr. A. M. Curtis................. "
¶ Cont. Agt. Bd. of Affairs......... "
Energy from The Western Ohio Ry. Co; 1 transf. Pittsburgh 30 kw; 1 freq. chgr. G. E. 2200 v. s. ph. 25 cys; a. c. day & nt. ltg. cir. 104 v. 25 cys; a. c. mo. cir.
436 city Tung. 40 w. 7 cts. per kw; all nt.
D L 1 ✠ 23

**ANTWERP,** 1,187 — *A. A. Pointer. Address, 2203 Crescent Ave., Ft. Wayne, Ind.
Energy purchased from Hicksville Elec. Lt., Ht. & Pwr Co.; 2 transf. Ft. W. tot. 80 kw: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 21 arcs G. E. 4 amps. $65 per yr; moonlt. all nt.
D L 3 ✠ 125

**ARCADIA,** 380 — Arcadia Elec. Lt. Co.; cost $2,500; no bds.
*Pres., Treas. & Mgr.
P. A. Wheland.....................Arcadia
V. Pres. & Sec. C. M. Wheland... "
¶Cont. Agt. H. E. Wheland....... "
Supt. Distrbn. & Ch. Engr.
J. F. Wheland.................. "
1 d. c. Northn. 30 kw. 220 v; d. c. nt. ltg. cir. 220 v; 30 hp. e. (oil) St. Marys.
City cont. 30 incs. 60 w. $18 per yr; moonlt; oil 9 cts.
C G L ✠ ★125

**ARCANUM,** 1,361—Munic. Elec. Lt. & Wtr. Plant; cost $46,000; bds. $48,000.
Pres. Fred Lampe......Arcanum
Board O. S. Simpson.......... "
Dr. P. J. Byers.......... "
*¶Mgr. & Cont. Agt.
C. C. McCool..................... "
Ch. Engr. H. Albright........... "
2 a. c. West. tot. 195 kw. 2200 v. s. ph. 60 cys; 1 rect. West. 50 lt; a. c. day & nt. ltg. & mo. cir. 115 v; 225 hp. e. Bckye, Brnl; 150 hp. b. Brnl.
38 city arcs West. 6.6 amp; 5 incs. series 6.6 amp; moonlt. mdnt; coal $2.65.
D L S 1 ✠ ★125

**ARCHBOLD,** 1,082—Archbold Elec. Lt. & Pwr. Co.; cost $30,000.
Pres. T. S. De Vries.............Archbold
Sec. G. De Vries.................. "
*¶Mgr. R. S. Rodenhuis.......... "
Purchases energy from The Toledo & Ind. R. R. Co.; 2 transf. West tot. 200 kw; 1 mo.-gen. W. E. 40 kw.; a. c. day & nt. ltg. cir. 220 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys; d. c. day & nt. ltg. & mo. cir. 220 v; 60 hp. e. (gas) St. Marys; 160 amp.-hrs. stor. bat. E. S. B. 280 v.
City cont. 25 arcs 600 c. p. 6.6 amp. $53 per yr; moonlt. mdnt.
C D L 3 125

**ARLINGTON,** 798 — Munic. Elec. Lt. Plant. Cost $13,500.
Chm. J. G. Schaaf............... Arlington
Clerk Harry Vail................. "
*¶Supt. Ch. Engr. & Elecn.
A. J. Cluff...................... "
1 a. c. Ft. W. Wood 75 kw. 1150 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. (gas) St. Marys.
23 city arcs a. c. series 450 w. tot. $70 per mo; moonlt. 11 P. M; gas.
G L S 1 75

**ASHLAND,** 7,500—Ashland Gas & Elec. Lt. Co; cap. $71,500.
Pres. & Mgr. L. G. Neely.......St. Marys
Sec. Howard Grabill...............Ashland
Treas. Hobart Scott...............St. Marys
*¶Supt. L. L. Blake ...............Ashland
2 a. c. G. E. tot. 135 kw. 110 & 220 v. 3 ph. 60 cys; 3 d. c. Eddy tot. 160 kw. 110-220 v; 1 d. c. arc. G. E. 150 lt; a. c. day & nt. ltg. cir. 110 & 220 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. ltg. & mo. cir. 110-220 v; 250 hp. e. Erie, Russell; 250 hp. b. Erie, Russell.
City cont. 117 d.c. arcs lumn. 4 amp. $70 per yr; 23 series incs 32 & 60 c. p. moonlt. & all nt; gas.
C D L S 1 3 ✠ ★125

**ASHTABULA,** 18,266—Munic. Elec. Lt. Plant. Office, City Hall; no bds.
*¶Supt. A. B. C. Palmer........City Hall
Supt. Ovhd. Distrbn.
Richard Massena, 18 Baker St.
Engr. Pwr. Sta. Geo. Hamm
287 West St.
3 a.c. G. E. Allis-C. tot. 1612 kw. 2300 v. 3 ph. 60 cys; 3 G. E. rect. tot. 175 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1950 hp. e. Cpr, H. & B., H. O. & R.; 1024 hp. b. Bab. & W, Sterling.
230 city arcs magn. 6.6 amp. & a. c. 4 amp; 50 nitro. lamps 100 w; 45 5-lt. stds. 100 w; all nt; coal $1.175.
D L S 1 3 ★16

**ASHVILLE,** 972—*Ashville Lt. & Pwr. Co.
Mgr. A. D. Newmyer..............Ashville
¶ Pur. Agt. E. R. Newmyer...... "
Ch. Elecn. Fred. Valentine...... "
Purchases energy from Scioto Valley Trac. Co. 27,600 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 102 v. 25 cys; a. c. day & nt. mo. cir. 375 v. 3 ph. 25 cys; d. c. mo. cir. 600 v.
City cont. 40 series arcs 3 cts. per kw; moonlt; 1.15 A. M.
C D L 3 ✠ 11

**ATHENS,** 5,463—The Athens Electric Co.
Pres H. D. Manington.........Columbus
*V. Pres. & Mgr. P. C. Morris, Nelsonville
¶Sec. & Treas. J. B. Poston.......Athens
Cont. Agt. E. Wessel.............. "
Gen. Supt. S. M. Haffey.......... "
Supt. Distrbn. R. M. Stumm..Nelsonville
Energy purchased from The Central Electric Producing Co.; 11,000 v. 3 ph. 60

cys; 3 transf. Pitts. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
City cont. 144 Mazdas 100 c. p. (aver.) $25 per yr. all nt.
D L 3 ✠ §16

**ATTICA,** 719—Munic. Elec.-Lt. Plant; bds. $10,000.
Bd. of Public Affairs { Geo. B. Kowalk.............Attica
G. W. Fink.................. "
H. F. Stegmyer........... "
*Supt. & Engr. Pwr. Sta.
Ross B. Work.................. "
1 a. c. West. 75 kva. 1100 v. 3 ph. 60 cys; 1 arc 25-lt; a. c. day & nt. (11:30 P. M. & 4:30 A. M. to daylt. in winter) 110 v. 60 cys; 80 hp. e. Brnl; 100 hp. b. Brnl.
14 city arcs series and 14 incs. series 6.6 amp. moonlt. 11:30 P. M; coal $2.25.
D L S 1 ★125

**BAINBRIDGE,** 883—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $30,000; bds. $12,000.
Pres. Village Bd.,
W. B. Worley................Bainbridge
V. Pres. W. P. Andrews..... "
Sec. E. L. Bunn................ "
Treas. A. H Free............. "
*Gen. Supt. Geo. Holmes..... "
Engr. Pwr. Sta. Roy McKuhan "
1 a. c. Bull. 75 amp. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 100 v.; 125 hp. e. Erie; 250 hp. b. Erie.
City ltg. 40 series tung. 6 amp. 200 c. p. $22 per yr; moonlt: coal $2.25.
L S 1 25

**BARBERTON,** 9,410—Northern Ohio Trac. & Lt. Co. See Akron.

**BARNESVILLE,** 4,233 — Sunnyside Elec. Co. (Successor to Barnesville Gas & Elec. Lt. Co.) See Wheeling, W. Va.

**BATAVIA,** 1,034—Munic. Elec. Lt. & Water Works; cost $36,000; bds. $26,000.
Pres. Thos. C. Teal.................Batavia
*Sec. Thos. Glancy.................. "
Treas. R. F. Murphy............... "
¶Supt. & Ch. Engr.
Howard H. Duckwall........... "
Engr. Pwr. Sta. John H. Bochmer "
1 a.c. Ft. W. 75 kw. 2000 v. s. ph. 60 cys; a. c. nt. ltg. cir; 100 hp. e. Ridgeway; 200 hp. b. Erie.
46 city arcs Ft. W; moonlt; mdnt: coal $2.55.
L S 1 14

**BEACH CITY,** 671—Gilmore Lt. & Pwr. Co.; cost $10,000.
*Supt. W. D. Gilmore........Beach City
Purchases energy from Northern Ohio Trac. & Lt. Co.; 3 transf. Allis C. tot. 75 kw; a.c. day & nt. ltg. cir. 115 v. 25 cys; a.c day & nt. mo. cir. 115 v. 3 ph. 25 cys.
City cont. 24 Mazdas 100 w. $33 per yr; moonlt. (Co. lts. Beach City and surrounding country, Wilmot and Mt. Eaton.)
D L 3 ✠ 25

**BEDFORD,** 1,783—The Cleveland Elec. Illg. Co. See Cleveland.
a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230-460 v. s. & 3 ph. 60 cys.
City cont. 19 arcs $51.96 per yr. and 40 tung. 75 & 100 w. $18.96 and $21.48 per yr. 3760 hrs.
D L 1 3 ✠ 85

**BELLAIRE,** 12,946 — Wheeling Elec. Co. For executive officers see Wheeling, W. Va.
Local Supt. E. L. Booth..........Bellaire
3 rect. G. E. 225 lts; trans. volt. 33,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 186 magn. 4 amp. $63 per yr; 34 incs. 32 c. p. $15 per yr; all nt.
D L 3 26

**BELLE CENTER,** 889—Munic. Elec. Lt. Plant.
Pres. Bd. L. M. Richard......Belle Center
*Sec. John E. Howell........ "
Treas. E. W. Ramsey.......... "
Ch. Engr. O. E. Wickiser.... "
1 a. c. Warren 60 kw. 220 v. s. ph. 133 cys; a.c. nt. ltg. cir. 220 v. 60 cys: 85 hp. e. Erie; 160 hp. b. Erie.
Moonlt; coal $1.10.
L S 1 ★125

**BELLEFONTAINE,** 8,238—*Munic. Elec. Lt. Plant; cost $50,000; bds. $65,000. (Controlled by Board of Public Service.)
Pres. Board of Pub. Service,
Sidney Nichols............Bellefontaine
Ch. Engrs. J. J. Wagnor &
A. Anderson.................. "
Asst. Supt. & Ch. Elecn.
M. D. Ehrhart............ "
2 a. c. Ft. W. 160 kw. 2300-110 v. 3 ph. 60 cys; a. c. day cir. 2300 v; pwr. cir. 220 v; 450 hp. e. (oil.) Amer., Diesel.
155 city arcs. — c. p; 35 city incs. 1200 c. p. $48 per yr; 1200 com. incs. 16 c. p. $6 per yr. moonlt; oil 2¼ cts.
D G L 3 14w

**BELLEVUE,** 5,209—Lake Shore Elec. Ry. Co. See Cleveland.

**BELLVILLE,** 1,056—Guinsler Elec. Lt. & Pwr. Co. See Junction City.
1 a. c. Ft. W. 50 kw. 1000 v. s. ph. 140 cys; a. c. nt. ltg. cir. 100 v. 140 cys; 40 hp. e. (gas) St. Mary's.
City cont. 22 Mazdas 150 w. $40 per yr: moonlt; mdnt; nat. gas 25 cts. per M.
G L 1 ✠ 74

**BEREA,** 2,609—Munic. Water Wks. & Elec. Lt. Plant; cost $45,517.80; bds. $20,500.
Pres. Bd. M. A. Sprague............Berea
*¶ Clerk, O. R. Stone.............. "
Ch. Engr. & Ch. Elecn. F. M. Dorland "
3 a. c. Ft. W. 480 kw. 2200 v. 3 ph. 60 ys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. s. ph. 60 cys; 550 hp. e. Bckye; 375 hp. b. Atlas, Connelly.
6 city arcs; 250 city Mazdas 60 c. p; moonlt; all nt; coal $1.90.
D L S 1 3 23

**BETHEL,** 1,201—Munic. Elec. Lt. Plant; cost $8,000.
Pres. Bd. P. A. Pathe, Jr.............Bethel
*¶ Sec. D. R. South................. "
Engr. Pwr. Sta. E. Stansberry...... "
1 a. c. Westg. 75 kw. 2200 v. s. ph. 60 cys; 100 hp. mo. gen. West.; purchases energy for operating mo. gen. from Cincinnati, Georgetown & Portsmouth R. R. Co.
38 city Mazdas 250 c. p; moonlt.
L 1 25

**BEVERLY,** 720—Beverly Elec. Lt. Co.; (Owned and controlled by Kanawha Trac. & Elec. Co.)
*Supt. D. L. Ernest................Beverly
Engrs. Pwr. Sta. { L. P. Adair........... "
E. H. Ernest.......... "
1 a. c. Westg. 75 kva. 2400 v. 3 ph. 60 cys; 1 d. c. G. E. 250 amp. 500 v; 1 rect. West. 25 lt; a. c. day & nt. ltg. cir. 110 v; 50 hp. e. (gas) Columbus; 171 hp. wtr. whl. Lef.
City cont. 22 series arcs 6.6 amp $40 per yr; moonlt. all nt; gas 20 cts. (Co. also lts. Waterford.)
C D G L W 3 ✠ 125

**BLANCHESTER,** 1,813—Munic. Elec. Lt. Plant; cost $39,000; bds. $29,000.
Pres. H. M. Hall...............Blanchester
Sec. H. E. Katzenmeyer........ "
*¶ Mgr. & Ch. Elecn.
A. E. Doughfman........... "
Engrs. Pwr. Sta. { James Cook.. "
M. T. Fox.... "

1 a. c. G. E. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 125 hp. e. Greenwald; 150 hp. b. Reeves.

18 city arcs A. B; 50 series tung. 80 w; 36 Gem 125 w; moonlt; coal \$2.08½.

D L S 3 ✠ 25

**BLOOMDALE,** 602—Bloomdale Elec. Lt. Co.

*¶ Mgr. E. C. Stacy............Bloomdale
Ch. Elecn. Wm. H. Cramer.... "

1 d. c. Natl. 110 v; no day cir; 65 hp. e. Erie; 100 hp. b.

City cont. 2 arcs; 40 incs. 40 c. p. \$28.80 per yr; moonlt. mdnt; coal \$60 per mo.

C L S ✠ 125

**BLOOMVILLE,** 754—Bloomville Lt. & Htg. Co.; cap. \$10,000.

Pres. J. E. Sheak...............Bloomville
V. Pres. F. J. Gillam.......... "
*Sec. & Mgr. Verle R. Rhoad.. "
Treas. D. W. Fellers.......... "
Engr. Pwr. Sta. W. P. Seiple.. "

1 d.c. C.-W. 55 kw. 220 v; no day cir; 100 hp. e. Atlas; 165 hp. b. Ault. & T.

City cont. 48 tung. 100 w. mdnt; coal \$2.10.

C L S ✠ 125

**BLUFFTON,** 1,953—Munic. Elec. Lt. & Wtr. Plant; cost \$55,000.

Pres. of Bd. D. S. Flick...........Bluffton
Sec. & Treas. D. W. Bixler ..... "
*Gen. Supt. Cyrus Schumacher .. "
Ch. Engr. Wilbur Winkler. "

2 d. c. Tri. tot. 140 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 225 hp. e. Erie, C. & T; 235 hp. b. Adams, Brnl.

200 incs. 5.5 amp. 80 c. p., 100 incs. 110 v. 150 w. and 75 incs. 50 w. 5.5 amp. tot. \$600 per yr; moonlt; coal \$2.75.

C D L S 75

**BOWLING GREEN,** 5,222—The Lake Erie, Bowling Green & Napoleon Ry. Co.; cap. \$630,400; bds. \$283,500.

¶Receiver Sec. & Treas.
C. G. Taylor.............Bowling Green
*Mgr. H. D. McKnight.... " "
Audr. R. H. Lindsey..... " "

2 a. c. G. E. tot. 700 kva. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. West. tot. 550 kw. 600 v; 2 rect. tot. 100 lt; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 120-240 v. 3 ph. 60 cys; 1200 hp. e. Cpr, Rus; 600 hp. b. Brnl.

City cont. 104 arcs magn. 4 amp. 100 c.p. \$70 per yr; all nt; coal \$2.10. (Also lts. Tontogany.)

C D R S 3 25

**BRADFORD,** 1,844—Bradford & Gettysburg Elec. Lt. & Pwr. Co.; cap. \$25,000.

Pres. Robert S. Ashe......Richmond.Ind.
Sec. & Treas. Gordon E. Varney,
Indianapolis,Ind.
*¶Mgr. Claude C. Smith........ Bradford

Purchases energy from Greenville Elec. Lt. & Pwr. Co.; transmn. volt. 13,200 v. s. ph. cys; 1 transf. G. E. 75 kw; 1 a. c. Ft. W. 75 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; day & nt. mo. cir. 230 v. s. ph. 60 cys.

City cont. 100 "C" tung. 100 c. p. \$48 per yr; all nt. (Co. also lts. Gettysburg and Pittsburgh.)

D L 1 ✠ 25

**BRADNER,** 890 — Munic. Elec. Lt. Plant; cost \$16,000.

Pres. of Bd. Wm. Heckert.......Bradner
V. Pres. Ira Chronister........... "
Sec. J. C. Phister................. "
*Supt. & Engr. Pwr. Sta.
W. B. McCormick............... "

1 a. c. Warren, 75 kw. 2200 v. s. ph. 60 cys; no day cir; 150 hp. e. Rus; 160 hp. b. Penn.

36 W. E. city arcs, 6.6 amp. \$40 per yr; moonlt; coal \$2.50. (Also lts. Rising Sun.)

L S 1 25

**BRIDGEPORT,** 3,974—Wheeling Elec. Co. See Wheeling, W. Va.

**BROOKVILLE,** 1,187—The Brookville-Lewisburg Lt. Co. See Lewisburg.

City cont. 46 Mazdas.

L 85

**BRYAN,** 3,641—Munic. Elec. Lt. & Wtr. Plant; cost \$60,000; bds. \$80,000.

Pres. J. Beach.....................Bryan
Sec. J. Neal......................... "
*¶Supt. & Engr. Pwr. Sta.
S. E. Folk......................... "

3 a.c. Allis-C, West. tot. 675 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 900 hp. e. (oil) Am. Diesel, Atlas Lyons.

75 city arcs 504 w. \$27 per yr; moonlt; all nt; oil \$3.75 per 100 gal.

D G L 2 94E

**BUCHTEL,** 1,180—The Hocking Pwr. Co. See Nelsonville.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 ✠ 16

**BUCKLAND,** 304—Munic. Elec. Lt. Plant.

Vil. Pres. J. E. Wheeler.......Buckland
*Sec. E. M. Decker.............. "
Treas. H. E. Graessle............ "
Engr. Pwr. Sta. Ralph Bruner... "

1 a. c. 250 kw. 110 v; a. c. nt. ltg. cir. 110 v; 19 hp. e. (gas) St. Marys.

17 city Tung. 60 kw. \$19.50 per yr; 250 tung. 40 kw; all nt; gasolene 17 cts. (Contemplates installing stor. bat. for day & nt. service.)

G L X ★125

**BUCYRUS,** 8,122—The Bucyrus Lt. & Pwr. Co. Office, So Sandusky Ave. (Controlled by The National Gas, Elec. Lt. & Pwr. Co., Detroit, Mich.); cap. outstdg. \$250,000; bds. \$158,000, 6 p. c. int.

Pres. Jas. T. Lynn
1714 Ford Bldg., Detroit. Mich.
V. Pres. P. J. Carroll.............Bucyrus
Sec. & Treas.
Victor N. Gurney..........Detroit, Mich.
*Mgr. A. G. Moser................Bucyrus
Audr. M. H. Gascoigne....Detroit, Mich.
¶Pur. Agt. A. L. Wilkinson "
Supt. Ovhd. Distrbn.
A. C. McNeal....................Bucyrus
Ch. Engr. Pwr. Sta. Geo. R. Fox "

6 a. c. G. E. tot. 700 kva. 2300 v. 3 ph. 60 cys; 3 rect. G. E. tot. 150 lt; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; 500 hp. e. (gas) Hall Gas Eng. Co; 275 hp. e. Ball; 225 hp. b. Bab. & W. Stir.

City cont. 150 G. E. magn. arcs 4 amp. \$74.50 per yr. all nt; coal \$2.15.

D G L S 3 ✠ ★125

**BURTON,** 650 — Elec. Lt. Plant; cost \$5,000.

*¶Owner & Mgr. E. C. Bliss...... Burton

3 d. c. West, Akron, Peerless, tot. 40 kw. 125 v; d. c. nt. ltg. cir. 200 amp. 115 v; 85 hp. e. Erie, St. L; 90 hp. b. Erie.

City cont. 67 incs. 50 & 100 w. \$6 & \$18 per yr. 11 P.M; coal \$3.05.

C L S ✠ 125

**BUTLER,** 730—Munic. Elec. Lt. Plant; cost \$5,000 (approx.)

Pres. Bd. R. S. Hubbs..............Butler
Sec. H. M. Swank................. "
Treas. D. H. Leedy................ "
*Mgr. Wm. Andrews.............. "
¶Pur. Agt. Board of Pub. Affairs.. "

1 a. c. Warren 60 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. & mo. cir. 110 v; 100 hp. e. (gas) Foos.

25 city arcs G. E; moonlt. midnt; gas 25 cts.

G L 1 ✠ ★125

**BYESVILLE,** 3,156—The Ohio Service Co. See Cambridge.

**CADIZ,** 1,971—Cadiz Elec. Lt. & Pwr. Co.; cap. $20,000; no bds.
Pres. W. T. Wood..................Cadiz
V. Pres. J. D. Mills.................. "
*Sec. & Mgr. Robt. Wood.......... "
Treas. J.M. Sharon.................. "
Ch. Engr. J. M. Grove................ "
Ch. Elecn. N. A. Chaney............ "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 1 rect. 50 lt. 4 amp; a. c. nt. ltg. cir. 110 v; 165 hp. e. (gas) Foos.

City cont. 41 arcs 4 amp. $75 per yr; 28 series tung. 100 w. $27.50 per yr; moonlt; gas 25 cts. per M.

G L 3 ✢ 125

**CALDWELL,** 1,430—Munic. Elec. Lt. & Wtr. Works Plant. (Managed by Bd. of Trustees.)
Pres. of Bd. Joe H. Ryan........Caldwell
V. Pres. W. H. Richcriek....... "
Sec. Miss Mable Carter.......... "
*Treas. Harry Smith............ "
Engr. Pwr. Sta. L. McElroy..... "

1 d. c. arc, Ft. W. 40 lt; 1 a.c. Ft. W. 1000-100 v. s. ph. 133 cys; no day cir; 150 hp. e. (gas) Bruce McB.

54 city arcs and 600 incs; dark hours; gas.

L S 1 25

**CALEDONIA,** 562—The C. D. Resler Elec. Lt. & Pwr. Co. Inc; cap. $3,500.
Pres. J. K. Rogers..............Caledonia
V. Pres. John Hanley..............Marion
*¶Sec. & Mgr. C. E. Kelley.... Caledonia
Treas. E. S. Geddis............ "
Ch. Engr. John L. Dice......... "

1 a. c. Warren 60 kw. 2200 v. 133 cys; a. c. nt. ltg. cir. 220 v; 75 hp. e. Mansfield; 120 hp. b. Erie.

City cont. 16 arcs 1200 c. p. (or 4 Mazdas series 80 c. p.) tot. $1050 per yr; 7 incs. 32 c. p. $15 per yr; moonlt; coal.

L S X ★125

**CAMBRIDGE,** 15,000—The Ohio Service Co. (Purchased the property of the County Elec. Co. (New Philadelphia), The New Midland Pwr. & Trac. Co. (Cambridge), The Twin City Trac. Co. (Dennison), The Lafayette Lt. & Pwr. Co. (W. Lafayette), The Coshocton Lt. & Htg. Co. and the Strasburg Elec. Co.) (Controlled by United Service Co., Scranton, Pa.); cap. outstg. $672,700; notes $1,009,000.
Pres. Thos. R. Brooks......Scranton, Pa.
V. Pres. F. E. Pomerene.......Coshocton
Sec. Treas. & Gen. Mgr.
L. H. Conklin..............Scranton, Pa.
Local Mgr. C. H. Howell......Coshocton
Gen. Supt. Howard Walker....Cambridge

3 a. c. G. E. tot. 700 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Ft. W. tot. 600 kw. 550 v; 2 arc Wood tot. 200 lt.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-2300-4400 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 1600 hp. e. Rus; 1200 hp. b. Relwin; 35-ton ice plant; equipt. held in reserve; receives energy from Coshocton, trans. volt. 33,000 v; 3 transf. West. tot. 1200 kw; 2 mo-gen. G. E. tot. 500 kw.

City cont. 199 arcs. 2000 c. p. $65 per yr; 14 inc. 100 c. p. $33 per yr; all nt; coal $1.22½. (Co. distributes in Byersville, Cambridge, Canal, Dover, Coshocton, Dennison, Newcomerstown, New Philadelphia, Roscoe, Strasburg, Uhrichsville and W. Lafayette.)

C D I R S 3 ★36

**CAMDEN,** 899 — Camden Elec. Lt. & Milling Co.; cap. $25,000; bds. $10,000.
Owner & Mgr. P. Morris........Camden

2 d. c. W. E. 35 kw. 125 v; d. c. nt. ltg. cir. 110 v; 80 hp. e; 80 hp.b; 40 hp. turb. (wtr.)

City cont. 55 tung. 60 w $20 per yr; all nt; coal $2.15.

C L S W ✢ 28

**CANAL DOVER,** 6,621—Munic. Elec. Lt. & Pwr. Plant.
Sec. H. H. Prince............Canal Dover
*Supt. of Meter Dept.
H. H. Keppler.............. "
Engrs. Pwr. Sta.
Ch. Fred. Wather "
L. B. Davis...... "
R. Winckler..... "

2 a. c. C. W. West. tot. 202.4 kva. 2,300 v. 3 ph. 60 cys; 4 rect. West, G. E., tot. 200 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 600 hp. e. (gas) B. & Mac.

157 city arcs West. $45.54 per yr; gas 27 cts.

D G L 1 3 ★16

The Ohio Service Co. See New Philadelphia.

**CANTON,** 50,217—Canton Elec. Co. (Controlled by the American Gas & Elec. Co., 30 Church St., New York, N. Y.); cap. $2,500,000.
Pres. R. E. Breed
30 Church St., New York, N.Y.
V. Prests.
G. N. Tidd........ "
Gen. Mgr.
F. H. Golding......Canton
Sec. & Treas.
Frank B. Ball.........New York, N. Y.
Engr. Pwr. Sta. A. L. Platt.......Canton

7 a. c. G. E. Allis C. Northn. tot. 25,800 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E, Bull, West. tot. 1440 kw. 230-115 v; 9 arc Brush tot. 1125 lts; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 230-2300 v; d. c. mo. cir. 230 v; 8000 kw. e. Allis-C, Rus. Weth; 5000 kw. (stm.) turb. G. E, Allis-C; 6600 hp. b. Edge, Heine, Bab. & W; also stm. htg.

City cont. 800 arcs 460 w. $60 & $41.50 per yr; all nt; moonlt; coal $1.75. (Co. also lts. Louisville, New Berlin and Osnaburg).

C D H L S 3 ✢ ★26

*Northern Ohio Trac. & Lt. Co. See Akron.

**CARDINGTON,** 1,349 — *Cardington Elec. Lt., Ht. & Pwr. Co.; cap. $12,000.
Pres. W. P. Vaughn..........Cardington
V. Pres. M. C. Schambs....... "
¶ Sec. Mgr. & Ch. Elecn.
Geo. M. Schambs............ "
Treas. J. W. Glanner..........Mt. Gilead

1 a. c. Ft. W. 100 kw. 1150 v. 3 ph. 60 cys; 1 d. c. arc Wood 50 lt; a. c. nt. ltg. cir. 110 v; 125 hp. e. Brnl; 100 hp.b. Brnl.

City cont. 32 arcs 450 w. $62.50 per yr. 12 incs. 32 c. p. $15 per yr; 12.30 A. M; coal $2.45.

L S 3 23

**CAREY,** 2,225—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $70,000; bds. $8,000.
Pres. Bd. L. G. Ranger..............Carey
V. Pres. H. A. Kear................ "
*Sec. C. N. Crosby.................. "
Treas. D. C. Henry.................. "
Engr. Pwr. Sta. M. C. Reynolds.... "

2 a. c. Ft. W. tot. 200 kw. 1100 v. s. ph. 140 cys; 1 arc Ft. Wayne 60 lt; 325 hp. e. Skinr, Russell; 285 hp. b. Brnl.

— incs. series 6.6 amp; moonlt; coal $2.35.

L S 1 75

**CARROLLTON,** 1,730 — Carrollton Elecl. Co.; cap. $15,000.
Pres. C. A. Tope................Carrollton
V. Pres. Geo. J. Butler......... "
Sec. W. O. De Ford............ "
*Treas. & Gen. Mgr. J. C. Ferrall "
¶ Supt. & Ch. Elecn. E. L. Swann "

2 a. c. G. E, West. tot. 180 kw. 125 cys; nt. ltg. cir; 330 hp. e. Rus; 250 hp. b. Erie, Rus.

City cont. 34 arcs 450 c. p. $65 per yr; 16 Tung. 100 w. $10 per yr; moonlt; all nt; coal $1.70.

L S 1 125

**CEDARVILLE,** 1,059 — The Dayton Pwr. & Lt. Co. (Wtr. pwr. plant at Clifton and stm. aux. in Cedarville). See Dayton.

2 a. c. W. E, West. tot. 130 kw. 2300-110 v. s. ph. 60 cys; no day cir; 90 hp. e. Brnl; 200 hp. b. Brnl; 100 hp. turb. (wtr.) Lef.

City cont. 27 arcs 450 w. $70 per yr; moonlt; all nt. (Also lts. Clifton and sells energy to Town of Yellow Springs.)

L S W 1 ✣ 35

**CELINA,** 3,493—Munic. Elec. Lt. & Wtr. Plant; bds. $87,000.

Bd. Pub. Wks. C. H. Gray.............Celina
F. A. Weis.............. "
J. F. McGee........... "
*Clerk, Geo. A. Petrie.............. "
¶ Supt. C. W. Howard.............. "

2 a. c. West, Ft. W. tot. 295 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir; 450 hp. e Skinr, Rus; 450 hp. b. Erie; also stm. htg.

80 city arcs $40 per yr; incs. 6 to 10 cts. per kw; coal.

D H L S 1 125

**CHAGRIN FALLS,** 1,931 — Chagrin Falls Elec. Co.; cap. $10,000.

*Mgr. & Ch. Elecn. T. R. Walters
Chagrin Falls
Engr. Pwr. Sta. Martin Covert "

2 a. c. Ft. W. tot. 185 kw. 1100 v. 3 ph. 60 cys; 1 arc Brush 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 1100-220 v. 3 ph. 60 cys; 200 hp. e. Sknr, Ball, Erie; 200 hp. b. Erie.

City cont. 39 arcs A. B. 6.8 amp. $60 per yr. 11.30 P. M; coal $1.90.

D L S 3 ✣ 125

**CHARDON,** 1,542 — Munic. Elec. Lt. Wks.; cost $16,000; bds. $3,500.

Pres. S. S. Smith..................Chardon
V. Pres. F. F. Chapman......... "
Sec. G. L. Chapman.............. "
Treas. C. R. Truman............. "
*Mgr. & Ch. Elecn. F. F. Sampson "
Ch. Engr. S. S. Hazen........... "
Asst. Engr. Ed. Thomson......... "

2 a. c. Warren, G. E. tot. 90 kw. 1100 v. s. ph. 133 cys; 1 arc W. E. 90 lt; a. c. nt. ltg. cir. 110 v; 200 hp. e. Allis-C, Erie, Ball; 250 hp. b. Erie, Penn.

40 city arcs A. B. 6.6 amp. & 100 incs. 60 w. tot. $1800 per yr. moonlt. all nt; coal $2.30.

L S 1 125

**CHICAGO JUNCTION,** 2,950—Munic. Elec. Lt. & Wtr. Wks; cost $40,000.

Pres. R. F. Motson.............. Chicago
V. Pres. C. D. Trunner.......... Junction
Sec. E. K. McMorris............. "
Treas. E. E. Swerance............ "
*¶Mgr. Ch. Engr. & Elecn.
R. D. Smith...................... "

2 a.c. G. E. 300 kw 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 215 hp. e. Ridgway; 250 hp. b. Brnl.

49 city arcs, 1200 c. p., $50 per yr; 4 com. arcs 1200 c.p. $48 per yr; 4000 com. incs. 16 c. p., 10 cts. per kw; all nt; coal $2.05.

D L S 1 ✣ 35†

**CHILLICOTHE,** 14,508 — The Chillicothe Elec. R. R., Lt. & Pwr. Co. (Controlled by Ohio & Western Utilities Co. and operated by National Utilities Co., Boston, Mass.); cap. $100,000; bds. $75,000, 6 p. c. int.

Pres. Geo. A. Vaughters......Chillicothe
V. Pres. John P. Phillips..... "
Sec. & Treas. Lawrence M. Symmes,
115 Broadway, New York, N. Y.
Mgr. F. K. Sexauer............Chillicothe
¶Audr. Harry B. Ivers
158 Summer St., Boston, Mass.
Engr. Pwr. Sta.
Chas. Waymier...............Chillicothe

3 a. c. G. E. tot. 820 kw. 2080 v. s. ph. 125 cys; 2 d. c. G. E. tot. 600 kw. 500 v; a. c. day & nt. ltg. cir. 104 v; d. c. mo. cir. 500 v; 1500 hp. e. Ham, Cor; 750 hp. b. Erie.

City cont. 218 magn. arcs 320 w. $70 per yr; 91 tung. 75 w. $24 per yr; all nt; coal $1.25.

C D R S 1 16

**CINCINNATI,** 363,591—The Union Gas & Elec. Co. Office, 4th & Plum Sts. (Operates under lease property of The Cincinnati Gas & Elec. Co.) (Controlled by the Columbia Gas & Elec. Co); cap. $15,000,000.

Pres. W. W. Freeman.........Cincinnati
V. Pres. W. Y. Cartwright.... "
Sec. & Treas. T. F. Wickham.. "
Cont. Agt. H. J. Hoover....... "
¶Pur. Agt. C. Bauer........... "
Supt. Distribn. F. R. Healy.... "
Supt. Pwr. F. R. Brosius,
Plum & Charles Sts., "
Elec'l Engr. C. W. DeForest... "

7 a. c. G. E, Bull, West. tot 18,110 kw. 4500 v. 3 ph. 60 cys; 13 d. c. Bull, G. E. tot. 11,100 kw. 150 & 300 v; 115 rect. G. E. tot. 8850 lts; a. c. & d. c. day & nt. ltg. cir. 117 v; a. c. & d. c. day & nt. mo. cir. 234 v; 16,700 kw. e. Allis-C, McI. & S; 12,500 kw. stm. turb. G. E, West; 15,625 hp. b. Stir, Bab. & W, Edge; 13,000 amp. hr. stor. bat. 125 v. E. S. B.

City cont. 6500 arcs magn. 4 amp. $55 per yr; 625 tung. 75 w. $13 per yr; 3914 hrs; coal $2.25. (Also lts. Carthage, Wyoming, Glendale, Mt. Washington & Elmwood.)

C D L S 3 ✣ ★125

**CIRCLEVILLE,** 6,741—The Circleville Lt. & Pwr. Co. (Controlled and operated by the National Utilities Co., Boston, Mass.); cap. outstg. $70,000; bds. $70,000.

Pres. Dr. Howard Jones,......Circleville
V. Pres. F. C. Hubbard........Columbus
Sec. & Treas. Hildeburn Jones. Circleville
Mgr. Chas. F. Gilmore......... "
Engr. Pwr. Sta. J. B. Wilkens. "

1 a. c. G. E. 175 kw. 2300 v. 3 ph. 60 cys; 3 arcs Ft. W. tot. 225 lt; 8 d. c. G. E. tot. 350 kw. 110 v; a.c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. mo. cir. 220 v; 450 hp. e. Ham, Cor, Ball; 450 hp. b. Bab. & W, Stir.

City cont. 140 G. E. magn. arcs 4 amp. $63 per yr; moonlt; coal $2.10.

C D L S 3 ✣ ★16

**CLEVELAND,** 560,663—Munic. Electric Lt. Plant; generating sta. foot of E. 53d St., Cleveland.

Dir. Pub. Utilities,
Thomas Farrell..................Cleveland
¶Comr. Pur. & Supplies, A. R. Callow,
Rm. 511, City Hall, Cleveland
Comr. & Ch. Engr. W. E. Davis "

3 a. c. turbo-gen. Allis-C. tot. 15,000 kw. 11,000 v. 3 ph. 60 cys; 18 rect. G. E. West. tot. 640 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 440-220-115 v. s. 2 & 3 ph. 60 cys; 1000 hp. b. Bab. & W.

1535 city arcs (950 a. c. series & 585 d. c. series) $51.96 per yr; all nt; slack $2.10; coal $2 40.

D L S 1 2 3 16

The Cleveland Electric Illuminating Co., 711 Cuyahoga Bldg. (Controlled by Central States Elec. Corpn.); cap. outstanding $10,564,000; bds. $7,200,000.

Pres. Samuel Scovil.............Cleveland
V. Pres. & Gen. Mgr.
Robt. Lindsay.................. “
*Sec. S. C. D. Johns............. “
Treas. Chas. W. Mills........... “
Cont. Agt. M. E. Turner......... “
¶ Pur. Agt. W. H. Hartman..... “
Engrs. J. Wolff............. “
Pwr. Sta. F. S. Lewis.......... “

15 a. c. West, G. E. tot. 107,400 kw. 2300-11,000 v. 3 ph. 60 cys; 5 d.c. G.E. tot. 11,500 kw. 250 v; 86 d. c. rect. Brush, West, G. E. tot. 2000 kw; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-460 v; d.c. day & nt. mo. cir. 250 v; 15,700 hp. e. McI. & S; 120,000 hp. stm. turb. G. E; 36,114 hp. b. Stir; 1450 amp. hrs. stor. bat. E. S. B; also stm. htg.

City cont. 4,808 arcs magn. Brush 320-480 w. $49.80 per yr; all nt; coal $1.70 (aver.) (Co. does ltg. in Cleveland, E. Cleveland, East View, Lakewood, Euclid, Cleveland Heights, Newburg Heights, Newburg, Bratenahl, Nottingham, Idlewood, Rockport, Shaker Heights, So. Newburg, Warrensville, Bedford, Mayfield, West Park and Brooklyn.)

C D H L S 3 95

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Cleveland Lt. & Pwr. Co. Office, 8 St. Claire Ave., N. W.; cap. $250,000; no bds.
Pres. C. V. Hard...............Cleveland
V. Pres. A. G. Tame............ “
¶ Treas. D. J. Hard............ “
*Ch. Engr. Fred C. Lyerle...... “
Ch. Elecn. Leo E. Fox ......... “

4 d.c. C-W. tot. 800 kw. 250 v; d. c. day & nt. cir. 115 v: 1250 hp. e. Ham, Cor; 1200 hp. b. Heine; also stm. htg.

Coal.

C D H L S ★125

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Continental Gas & Elec. Corporation. Office, Cuyahoga Bldg. (Controls the Nebraska Ltg. Co. (Plattsmouth, Neb.), York (Neb.) Gas &Elec. Co., Avoca (Ia.) Elec. Lt. & Pwr. Co., Red Oak (Ia.) Elec. Co., Cass County Lt. & Pwr. Co. (Griswold, Ia.), Shenandoah (Ia.) Artificial Ice, Pwr., Ht. & Lt. Co., Malvern (Ia.) Lt. & Pwr. Co., Iowa Gas & Elec. Co. (Missouri Valley, Ia.), The Aurora (Neb.) Elec. Co., Nebraska Gas & Elec. Co. (Norfolk), Stromsburg (Nebr.) Elec. Lt., Ht. & Pwr. Co. and Dunlap (Ia.) Elec. Co.; cap. outstg. $2,077,000; bds. $1,590,800.
Pres. C. S. Eaton...............Cleveland
V. Pres. W. H. Abbott.......... “
Sec. Geo. W. York.............. “
Treas. Geo. A. Coulton......... “
Asst. Sec. H. B. Abels......... “
*Asst. Treas. George H. Harper. “
Audr. B. J. Olsen.............. “
¶ Mgrs. & Cont Agts.
Abbott & Eaton................ “

★26

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Lake Shore Elec. Ry. Co. Office, Electric Bldg. Purchased the Bellevue Illg. & Pwr. Co. and controls the People's Lt. & Pwr. Co.)
Pres. E. W. Moore..............Cleveland
V. Prests. W. H. Price......... “
¶ Gen. Mgr.
F. W. Coen......Sandusky
*Sec. & Treas. J. P. Witt......Cleveland
Gen. Supt. L. K. Burge........Sandusky

9 a. c. G. E, Westg. tot. 7800 kw. 3 ph. 25 cys; 5700 hp. e. Cpr, Westg; 6950 hp. b. Stir, Bab. & W; 4000 kw. stm. turb. Westg; trans. volt. 18,000 v. (Co. lts. Bellevue. and Vermilion, Bay Village, Berlin Heights and Castalia through the People's Lt. & Pwr. Co.; sells energy in bulk to city of Milan.)

L R S 3 75

***CLIFTON**, 239—The Dayton Pwr. & Lt. Co. See Cedarville.

**CLYDE**, 2,815—Munic. Elec. Lt. Plant; cost $12,500; bds. $10,000.
¶ Bd. of Public Affairs Pres. Frank Sutch..Clyde
Clerk, H. B. Dirlam. “
Treas. Albert Wott.. “
*Gen. Supt. & Ch. Engr.
J. F. McIntosh................. “
Ch. Elecn. J. W. Eisenhard.......... “
Engrs. Pwr. Sta. Harvey Kyce............ “
Ed. Berie................ “
John Cook............. “

2 a. c. Ft. W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 360 hp. e. Chuse; 400 hp. b. Mc-Naul, Brnl.

350 city Tung. 100 w. $11.50 per yr; all nt; coal $2.65.

D L S 3 ✠ 75

**COALTON**, 1,111—See Wellston.

**COLDWATER**, 627 — The Coldwater Ltg. Co; cap. $10,000.
*¶Pres. & Mgr. F. M. Conrad..Coldwater
V. Pres. S. L. Clay..............St. Marys
Sec. & Treas. E. J. Conrad.....Coldwater
Supt. Frank M. Conrad......... “

Trans. volt. 2200 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440 v. s. & 3 ph. 60 cys.

City cont. 40 tung. series, 60 & 80 c. p. $30 & $35; all nt.

D L S 1 3 ✠ 75

**COLUMBIANA**, 1,582 — Columbiana Lt. & Wtr. Wks.; cap. $40,000.
Pres. Nelson Kyser..........Columbiana
Sec. N. O. Wallace........... “
*¶ Mgr. & Cont. Agt.
Paul G. Gleckler.......... “
Engr. Pwr. Sta. J. C. Moore. “
Asst. Engr. Pwr. Sta.
L. C. Turnbull............. “

2 a. c. West. tot. 190 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 300 hp. e. Rus, Enterprise; 300 hp. b. Atlas. Penna.

57 city arcs West. 2000 c. p. tot. $2,000 per yr. moonlt; coal $1.60.

L S 3 16

**COLUMBUS**, 200,000 (est.)—The Columbus Ry., Pwr. & Lt. Co. Office 14-16 No. High St.; cap. $11,496,371; bds. $8,534,000.
Pres. Samuel G. McMeen
1001 Wyandotte Bldg., Columbus
V. Prests. Treas. & Gen. Mgr.
E. K. Stewart.... “
C. M. Clark.........Phila., Pa.
Sec. & Audr. P.V. Burington..Columbus
Asst. Sec. & Asst. Audr.
Herbert M. Burington. “
*Gen. Supt. Harold W. Clapp.. “
Asst. Gen. Supt.
W. C. Campbell.............. “
¶Pur. Agt. W. V. C. Bulkeley.. “
Mgr. New Bus. W. A. Wolls.
102 No. 3rd St., “
Supt. of Pwr. R. J. Feather.... “
Supt. Lines, B. L. Chase......... “
Supt. Distrbn. & Meter Dept.
W. O. Jones.................. “
Power Stations:

Spring St.: 4 a. c. — tot. 11,000 kw. 4150 v. 3 ph. 60 cys; 4 d. c. — tot. 3350 kw. 575 v; 6900 hp. b. ——.

Gay St.: 4 d. c. — tot. 2360 kw. 250 v; 1000 amp. hr. stor. bat. E. S. B. 250 v; 1600 amp. hr. stor. bat. E. S. B. 575 v; 1771 hp. b. ——.

Mound & Central Ave.: 2 d. c. — tot. 650 kw. 575 v; 900 hp. b. ——.

Mound & 17th St.: 4 a. c. — tot. 2100 kw. 4150 v. 3 ph. 60 cys; 2082 hp. b. Bull B. & W.

McMillen Ave.: 1 d. c. — 250 kw. 575 v; 700 hp. b. ——.

a. c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230-4150 v. 3 ph. 60 cys; d. c. ltg. cir. 250 v; d. c. ry. 575 v; stm. htg.

(Co. does general ltg. & pwr. business in Columbus and surrounding territory, including Arlington, Bexly, Westerville and Grove City.)
C D H R S 3 ✣ ★16

Munic. Elec. Lt. Plant.
Dir. of Public Service
Geo. A. Borden..............Columbus
*¶ Supt. H. E. Eichhorn....... "
Engr. Pwr. Sta. John Bohlander "

5 a. c. Allis C, Westg. turbo gen. tot. 4200 kw. 2200 v. 2 ph. 60 cys; trans. 6600-2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440-220 v. 2 & 3 ph. 60 cys; 1800 hp. b. Bab. & W.

2648 city arcs; 1235 cluster standards (1205 5-lt. & 30 1-lt.) 100 w. & 250 w; 300 series tung; all nt; coal $1.4636.
D L S 2 3 ✣ 75a

**COLUMBUS GROVE,** 1,802 — Munic. Elec. Lt. & Wtr. Wks. Plant; cost $15,000.
Pres. Bd. H. F. Light....Columbus Grove
*V. Pres. H. R. Day..... " "
Sec. J. H. Eversole...... " "
Treas. M. D. Long...... " "
Supt. Earl Anderson... " "
Engrs. Carl Fruchey.. " "
Pwr. Sta. L. E. Mullen.... " "

2 a. c. Ft. W. tot. 300 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day mo. cir. 1150 v. 3 ph. 60 cys; 325 hp. e. Bckye, Chuse, Cor; 250 hp. b. Penn, Brnl.

45 city series tung. 200 c. p; moonlt; coal $2.10.
D L S 3 ✣ 74

**CONNEAUT,** 8,319—Munic. Elec. Lt. Plant; bds. $40,000, 4 & 5 p. c. int.
Mayor, D. S. Brace..............Conneaut
Sec. Jane Cantlin................ "
City Treas. W. S. Wood.......... "
*Supt. Benj. Laubach........... "
Engr. Pwr. Sta. Jno. Lovell...... "
Asst. Engrs. M. Brooks........ "
R. Baker.......... "

3 a. c. Warren tot. 525 kw. 1100 v. s. ph. 133 cys: a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 875 hp. e. Erie; 950 hp. b. Erie City, Union.

103 street series Mazdas 600 w. $50 per yr; moonlt; coal $2.
D L S 1 125

**CONTINENTAL,** 1,074 — Continental Lt. & Coal Co.
*¶Mgr. Henry Mootz..........Continental

Energy purchased from Ohio Elec. Ry. Co; 2200 v. 3 ph. 25 cys; 3 transf. G. E. tot. 75 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
D L 3 ✣ ★26

**CORTLAND,** 11,504 — The Cortland Lighting Co; cap. $10,000.
Pres. N. M. Richards............Cortland
V. Pres. C. C. Post.............. "
*¶Sec. Treas. & Mgr.
O. M. Richards............... "
Engr. Pwr. Sta. J. W. Cook..... "

1 a. c. West. 50 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; purchases stm. from Richards & Evans Co.

City cont. 95 incs. series 60 & 80 c. p. $14 per yr; mdnt.
D L S 3 125

**COSHOCTON,** 9,603—The Ohio Service Co. (Hydro-elec. plant at Roscoe and steam sta. at Coshocton.) For executive officers, see Cambridge.
Supt. K. K. Garrett............Coshocton
Engr. Pwr. Sta. J. J. Dolan..... "

4 a. c. Allis-C., G. E. tot. 5800 kw. 2300 v. 3 ph. 60 cys; 3 rect. G. E. 75 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 300 hp. e. Cor.; 2900 hp. b. Bass, Wickes, Bab. & W; 4500 kw. stm. turb. G. E. Allis C; 1000 kw. wtr. wh. Allis-C; also hot wtr. htg; trans. volt. 33,000 v; 3 transf. West. tot. 1500 kw.

City cont. 191 arcs G. E. magn. 4 amp. $60 per yr; all nt; coal $1.50. (Trans. to Cambridge, Newcomerstown, Dennison and W. Lafayette; also 13,200 & 33,000 v. trans. line to New Philadelphia.)
D H R S W 3 ★36

**COVINGTON,** 1,848—The Buckeye Lt. & Pwr. Co.
*Pres. J. H. Marlin............Covington
Sec., Treas. & Mgr.
Thos. T. Robinson......Boston, Mass.
Supt. R. F. Albery.............Covington

2 a. c. G. E. tot. 230 kw. 2300 v. 3 ph. 60 cys.; a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph; 65 hp. e. Brnl; 80 hp. b. Brnl; 230 hp. turb. (wtr.) Platt.

City cont. 34 arcs. a. c. series 6.6 amp. $72 per yr; 65 a. c. Mazdas 4 amp. $20 per yr; all dark hrs; coal $2.45. (Co. also lts. Pleasant Hill and Ludlow Falls.)
D L S W 1 3 113

**CRESTLINE,** 3,807 — The Cleveland, Southwestern & Columbus Ry. Co. See Norwalk.

2 a.c. T-H, Warren tot. 110 kw. 1100-100 v. s. ph. 133 cys; 4 arc Brush tot. 140 lt; no day cir; 250 hp. e. Ohio, Cor; 250 hp. b. Gem City.

City cont. 70 arcs A. B. 400 w. $62.40 per yr. moonlt; coal $2.20. (Pwr. sta. will be converted into transf. sta. and energy supplied from cos. 22,000 v. 25 cycle line; will install new lighting system consisting of nitro. lamps 100 & 60 c. p.)
L S 1 ✣ ★16

Cantine & Co. (Elec. Lt. Plant).
*Pres. John Younge,
3449 W. Adams St., Chicago, Ill.
Sec. Mrs. W. W. Cantine.........Alliance
¶ Mgr. & Ch. Elecn.
W. W. Whitacre...............Crestline
Ch. Engr. W. Greeter............ "

1 a. c. Ft. W. 40 kw. 1000 v. s. ph. 60 cys; 2 d. c. arc W. E. 85 lt; a. c. nt. ltg. cir. 100 v. 60 cys; 100 hp. e. Rus.

City cont. 49 arcs W. E. and 650 incs; all nt.
L S 1 23

**CRESTON,** 970—Munic. Elec. Lt. Plant.
*Mgr. F. D. Knecht..............Creston

Purchases energy from the Cleveland. Southwestern & Columbus Ry. Co.; 5 transf. tot. 161 kw; a.c. day & nt. ltg. cir. 110 v. 25 cys.

70 incs. 100 w; $15 per yr; moonlt.
D L 1 125

**CROOKSVILLE,** 3,028 — The Ohio Lt. & Pwr. Co. See Newark.

1 a. c. West. 75 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v.; 175 hp. e. Brnl; 150 hp. b. Brnl.

City cont. 46 arcs West. 7.5 amp. $80 per yr; all nt; coal $1.25.
L S 2 ✣ 26

**CUYAHOGA FALLS,** 4,020 — Munic. Elec. Lt. & Wtr. Plant; cost $42,500; bds. $12,000.
Pres. Bd. Chas. Haley....Cuyahoga Falls
¶ Sec. J. W. Lostetter... " "
Treas. John Porter....... " "
*Supt. Louis Cook....... " "
Ch. Engr. & Elecn.
W. A. Chase........... " "

1 d. c. Ft. W. 40 kw. 6300 v; 2 a.c. C-W. Westg. tot. 275 kw. 2300-110 v. 2 ph. 60 cys; 1 arc A. B. 90 lt; no day cir; 500 hp. e Shep. Bckye; 250 hp. b. Erie.

52 city arcs; 200 Mazdas; moonlt; coal $2.10.
C L S 2 75a

Northern Ohio Trac. & Lt. Co. See Akron.

**DAYTON,** 125,000—The Dayton Pwr. & Lt. Co., Home Telephone Bldg. (Gen. stas. at Cedarville (stm. aux.), Clifton, Osborn, Wilmington and two in Dayton. Erecting steam-turbine plant at Millers Ford, south of the city, with an ultimate cap. of 105,000 kw; initial installation will consist of 2-15,000 kw. turbine sets.) (Has taken over property of Miami Lt., Ht. & Pwr. Co. of Piqua); cap. $5,359,500; bds. $3,684,000.
Pres. & Mgr. F. M. Tait..........Dayton
V. Prests. { E. P. Matthews....... "
Wm. Stroop.......... "
Adam Schantz........ "
Sec. & Treas. L. K. Funkhouser... "
*Asst. Treas. O. E. Howland...... "
Com'l Mgr. T. F. Kelly......... "
¶ Pur. Agt. C. M. Peffly.......... "
Engr. Pwr. Sta. C. H. Spiehler.... "
Pwr. Engr. J. C. Matthieu........ "
Supt. O. B. Reemelin ........... "

5 a. c. West. Allis-C. tot. 12,000 kw. 2200 v. 3 ph. 60 cys; 1 d. c. Ft. W. tot. 1000 kw. 250 v; 8 d. c. arc Brush, G. E. tot. 1200 lt: trans. 6600-13,200-33,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112-114 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. day & nt. ltg. cir. 112-114 v; d. c. day & nt. mo. cir. 220 v; 1500 hp. e. Bckye; 12,000 kw. turb. Allis-C. West; 9100 hp. b. Bab. & W, Stir; also stm. htg.

City cont. 900 arcs d. c. series 462 w. $66 per yr; 100 series tung. 75 w. $24 per yr; 3830 hrs.

(Serves Dayton, Shiloh, Carrmonte, Alexandersville, West Carrollton, Trotwood, Ft. McKinley, Harshman, Fairfield, Osborn, New Carlisle, Cedarville, Clifton, Yellow Springs, Belmont, Alpha, Trebeins, Xenia, Oakwood, Beavertown, Wilmington, Spring Valley, Bellbrook, Port William and Bowersville.)
C D H N S 3 ★16w

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Algonquin Lt., Ht. & Pwr. Co.; cap. $10,000.
Pres. Fanny H. Peirce............Dayton
V. Pres. Virginia Wood .......... "
Sec. & Treas. M. F. Peirce........ "
*¶ Mgr. & Cont. Agt. J. Elliot Peirce "
Engr. Pwr. Sta. H. C. Crutchfield "

Purchases energy from Peirce-Williams Co.; 3 d. c. Thresher, Weston tot. 225 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 490 hp. e. Buck, Skinr; 575 hp. b. McN, Union.
C D L S 125

**DEFIANCE,** 7,327—The Defiance Gas & Elec. Co; cap. outstg. $297,100; bds. $326,000.
Pres. E. L. Crawford
61 Broadway, New York, N. Y.
V. Pres. & Gen. Mgr. W. P. Wallace
Defiance
Sec. C. J. Lindecker..............Toledo
Treas. H. Chandor,
61 Broadway, New York, N. Y.
Audr. W. W. Kerns..............Defiance
Cont. Agt. J. F. Deatrick, Jr.... "
Supt. Ovhd. Distrbn. O. F. Bleeks "
" Undgrd. Distrbn. G. Meade "
Ch. Engr. Pwr. Sta. John Bowers "

Energy purchased from the Auglaize Pwr. Co; 1 freq. chgr. 600 kw. Allis-C; a. c. Ft. W. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 500-220-440 v. 3 ph. 25 & 60 cys; 450 hp. e. Rus; 500 hp. b. Heine.

City cont. 96 arcs 2000 c. p. $70 per yr; all nt; coal $2.45-$3. (Co. distributes in Defiance, Maumee, Perrysburg, Rossford, wanton, Whitehouse and Toledo outskirts.)
D L S 3 ★125

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Auglaize Pwr. Co. (Gen. sta. 3½ miles outh of Defiance); cap. outstg. $1,000,000; ds. $850,000.
Pres. Thos. R. Wickenden
531 Spitzer Bldg., Toledo
*¶V. Pres., Mgr. & Cont. Agt
W. P. Wallace.................Defiance
Sec. & Treas. Fitzhugh C. Speer,
25 Broad St., New York, N.Y.
Supt. Ovhd. Distrbn.
E. P. Howell, 531 Spitzer Bldg., Toledo
Ch. Engr. Pwr. Sta.
Henry Koerber.................Defiance

5 a. c. Allis-C. tot. 5000 kw. 2300 v. 3 ph. 25 cys; 3 d. c. Allis-C. tot. 425 kw. 125 v; trans. volt. 60,000 v. 3 ph; 7000 hp. turb. (wtr.) Allis-C. (Sells energy to The Defiance Gas & Elec. Co.; trans. also to Jewell, Florida, Okolona and Liberty Center.)
C T W 3 ★125

**DE GRAFF,** 1,802—Munic. Elec. Lt. Plant; cost $7,500; bds. $7,500.
Pres. Bd. J. R. Weller...........De Graff
Sec. N. L. Strayer............... "
*¶Supt. J. T. Scott............... "
Engrs. Pwr. Sta. { R. Carpenter....... "
Stanley Castle...... "

2 a. c. Tri. tot. 97½ kva. 2250 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. oil I. H. C.

55 city Mazdas 40 c.p. moonlt. mdnt; kerosene.
D G L 1 3 ★125

**DELAWARE,** 9076—The Delaware Elec. Lt., Ht. & Pwr. Co.; cap. $125,000; no bds.
Pres. John E. Campbell.........Delaware
V. Pres. B. F Freshwater....... "
Sec. W. H. Bodurtha........... "
Treas. M. Miller................ "
*¶Mgr. & Cont. Agt.
W. F. Gannon.................. "
Engr. Pwr. Sta. E. C. Allen.... "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 d.c. G.E. 100 kw. 550 v; 3 rectifiers G. E.—lt; a. c. day & nt. cir; d. c. day cir. 550 v; 300 kw. stm. turb. G. E.

City cont. 155 arcs G. E. Magn. $75 per yr; all nt.; coal $2 25.
C D L S 1 3 ✣ ★125

**DELPHOS,** 5,038—The North Western Ohio Lt. Co. For executive officers, see Van Wert.
Supt. Clarence K. Beilharz........Delphos
Ch. Engr. Frank Burns.......... "
Engr. Pwr. Sta. David Breece.. "

2 a. c. turbo-gen. G. E. Curtis tot. 2250 kw. 2200 v. 3 ph. 60 cys; 3 rect. tot. 75 kw; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 440-2200 v; 1200 hp. b. Stir; 6 transf. G. E. tot. 1400 kw.

City cont. 65 arcs G. E. magn. 4 amp. $60 per yr; 30 Mazdas 75 w. $15 per yr; moonlt. all nt; coal $2.15. (Trans. to Ottoville.)
D L S 3 ★26

**DELTA,** 1,689—Delta Ltg. & Pwr. Co.
Pres. J. M. Longnecker.............Delta
*¶Mgr., & Ch. Engr.
A. E. Baker...................... "

Purchases energy from Toledo & Indiana R. R. Co.; 1 freq. chgr. West. 120 kw.

City cont. 23 incs. $54.54 per yr; moonlt; coal $2.70.
L ✣ 75

**DENNISON,** 4,008—The Ohio Service Co. For executive officers, see Cambridge.
Dist Supt. L. H. Slocumb.......Dennison

Energy from Coshocton; 6 transf. West. tot. 1200 kw; 1 mo.-gen. G. E. 150 kw; 1 d. c. Westg. 150 kw. 550 v; 2 rect. Westg. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-2300 v. s. & 3 ph. 60 cys.

City cont. 103 West. arcs met. flame $65 per yr; 17 Mazdas series 4 amp. 60 w. $18 per yr; all nt.
C D R 1 3 ★36

**DESHLER,** 1.515—The North Western Ohio Lt. Co. For executive officers, see Van Wert.
Local Mgr. R. W. French........Deshler

2 a. c. G. E. tot. 150 kw. 1100 v. 3 ph. 60 cys; 1 arc G. E. 21 lt; traus. volt 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. Bckye, Ide; 200 hp. c. Erie City.

City cont. 35 arcs G. E. 7.5 amp. $73 per yr. all nt; coal $2.35. (Trans. to Hoytville.)

D L S 1 3 ✠ ★26

**DILLONVALE,** 1,519—Sunnyside Elec. Co. (Successor to Dillonvale Ht., Lt., Pwr. & Wtr. Co.) See Wheeling, W. Va.

**DRESDEN,** 1,549—*Dresden Elec. Lt. & Wtr. Wks. Plant.
Pres. W. S. Lemert..........Frazeysburg
Sec. F. L. W. Brill...............Dresden
Treas. C. M. Haas. ............ "
Mgr. W. A. Walcutt.........Frazeysburg

L 14

**DUNKIRK,** 1,109—The Hardin-Wyandot Ltg. Co. See Kenton.

**EAST CLEVELAND,** 9,179 — Cleveland Illg. Co. See Cleveland.

**EAST LIVERPOOL,** 20,387 — The East Liverpool Trac. & Lt. Co; cap. $3,000,000; bds. $3,000,000.
*Pres. & Gen. Mgr.
C. A. Smith.................E. Liverpool
Sec. & Treas. Geo. H. Faulk "
¶ Pur. Agt. E. C. Mercer.... "
Dist. Supt. J. W. Fullmer.. "
Supt. W. B. Thomas........ "
Engr. Pwr. Sta. W. P. Wieman "

4 a. c. West. tot. 7000 kw. 2200 v. 2 ph. 60 cys; 2 d. c. West. tot. 875 kw. 600 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220-110 v. 2 ph. 60 cys; d. c. mo. cir. 600 v; 7000 kw. stm. turb. West; 875 hp. e. St. Louis, Bckye; 3,500 hp. b. Stir; trans. 13,200 v. 3 ph. 60 cys; 11 transf. West. tot. 1700 kw; 3 rot. conv. West. tot. 300 kw.

Citycont. 216 arcs G. E. enc. 6.6 amp. $66 per yr; 59 Tung. 60-80 c. p. $28 per yr; all nt; coal $1.60. (Co. also lts. Wellsville and Chester, W. Va.)

C D R S 2 114d

**EAST PALESTINE,** 3,537 — Munic. Elec. Lt. Wks.; cost $15,000.
Pres. Bd. Jacob Ashman..East Palestine
*Sec. J. W. Smith......... "
¶ Mgr. & Cont. Agt.
W. H. Van Fossen...... "

1 a. c. G. E. 90 kw. 1100 v. s. ph. 60 cys; 1 arc G. E. 4 amp; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. Erie City; 250 hp. b. Erie City; 100 kw. stm. turb. G. E.

50 G. E. lum. arcs 4 amps; 20 series inc. 4 amps; all nt; coal $2; slack 85 cts.

D L S 1 3 ✠ 74

**EAST YOUNGSTOWN,** 4792–Youngstown & Sharon St. Ry. Co. See Youngstown.

**EATON,** 3,187—Eaton Lighting Co.
Pres. & Treas. Elam Fisher........Eaton
V. Pres. C. B. Cokefair.............. "
Sec. W. C. Dove..................... "
*Gen. Supt. F. J. Jackley.......... "
Ch. Engr. Fred. Miller.............. "

2 a. c. West. tot. 270 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 350 hp. e. H O. & R; 700 hp. b. Gem City, Brnl.

City cont. — Mazdas 80 c. p. $21 per yr; all nt; coal $2.70.

D L S 1 3 ✠ 16

**EDGERTON,** 1,072 — Edgerton Elec. Ltg. System.
*Prop. E. A. Geauque...........Edgerton

1 a. c. G. E. 200 kw. 2200 v. 3 ph. 60 cys; trans. 6600 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day mo. cir. 220 v; 400 hp. e. Atlas, Ham; 200 hp. b. Erie.

City cont. 217 Mazdas 40 w. $9.60-$12 per yr. moonlt; coal $2.60 and wood refuse. (Co. also lts. Edon, Blakeslee, Melbern, Ney and Nina.)

D L S 1 16

**ELMORE,** 1,025—Munic. Ltg. System.
*Clerk, F. H. Williams .. ........Elmore

Purchases energy from Northwestern Ohio Ry. & Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 25 cys.

City cont. 70 Mazda series 125 w; all nt.

D L X 125

**ELYRIA,** 14,825—Electric Lt. & Pwr. Plant, 413 Broad St., Elyria. (Pwr. stas. at Elyria and Loraine; also serves Amherst and Olmstead Falls.) (Operated by the Doherty Organization. 60 Wall St., New York, N. Y.); cap. $10,000.
*Gen. Mgr. J. B. Johnson..........Elyria
Cont. Agt. H. G. Bonner............ "
Engr. Pwr. Sta. S. P. Worley....... "

Pwr. stas. equip; 3 a. c. West. tot. 3000 kw. 2200 v. 3 ph. 60 cys; 4 d. c. West. tot. 1100 kw. 250-110 v; 7 arc mach. West; tot. 350 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph; 1000 hp. e. Bckye; 2500 hp. b. Bab. & W; 2500 hp. turb. (stm.) West; 500 hp. wtr. wh. Trump.

22,000 volt. trans from Lakeside station, Lorain, to following sub-stas: Lorain 2100 kva; Elyria 2100 kva; North Amherst 225 kva; South Amherst 1050 kva; Olmstead Falls 50 kva; Berea (Cleveland Stone Co.) 450 kva.

City cont. 288 arcs West. 4 amp. $64 per yr; all nt; coal $2.

C D L S W 3 125

**EUCLID,** 1,953—The Cleveland Elec. Illg. Co. See Cleveland.

**FAYETTE,** 915 — Southern Michigan Lt. & Pwr. Co. See Hudson, Mich. Energy from Morenci, Mich.

City cont. 25 arcs 150 w. $60 per yr.

L ★16w

**FAYETTEVILLE,** 370 — Ferry Elec. Lt. Plant.
*Owner & Mgr. Joseph A. Ferry, Fayetteville

1 d. c. 6 kw. F. M. & Co. 115 v; d. c. nt. ltg. cir. 110 v; 10 hp. e. (gas) F. M. & Co.

City cont. 6 tung. 80 c. p. $16.66⅔ per yr. moonlt. 10 P. M.; kerosene 7½ cts.

C G L ✠ 16

**FINDLAY,** 14.858 — Toledo, Bowling Green & Southern Trac. Co.; cap. $2,000,000; bds. $1,225,000.
Pres. B. L. Kilgour.............Cincinnati
V. Pres. Chas. Kilgour.......... "
Sec. & Treas. A. J. Becht....... "
*¶Gen. Mgr. C. F. Smith.........Findlay
Supt. R. N. Hamblin.....Bowling Green
Engr. Pwr. Sta. W. J. Nusbaum..Findlay

2 a. c. G. E. tot. 2000 kw. 370 v. 3 ph. 25 cys; 4 d. c. G. E. tot. 2000 kw. 600 v; 2 arc G. E. tot. 600 lt; a. c. day & nt ltg. cir. 110 v; a. c. mo. cir. 220 v; d. c. mo. cir. 500 v; 3000 hp. e. McI. & S; 1500 hp. b. A. & T; also hot wtr. htg.

City cont. 480 Mazdas "C" 600 c. p. (55), 250 c. p. (250) & 100 c. p. (175) $55. $40 & $25 per yr: all nt; coal $1.50 to $2 00.

C D H R S 3 125

**FLOODWOOD**, 50—The Central Electric Producing Co. Office, Athens. Gen. sta. Floodwood; cap. outstg. $300,000.
Pres. H. D. Manington.........Columbus
*V. Pres. & Mgr. P. C. Morris, Nelsonville

¶Sec. & Treas. J. B. Poston.......Athens
Cont. Agt. E. Wessel............. "
Gen. Supt. S. M. Haffey.......... "
Supt. R. M. Stumm............Nelsonville

3 a. c. turbo-gen. West. tot. 4500 kw. 11,000 v. 3 ph. 60 cys; 1881 hp. b. Spgf; 24 transf. Pitts. tot. 2750 kw; 2 rot. conv. West. tot. 400 kw.

Coal $1. (Sells energy in bulk to The Athens Elec. Co. and the Hocking Pwr. Co.)

S T 3 §16

**FOREST,** 1,285—The Hardin-Wyandot Ltg. Co. See Kenton.

a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; trans. 13,200 v.

City cont. 54 type "C" lamps 6.6 amp. 80-250 c. p. all nt.

D L 3 16

**FORT RECOVERY,** 1,193 — Munic. Elec. Lt. Plant; cost $35,000; bds. $12,000.

Vil. Pres. E. Wostie........Ft. Recovery
V. Pres. Nick Mong.......... " "
Sec. Chas. J. Fox ........... " "
Treas. Chas. A. Browne..... " "
*Supt. Wm. Steinbrunner.... " "
Engr. Pwr. Sta. Walter Meyers " "

1 a. c. West. 125 kw. 110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v.; 85 hp. e. Erie City; 300 hp. b. Gem.

70 city incs. a. c. series 60 w; moonlt; coal $2.40.

L S 1 ✠ 25

**FOSTORIA,** 9,970—The Ohio Lt. & Pwr. Co. For executive officers, see Newark.

Supt. E. D. Chapman............Fostoria
Engrs. Pwr. Sta. { Geo. Torris.......... "
Emery Call.......... "

3 a. c. Ft. W. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 625 hp. e. Rus, Phoenix; 450 hp. b. Stir, A. & T.

City cont. 135 lumn. arcs 4 amp. $55 per yr; all nt; coal $2.10.

D L S 3 26

**FRANKLIN,** 2,659—Franklin Elec. Lt. Co.; cap. outstg. $15,000.

Pres. J. A. Aull................Cleveland
V. Pres. H. I. Kehew,
5889 Bartlett St., Pittsburg, Pa.
*Sec. Treas. & Mgr.
L. C. Anderson.................Franklin

Energy is purchased from the Middletown Gas & Elec. Co.; 3 transf. Allis-C. tot. 225 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys.

City cont. 45 arcs enc. a. c. A. B. 6.6 amp. $74 per yr; 13 type "C" lamps 40 c. p. $25 per yr; all nt. (Also lts. Springboro.)

D L 1 3 ✠ ★125

**FRAZEYSBURG,** 614—Electric Lt. Plant; cost $4,000.

*¶Owner & Mgr. John A. Evans
Frazeysburg

1 d. c. Colonial 25 kw. 250 v; d. c. ltg. cir. 250 v; 25 hp. e. (gas) St. Mary.

City cont. 70 incs. 40 & 60 w. $15 & $18 per yr; all nt; gas 25 cts. per M.

C G L 26E

**FREDERICKTOWN,** 1,021—The Ohio Lt. & Pwr. Co. See Mt. Vernon.

City cont. 100 Mazdas 60 w; all nt.

L 26

**FREMONT,** 9,939—The Ohio Lt. & Pwr. Co. For executive officers, see Newark.

Supt. B. J. Shockley.............Fremont

3 a. c. West. Allis C. tot. 675 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 1150 hp. e. Allis-C, Bckye; 1000 hp. b. McNaul; also hot wtr. htg.

City cont. 238 series arcs magn. 4 amp. $57.50 per yr; 21 Mazdas 80 c.p. $20 per yr; all nt; coal $1.50.

D H L S 2 ✠ 26

The Ohio State Pwr. Co. Office, Fremont. (Two generating stations); bds. $700,000.

Pres. & Mgr. C. J. Davidson
1048 F. N. B. Bldg., Chicago, Ill.
V. Pres. E. C. Rutz ..............Fremont
*Sec. Treas. & Audr. Arthur Lindley
211 So. La Salle St., Chicago, Ill.

3 turbo.-gen. Allis-C. tot. 18,750 kva. 4000 v. 3 ph. 60 cys; 3 wtr. wh. sets Allis-C tot. 3000 kva. 4000 v. 3 ph. 60 cys; 3000 hp. b. Bab. & W.

Coal. (Entire output sold to Lake Shore Elec. Ry. Co. (for operation of system from a point some 25 miles east of Fremont to Toledo) and The Ohio Lt. & Pwr. Co.)

S T W 3 §105

**GALION,** 7,214—Munic. Elec. Lt. Plant.

*Supt. H. C. Dye...................Galion
Engr. Pwr. Sta. J. H. Steele....... "

3 a. c. Allis-C. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys; 750 hp. e. Skinner, Bass, Allis-C; 1100 hp. b. Heine.

700 city inc. series 6.5 amp. 40, 60 & 100 c. p; all nt; coal $2.50.

D L S 1 3 ✠ 75

**GALLIPOLIS,** 5,560—Gallipolis Elec. & Pwr. Co., 462 Second Ave.

Owners. { *L.B. Herrington } Richmond,
Harvey Chenault } Ky.
Waller Chenault........ "
J. H. Dean.......... "
Geo. T. Bogard,
Big Stone Gap, Va.

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. mo. cir; 250 hp. e. Allis-C; 100 kw. Curtis turb; 330 hp. b. Gem City; 1 rot. conv. G. E. 100 kw. 600 v.

City cont. 55 series arcs G.E. 480 w. $64.50 per yr; 70 incs. 60 c. p. $25 per yr; all nt; coal $1.45. (Sells energy to Gallipolis & Northern Trac. Co.)

D L S 3 ✠ 16

**GARRETTSVILLE,** 1,001 — *S. H. Bruce.

Energy purchased from Trumbull Public Service Co.; trans. volt. 22,000 v. 3 ph. 60 cys; 2 transf. West. tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 72 series tung. 60 & 80 c. p. $18 & $20 per yr; mdnt. (Also sells energy to Village of Hiram.)

D L 1 3 ✠ 125

**GENEVA,** 2,496—*United Lt. & Pwr. Co.

¶ Sec. & Treas. H. A. Blyth,
Schofield Bldg., Cleveland
Supt. Chester Hill..............Painesville
Ch. Engr. H. B. West.............Geneva

1 a. c. G. E. 2300-104 v. 3 ph. 60 cys; 225 hp. e. Erie; 200 hp. b. Erie.

City cont. 44 arcs 2000 c. p. $67.50 per yr. mdnt; coal $3. (Co. also lts. Madison and Unionville.)

L S 3 88

**GEORGETOWN,** 1,580—Munic. Elec. Lt. Plant; cost $30,000.

Pres. of Bd. U. G. Rees......Georgetown
V. Pres. G. W. McKibben.... "
Sec. O. E. Young............. "
Treas. J. F. Donohoo........ "
*¶Mgr. Cont. Agt. & Engr.
Pwr. Sta. J. L. Reichardt... "

1 a. c. Ft. W. 70 kw. 2300-110 v. 2 ph. 60 cys; no day cir; 125 hp. e. Sknr; 300 hp. b. McI. & S.

60 city Mazdas "C"; moonlt; coal $2.55.

L S 2 125

**GERMANTOWN,** 1,778—Munic. Elec. Lt. Plant; cost $30,000; bds. $16,000.
Pres. W. L. Hutchinson....Germantown
Sec. Chester A. Ebey........ "
Treas. L. Kindig............ "
*¶Mgr. Albert Jenks........ "
Engr. Pwr. Sta. P. A. Miller "

2 d. c. G. E. tot. 675 amp. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 375 hp. e. McE. Sknr; 250 hp. b. A. & T.

24 city arcs lum. 5 amps; 110 Tung. 6 amp; moonlt; coal $2.35.

C L S 45E

**GIBSONBURG,** 1,864 — Gibsonburg Elec. Lt. Co.
Pres. W. B. Ervin............Gibsonburg
V. Pres. F. C. Hornung....... "
*¶Sec. & Mgr. C. B. Snyder.... "
Treas. F. W. Zorn............ "

Purchases energy from National Motor & Supply Co; 21 transf. Packard 246 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.

City cont. 28 Mazdas 80 c. p. $22.50 per yr; 41 Mazdas 60 c. p. $19.50 per yr; 36 Mazdas 40 c. p. $14 per yr: 32 3-lt. posts 60 & 40 w., top lt. all nt., bottom lts. 11:30 P. M., $43.50 per yr; moonlt; coal $2.30.

D L X ✠ 75

**GILBOA,** 345—Pandora Elec. Lt. & Pwr. Co. See Pandora.

City cont. 100 w. incs. $25.20 per yr. moonlt.

L 125

**GIRARD,** 8736—Youngstown & Sharon St. Ry. Co. See Youngstown.

**GLENDALE,** 1,545—The Union Gas & Elec. Co. See Cincinnati.

**GLEN ROY,** 1,000—See Wellston.

**GLOUSTER,** 2,527—Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $15,000.
Pres. Bd. Dr. Koons..............Glouster
Clerk, Jno. G. Myers.............. "
V. Pres. Richard Harris......... "
*Sec. J. L. Davis.................. "
Engr. Pwr. Sta. —— —— ...... "

1 a. c. West. 100 kw. 2300 v. 2 ph. 60 cys; no day cir; mo. cir. 110 v; 225 hp. e; — hp. b.

50 city arcs; moonlt; coal.

L S 2 ✠ ★85†

**GRAND RAPIDS,** 574—Pilliod Lt. & Pwr. Co.
Pres. A. Pilliod.............Grand Rapids
Sec. & Treas. L. A. Pilliod.. "
*Mgr. F. Heising............. "
Engr. Pwr. Sta. H. A. Nafus "

2 a.c. Warren tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v; 225 hp. e. Rus, Sknr; 368 hp. turb. Lef, Trump; 125 hp. b. Brnl.

City cont. 30 tung. 100 w. $83.33⅓ per yr; all nt; coal $2.20. (Also lts. Weston.)

D L S W 1 3 ✠ 125

**GRANVILLE,** 1,394—Munic. Elec. Lt. & Wtr. Plant; bds. $12,500.
Vil. Pres. H. W. Deming.......Granville
*¶Sec. W. E. Clemons.......... "
Treas. L. E. Davis............... "
Ch. Engr. Joe S. Rodes.......... "
Engr. Pwr. Sta. T. F. Varner..... "

1 d. c. arc Ft. W. 60 lt; 42 hp. e. Rus; 200 hp. b. Erie City.

51 Mazdas 200 w. $1.92 per yr; moonlt; gas 12½ cts.

C L S 25

**GREENFIELD,** 4,228—Munic. Wtr. & Elec. Lt. Plant; cost $45,000.
Pres. Bd. A. S. Boden..........Greenfield
*¶Mgr. W. Roy Gray.......... "
Ch. Engr. L. O. Holaday........ "

3 a. c. Ft. W. tot. 400 kw. 2200 v. 3 ph. 60 cys; 2 d. c. arc Ft. W. 125 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 760 hp. e. Sknr.

88 city arcs Ft. W. 6.8 amp; 18 Mazdas; moonlt. all nt; coal $2.30.

D L S 3 ✠ 125

**GREEN SPRING,** 833—Green Spring Elec. Lt. & Pwr. Co.
*¶Mgr. D. M. Scott..........Green Spring
Engr. Pwr. Sta. F. M. Audritsh "

2 d. c. Lincoln, F. M. & Co., tot. 47½ kw. 110-220 v; no day cir; 80 hp. e. (oil) St. Mary's Mch. Co.

City cont. 50 tung. 100 w. $21.51 per yr. moonlt; oil $4.66 per 100 gal.

C G L ✠ 125

**GREENVILLE,** 6,237—The Greenville Elec. Lt. & Pwr. Co. Office, Electric Bldg.; cap. outstg. $168,000; bds. $16,500.
Pres. D. L. Gaskill............Greenville
V. Pres. J. M. Bickel.......... "
Sec. & Treas. W. S. Meeker .. "
*Supt. S. M. Rust.............. "
Ch. Engr. C. D. Dispenette.... "

2 a.c. G. E. tot. 1000 kw. 2400 v. 3 ph. 60 cys; 1 d.c. G.E. 85 kw. 220 v; a.c. day & nt. ltg. cir. 110 v; d. c. ltg. cir. 220 v; 2000 kw. stm. turb. G. E; 900 hp. b. Sterling.

City cont. 119 Mazdas "C" 600 c. p. $60 per yr; all nt; coal $2.35. (Co. distributes in Greenville, Ansonia, Eldorado, Coletown, Ithaca and West Sonora; sells energy in bulk to The Brookville-Lewisburg Ltg. Co., The Citizens' Lt. Co. (W. Manchester), New Madison Ltg. Co., Bradford & Gettysburg Elec. Lt. & Pwr. Co., and Union City (Ind.) Ltg. Co.)

C D L S 3 ✠ ★125

**GREENWICH,** 876—Munic. Wtr. & Lt. Plant; bds. $9,500.
Pres. Bd. W. M. Miller........Greenwich
*Sec. F. H. Daniels........... "
Engr. Pwr. Sta. G. A. Mosher "

1 a. c. West. 70 kva. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 90 hp. e. Rus; 220 hp. b. Erie City, I. W.

114 city Mazdas 100 & 80 c. p; moonlt; 11.30 P. M; coal $1.20.

L S 1 125

**HAMDEN,** 1,019—See Wellston.

**HAMILTON,** 35,279 — The Hamilton Utilities Co.; cap. $255,000.
Pres. E. M. Peters..............Hamilton
V. Pres. J. C. Thoms........... "
*Sec. & Treas. E. C. Seimer..... "
Ch. Elecn. Chas. Hancock..... "

Purchases energy from Hamilton Otto Coke Co.; 2 a. c. Bull. 1000-100-50 v. s. ph. 60 cys; 1 d. c. 75 kw. 550 v; a. c. & d. c. day cir. 220-110 v; mo. cir. 500 v; 350 hp. e. Bckye, West, Otto; 250 hp. b. Brnl.

C D L S 1 25

Munic. Elec. Lt. Plant; bds. $175,000.
Mayor, J. A. Holzberger........Hamilton
*¶Supt. James O'Toole ......... "
Ch. Engr. Pwr. Sta. W.J.Coakly "
Asst. Engr. Pwr. Sta. Chas.Fritz "

3 a. c. Allis-C. tot. 1000 kw. 2200 v. 3 ph. 60 cys; 3 d. c. Allis-C. tot. 75 kw. 125 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 200 v. s. & 3 ph. 60 cys; 275 hp. mo; 1500 hp. e. H. O. & R; 1000 hp. b. Bab. & W.

375 city arcs a. c. 7.5 amp. 500 w; 700 Mazda series 7.5 amp. 60 c. p.; all nt; coal $2.

C D L S 1 3 ★125

**HARRISON,** 1,368—*Harrison Elec. & Wtr. Co. Cap. $40,000.
Pres. C. A. Hinsch..............Cincinnati
Treas. Sam McFarland.......... "
¶ Mgr.&Ch.Elecn. Harry Schott,Harrison
Ch. Engr. Geo. Burton........... "

4 d. c. Westg. tot. 290 kw. 440-220 v; no day cir; 230 hp. e. Fitch, Brnl; 175 hp. b. Brnl.
City cont. 34 arcs $55 per yr; mdnt; coal $2.42.
C L S ✠ 14

**HEBRON,** 677—Ohio Elec. Ry. Co. For officers, see Springfield.
3 a. c. Ham, Allis-C. tot. 3100 kw. 13,200 v. 3 ph. 25 cys; 2620 hp. b. Bab. & W, Stir.
R S 3 16

**HELENA,** 305— Elec. Lt. Plant.
Owner, Fred. Rutschow..........Helena
*Supt. Fred. Rutschow, Jr........ "
1 d. c. Ed. 110 v; 25 hp. e. Nagle; 35 hp. b. Nagle.
City cont. 10 incs. 54 c.p; mdnt; coal $2.
C L S 75

**HICKSVILLE,** 2,395—Hicksville Elec. Lt., Ht. & Pwr. Co.; cap. $10,000.
*¶ Pres. & Mgr. C. M. Lott....Hicksville
Sec. A. R. Lott.................. "
2 a. c. West. tot. 125 kw. 2300 v. s. ph. 60 cys; 4 d. c. G. E. tot. 220 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 220 v; a. c. & d. c. day & nt. mo. cir. 220-440 v; 325 hp. e. Ham, Brnl; 240 hp. b. Brnl.
City cont. 34 arcs 550 w. $65 per yr; all dark hrs; coal $2.50. (Co. also lts. St. Joe & Spencerville, Ind.: sells energy in bulk to A. A. Pointer at Antwerp.)
C D L S 1 ✠ 16

**HILLSBORO,** 4,296—Hillsboro Lt. & Fuel Co.; cap. com. $40,000 & prfd. $10,700, 6 p. c. div; no bds.
*Pres. I. McD. Smith...........Hillsboro
Sec. A. E. Hough............. "
¶Treas. & Mgr. L. Beecher .... "
3 a. c. G. E. West. Allis-C. tot. 650 kw. 2300 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 800 hp. e. Sknr, Allis-C. Mc I. & S; 350 hp. b. Atlas; also ice plant.
City cont. 87 arcs 6.6 amps. 450 w. $79.50 per yr; 12 incs. 60 w. $27 per yr; 3000 hrs; coal $2.15.
D I L S 1 55†

**HIRAM,** 422—Munic. Ltg. System; cost $6,000; bds. $3,000.
Mayor S. H. Bartlett ..............Hiram
Chmn. Bd. of Pub. Affairs,
G. A. Vincent...................... "
*Clerk, Geo. H. Colton............ "
Energy purchased from S. H. Bruce, Garrettsville; 8 transf. Packard tot. 25 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.
54 city tung. 60 w. moonlt.
D L 1 125

**HOLGATE,** 1,095—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $20,000; bds. $11,000.
Pres. Bd. F. Smith................Holgate
V. Pres. F. Binger.................. "
Sec. O. P. Line...................... "
Treas. Gustie Vaight............... "
*Mgr. E. M. Ball...................... "
Ch. Engr. Roy Cummens......... "
Engr. Pwr. Sta. J. Shockey ....... "
1 a c. Warren 75 kw. 2200-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; no. mo. cir; 250 hp. e. Erie City; 170 hp. b. Erie.
33 city Tung. 300 c.p. $36 per yr; moonlt; coal $1.10
L S 1 ✠ 75

**HOYTVILLE,** 404—The North Western Ohio Lt. Co. See Van Wert.
Energy from Deshler; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300 v. s. ph. 60 cys.
D L 1 26

**HUBBARD,** 2,000—Munic. Elec. Ltg. & Pwr. System.
Trustees Bd. of Pub. Affairs
Pres. L. C. Vanness..Hubbard
Sec. Wm. John Parry "
Wm. M. Evans....... "
J. L. McBride........ "
*Supt. Wm. Jackson............ "
Energy purchased from Youngstown & Sharon St. Ry. Co, 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys.
168 city Mazdas 100 w.
D L 3 ✠ ★85†

**HUDSON,** 1,021—Munic. Elec. Lt. Plant.
*Clerk, H. M. Darling..............Hudson
1 a. c. C-W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 115 v. 60 cys; 150 hp. gas e. Bruce-McB; 175 hp. gas pro. Smith.
29 city arcs. A. B. 2000 c. p. $50 per yr; 1000 incs. Ed. 5 cts. per kw. Coal $1.90.
G L 3 ✠ ★16

**HURON,** 1,756—Munic. Elec. Lt. Plant; cost $18,000; bds. $12,000.
Board of Trustees
Pres. F. F. McCormick Huron
H. A. Cook.............. "
A. J. Gustave........... "
*Supt. & Ch. Engr. J. C. Britton.. "
2 a. c. Ft. W. tot. 200 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 220 hp. e. Skinner, Rus; 260 hp. b. Connelly.
Coal $2.36.
D L S 1 3 ★16

**IRONTON,** 13,147—Ironton Elec. Co. Cap. $15,000; no bds. (Controlled by the American Rys. Co.)
Pres. A. R. Johnson...............Ironton
V. Pres. C. L. S. Tingley........Phila Pa.
Sec. & Treas. Walter W Perkins "
Asst. Sec. & Asst. Treas.
F. J. Pryor.................... "
¶ Pur. Agt. W. J. Mulholland... "
Supt. A. L. Thuma...............Ironton
Engr. Pwr. Sta. Wm. Pease..... "
2 a. c. West. tot. 800 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 800 hp. e. Bckye; 1250 hp. b. Stir; also purchases energy from The Consolidated Lt., Ht. & Pwr., Kenova, W. Va.; 4 transf. G. E. tot. 800 kw; 11000 v. 3 ph. to 2200 v. 2 ph. 3 rot. conv. G. E. West. tot. 450 kw.
City cont. 223 series arcs 6.6 amp. $54 per yr; all nt; gas 9 cts. (Does commercial ltg. in Russell.)
D L S 2 ✠ 65w

**JACKSON,** 5,468 — Munic. Elec. Lt. Plant; bds. $54,000.
Pres. Wm. Olendorf ..............Jackson
Clerk, W. A. Dallas............... "
Treas H. E. Davis................. "
Pub. Ser. Dir. E. H. Thomas..... "
¶Cont. Agt. & Supt. Walter King. "
*Ch. Engr. C. O. Evans........... "
2 a. c. Ft. W. 250 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 150 lt; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 400 hp. e. Ball; 300 hp. b. Gem City.
130 city arcs G. E. 4 amp; moonlt; coal 85 cts.
D L S 3 23

**JAMESTOWN,** 1,133--Jamestown Elec. Lt. Co.; cost $24,800.
Owners
*Mgr. S. A. Brown, Jamestown
O. T. Brown........ "
Engr. Pwr. Sta. Earl Gabriel.. "
1 a. c. G. E. 150 kw. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v; 175 hp. e. Ham. Cor; 150 hp. b. Gem City.
City cont. 33 arcs Wood 6.6 amp. $60.70 per yr; 4 incs. $18 per yr; all nt; coal $2.40.
L S 3 ✠ ★125

**JEFFERSON,** 1,461—Electric Pwr., Lt. & Ice Co. (Successor to The Jefferson Lt. & Pwr. Co.)

*Owner & Mgr. C. H. Phelps....Jefferson
3 a. c. G. E. tot. 125 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v 133 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 133 cys; 245 hp. e. (gas) Foos.
City cont. 90 series Mazdas 40 c. p. $20 per yr; moonlt; gas 15 cts. per M.
D G L 1 74

**JOHNSTOWN,** 805—Munic. Lt. & Wtr. Plant. Cost $25,000.
Bd. of Public Affairs { C. V. Armstrong ....Johnstown
W. H. Harding...... "
E. C. Burkam ........ "
*Engr. Pwr. Sta. D. H. Crawford "
1 d. c. Tri. 35 kw. 250 v; d. c. nt. ltg. cir. 220 v; 60 hp. e. Mansfield; 120 hp. b. Brnl, Mansfield.
11 city arcs A. B. & 35 tung. moonlt. midnt; gas 12½ cts.
C L S ✠ ★125

**JUNCTION CITY,** 811—Guinsler Elec. Lt. & Pwr. Co.
*Owner F. W. Guinsler....Junction City
¶Mgr. Ch. Engr. & Elecn.
W. E. Guinsler........... "
1 a. c. Warren 30 kw. 110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 50 hp. e. (gas) F. M. & Co.
City cont. 39 city incs. "C." nitrogen $24 per yr; moonlt; gas. (Also operates in Bellville.)
G L 1 ✠ 74

**KALIDA,** 770—Kalida Lt. Plant; cost $10,000.
*Owner & Mgr. J. A. Murray.....Kalida
Energy purchased from Ohio Elec. Ry. Co.; 2 transf. Ft.W. tot. 50 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 25 cys.
City cont. 35 Mazdas 150 w. $32.85 per yr; moonlt. midnt.
D L 1 3 ✠ 125

**KENMORE,** 1,561—Northern Ohio Trac. & Lt. Co. See Akron.

**KENT,** 4,488—Kent Wtr. & Lt. Co.
V. Pres. E. L. B. Gardiner...Paterson, N.J.
Treas. Whitney Conant.... "
*Mgr. S F. Messer....................Kent
Engr. Pwr. Sta. R. O. Pratt........ "
2 a. c. West. 300 kw. 2200 v. 3 ph. 60 cys; 1 d. c. arc Brush. 56 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 725 hp. e. Cooper, K. & K; 500 hp. b. Briggs.
City cont. 70 arcs 2000 c. p. $73 per yr; moonlt; coal $1.65.
D L S 3 ✠ 125

**KENTON,** 7,185 — The Hardin-Wyandot Ltg. Co. (Gen. stas. at Kenton and Upper Sandusky.)
Pres. & Treas. F. A. Potter
New York, N. Y.
¶V. Pres. & Cont. Agt.
E. W. Lothrop.................Phila., Pa.
Sec. F. S. Whitcomb............Cleveland
*Mgr. P. M. Magly ................Kenton
2 a. c. G. E. tot. 650 kw. 2300 v. 3 ph. 60 cys; 3 arcs West. tot. 150 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. Bckye; 500 kw. stm. turb. G. E; 600 hp. b. Atlas.
City cont. 135 arcs 4 amp. $70 per yr; all nt; coal $2.40. (Also distributes in Forest, Dunkirk and Upper Sandusky.)
D L S 3 ✠ 16

**KINSMAN,** 700—Kinsman Elec. Co.; cap. $12,000; no bds.
Pres. L. G. Moore...................Kinsman
*V. Pres. F. W. Fobes........... "
¶Sec. & Mgr. J. A. Hamilton.. "
Treas. C. A. Hobart............. "
Engr. Pwr. Sta. R. J. Hamilton. "
1 a. c. E. M. Co. 54 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 40 hp. e. (gas) Foos; 40 hp. gas pro. Smith; 70 hp. wtr. wh. Fitz.
Gasolene 12½ cts.
G L W 3 ✠ 23

**KUNKLE,** 400—*Munic. Elec. Ltg. System.
Purchases energy from West Unity Pwr. & Lt. Co. trans. 6600 v. s. ph. 60 cys.
L 1 16

**LAKEWOOD,** 15,181—The Cleveland Elec. Illg. Co. See Cleveland.
City cont. 368 arcs $63.84 per yr. all nt.
L 95

**LANCASTER,** 13,093—The Ohio Lt. & Pwr. Co. For executive officers, see Newark.
Supt. Ed. Matt.....................Lancaster
3 a. c. G. E. tot. 430 kw. 2300 v. 3 ph. 60 cys; 1 rect. 200 lts; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 575 hp. e. Rus; 575 hp. b. Erie, Rus.
City cont. 180 arcs G. E. 50 w. $64.80 per yr; all nt; nat. gas. 15 cts.
D L S 3 ✠ 26

**LA RUE,** 772—J. A. Slauser Lumber Co.
*Mgr. J. A. Slauser................La Rue
Engr. Pwr. Sta. Clarence Shover... "
1 d. c. Northern. 60 kw. 220 v; no day cir; 120 hp. e. Atlas, Cor; 100 hp. b. Erie.
City cont. 14 arcs 2000 c. p. $65 per yr; 14 incs. 50 c. p. $12 per yr; moonlt: coal $2.35
C L S ✠ 23

**LEAVITTSBURG,** 400—The Trumbull Public Service Co. See Warren.

**LEBANON,** 2,698—Munic. Elec. Lt. Plant; cost $35,000.
*Pres. C. W. Randall..............Lebanon
¶Sec. & Supt. Wm. Carson..... "
Ch. Engr. W. C. Millikan........ "
2 a. c. G. E. Royal tot. 270 kw. 2200 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 104 v; 450 hp. e. Rus, Ridgeway; 600 hp. b. McIlian & Spiegal.
77 city arcs A. B. 480 w; 11 city tung. 75 w; all nt; coal $2.35.
D L S 1 125

**LEETONIA,** 2,665—Leetonia Elec. Co; cap. $10,000; bds. $3,000.
Pres. C. M. Geiselman..............Akron
Sec. & Treas. C. R. Cary.....Millersburg
*¶Mgr. & Cont. Agt.
E. H. Geiselman.................Leetonia
Purchases energy from Youngstown & Ohio River R. R. Co.; trans. 22,000-1100 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 125 v. 25 cys; a. c. mo. cir. 440 v. 3 ph. 25 cys.
City cont. 106 incs. 80 c. p. $25.44 per yr; moonlt.
D L 3 ✠ 125

**LEIPSIC,** 1,773—The Northwestern Ohio Lt. Co. For executive officers, see Van Wert.
Div. Mgr. F. R. Harris..............Leipsic
Supt. Ovhd. Dstrbn. Ray Bailey.. "
Ch. Engr. Pwr. Sta. Edward Maple "
2 a. c. G. E. tot. 250 kw. 1150 v. 3 ph. 60 cys; 1 West. rect. 50 lt; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v; 300 hp. e. Bckye; 500 hp. b. Heine; also stm. htg.
City cont. 54 magn. arcs 4 amp. $65 per yr. all nt; coal $2.25. (Trans. to West Leipsic.)
D H L S 3 ★26

**LEWISBURG,** 672—The Brookville-Lewisburg Lt. Co. Office, Greenville.
Pres. D L. Gaskill................Greenville
Sec. & Treas. W. S. Meeker... "
Gen. Supt. S. M. Rust........ "
*Local Supt. Karl A. Katzenberger
Lewisburg

Purchases energy from Greenville Elec. Lt & Pwr. Co.; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 37 incs. 80 c. p. $25 per yr; moonlt. (Also lts. Brookville (46 incs.), Verona (14 incs.), and Gordon (12 incs.).)

D L 1 85

**LEXINGTON,** 654—The Lexington Elec. Lt. & Pwr. Co.; cap. $1,050.

Pres. H. H. Smith..............Lexington
¶ V. Pres. R. M. Chatterton.... "
*Sec. & Mgr. H. F. Smith ...... "

Buys energy from Smith Gas Pwr. Co.; d. c. W. E. 35 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 110 v.

City cont. 16 tung. 100 & 250 w. 10 cts. per kw; all nt. (winter) & 6 hrs. (summer).

C D L 125

**LIMA,** 30,508—Lima Elec. Ry. & Lt. Co. (Owned by the Ohio Elec. Ry. Co., Springfield, which see for executive officers); bds. $1,250,000.

Supt. H. G. Gilpin ..................Lima
" Light Dept. J. C. Sweeney.... "
Engr. Pwr. Sta. W. Diehl ........ "

3 a. c. G. E. tot. 1750 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. W. E. tot. 775 kw. 550 v; a. c. day & nt. ltg. cir. 112 v; d. c. mo. cir. 220 v; 2000 hp. e. Mcl & S, Tigman, Bckye; 2650 hp. b. Bab. & W; also stm. htg.

City cont. 247 metallic flame arcs 2000 c. p. $57.50 per yr; all nt; coal $2.20.

C D H R S 3 ✠ 16

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The Western Ohio Ry. Co. Gen. office, Lima: pwr. sta., St. Marys, which see for equipment.

*Pres. & Mgr. F. D. Carpenter......Lima
V. Pres. E. F. Gould............Cleveland
Sec. & Treas. L. B. Webster... "
Audr. E. O. Reed...................Lima
¶ Pur. Agt. H. L. Boysell........... "
Supt. R. R. Hayes...........Wapakoneta

Co. serves Rawson, Mt. Cory, Anna, Beaver Dam, St. Marys, New Bremen, Ft. Loramie, Botkins and Sidney; sells energy in bulk to Lima Elec. Ry. & Lt. Co. and The Dayton Pwr. & Lt. Co. (Piqua.)

R ★125

**LINDENWALD.**—The Ohio Elec. Ry. Co. See Springfield.

4 a. c. turbo-gen. West.-Parsons tot. 5250 kw. 390 v. 3 ph. 25 cys; trans. volt. 33,000 v; 4000 hp. b. Bab. & W.

R S 3 16

**LISBON,** 3,084—The New Lisbon Gas Co.; cap. $9,625; bds. $5,000.

*Pres. & Mgr. Theodore H. Munroe, Lisbon
Sec. & Treas. Chas. A. Munroe... "
Ch. Engr. Wm. H. Briggs......... "

Energy purchased from Youngstown & Ohio River Ry. Co.; 9 transf. G. E. C-W. 200 kw; 1 d. c. arc G-E 80 lt; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 220 v. s. & 3 ph. 25 cys; 150 hp. e. Bckye; 100 hp. e. (gas) F. M. & Co, B. M. & A; 120 hp. b. Erie.

City cont. 166 series Mazdas 40-60-100 c. p. $19.50, $20.50 and $25.70 per yr; all nt.

D G L S 1 3 ✠ 75

**LODI,** 1,015—*C. L. V. Williams; cost $8,000.

Engr. Pwr. Sta. Frank Funk..........Lodi

3 d. c. W. E, G. E, F. M. & Co, tot. 95 kw. 220 v; d. c. day & nt. (4.30 A. M. to 12 P. M.) ltg. & mo. cir. 220 v: 50 hp. e. Sknr; 65 hp. e. (gas) Reeves; 60 hp. b. Atlas.

City cont. 68 Mazdas 100 w. $15 per yr. moonlt. mdnt; gas 25, 22½ & 20 cts.

C D G L S ✠ 16

**LOGAN,** 4,850—The Ohio Lt. & Pwr. Co. For officers, see Newark.

2 a.c. Allis-C. tot. 250 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. 2 & 3 ph. 60 cys; 400 hp. e. H. F. & M; 300 hp. b. Erie.

City cont. 77 arcs Westg. 7.5 amp. $67.50 per yr; 4000 incs; all nt; coal $1.

D L S 1 2 3 ✠ 26

**LONDON,** 3,530—Munic. Elec. Lt. Plant; cost $25,000; bds. $5,000.

Bd. of Public Affairs { *Pres. C. T. LeBeau.....London
W. H. Davis............. "
John Foster............ "
¶Supt. & Ch. Elecn. H. W. Dickerson "
Engr. Pwr. Sta. J. R. Holland.... "

2 a. c. Ft. W. 220 kw. 2200-110 v. s. ph. 40 cys; a. c. nt. ltg. cir. 110 v. 40 cys; 305 hp. e. Bckye, Rus; 450 hp. b. Bab. & W, A. & T.

96 city arcs series Ft. W. $53 per yr; moonlt; all nt; coal $2.14.

L S 1 ✠ 20

* **LORAIN,** 28,883—See Elyria.

Engr. Pwr. Sta. W. C. Worley......Lorain

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 350 a. c. series arcs 2000 c. p. $64 per yr; all nt.

D L 1 3 125

**LOUDONVILLE,** 1,804—Munic. Elec. Lt. Plant; bds. auth. $20,000; issued $12,250.

Pres. Bd. F. W. Graff........Loudonville
V. Pres. S. A. Losh.......... "
Sec. E. W. Beardsley......... "
*Clerk, O. H. Swanson....... "

1 a. c. Ft. W. 125 kw. 110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 1 arc Ft. W. 60 lt; 160 hp. e. Erie.

55 city Mazdas; moonlt; coal $1.74.

L S 3 75

**LOUISVILLE,** 1,678—Canton Elec. Co. See Canton.

**LOVELAND,** 1,421—Loveland Lt. & Wtr. Co. (Successor to The Loveland Citizens Elec. Co.); cap. outstg. $30,000.

Pres. & Treas. A. E. Jones....Cincinnati
V. Pres. F. C. Fobel........... "
Sec. Chas. Gordon.............. "
¶ Mgr. Reliance Engrg. Co.... "
*Gen. Supt. Wm. Cox............Loveland
Engr. Pwr. Sta. D. Gordon...... "

2 a. c. Burke tot. 300 kw. 2200-220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v; 400 hp. e. Erie City; 400 hp. b. Atlas; also 20-ton ice plant (Triumph.)

City cont. 50 enc. arcs 6.6 amp. $60 per yr; moonlt; coal $2.15. (Co. also lts. Twightwee, Epworth Heights and Branch Hill.)

D I L S 3 ✠ 25

**LOWELLVILLE,** 1,592—Munic. Elec. Ltg. System.

Board of Trustees Public Affairs { *¶ Mgr. Robt. Gray, Lowellville
Dr. Paul H. B. Smith "
C. J. Zuercher..... "
Clerk, Eliza Gray... "
Treas. H. W. Williams........ "
Elecn. J. N. Weirick.......... "

Purchases energy from Youngstown & Sharon St. Ry. Co. at 2½ cts. per kwh; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 2 ph. 60 cys.

68 city Mazda & nitro. lamps 100 w. all nt.

D L 2 ★125

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Youngstown & Sharon St Ry. Co. See Youngstown.

3 a. c. turbo-gen. G. E. tot. 30,000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 22,000 v. 3 ph. 60 cys; 9000 hp. b. Edge.

R S 3 26

**LYNCHBURG**, 923—Munic. Elec. Lt. Plant; cap. $20,000; cost $16,000.
Pres. U. G. Pence..............Lynchburg
*Sec. H. B. Galliett............ "
Treas. W. L. Stautner......... "
¶Mgr. C. W. Morrow............ "
Engr. Pwr. Sta. I. A. Worrell. "

1 a. c. Ft. W. 100 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 120 hp. e. Ham; 180 hp. b. Allfree, Atlas.

City cont 34 arcs. Wood, 500 w. $30 per yr; moonlt; coal $2.15.

L S 1 14

**McARTHUR**, 1,107—Munic. Elec. Lt. Plant; cost $6,000; no bds.
Sec. Bd. of Public Service,
Geo. W. Specht...............McArthur
Vil. Clerk, E. H. Perkins...... "
Treas. L. L. Leach.............. "
*¶Supt. & Ch. Elecn.
Harry Partlow "

1 d. c. C-W. 35 kw. 220 v; no day cir; 60 hp. e. Rus; 75 hp. b. Rus.

26 city arcs; coal $1.87½.

C L S ✠ 25

**McCOMB**, 1,087—Munic. Elec. Lt. Plant; cost $8,000.
Village Pres. R. A. Robher......McComb
*Clerk, A. Keel.................... "
Treas. C. B. Baker.................. "
Mgr. B. L. Gault............... "
¶ Pur. Agt. Village Board....... "
Elecn. Wallace Mowery......... "
Engr. J. M. Wright............. "

1 d. c. arc Sprague 20 lt; 1 d. c. Mil. 62½ kw. 220 v; no day cir; 125 hp. e. Ham. Cor; 225 hp. b. Erie, Ricard.

18 city arcs A. B. 2.5 amps. $75 per yr; 20 incs. 32 c. p; all nt; coal $2.25.

C L S ✠ 74

**McCONNELSVILLE**, 1,831—The McConnelsville-Malta Elec. Co. Office, McConnelsville; gen. sta., Malta; cap. outstg. $28,000; no bds.
Pres. —— ———
*Sec. & Treas.
W. A. Cosgrave .........McConnelsville
Mgr. C. C. Gallaher, Parkersburgh, W.Va.

1 a. c. West. 180 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 75 hp. e. (gas) St. Marys; 260 hp. wtr. wh. Platt, Victor.

City cont. 55 arcs. a. c. 6.6 amp. $60 per yr; 48 st. series incs. 6.6 amp. $20 per yr; moonlt; gas 22 cts. (Co. also lts. Malta.)

D G L W 1 25

**MADIERA**, 500—The Interurban Elec. Lt. & Pwr. Co. Office, Rm. 815, 4th Nat'l Bank Bldg., Cincinnati; cap. outstg. $1,600.
*Pres., Sec. & Treas.
H. H. Hoffman................Cincinnati
Audr. H. E. Frost...............Norwood

Energy purchased from Cincinnati & Columbus Traction Co.; a. c. day & nt. ltg. & mo. cir

City cont. 27 cluster lts. $25 per yr. 11 P. M.

D L X 125

**MALTA**, 971 — The McConnelsville-Malta Elec. Co. See McConnelsville.

**MANCHESTER**, 1,966—Munic. Elec. Lt. Plant; cost $16,000; bds. $14,500.
Pres. Bd. D. J. Stableton.....Manchester
Clerk. S. N. Greenlee......... "
*¶Supt. B. P. Stone........... "
Engr. Pwr. Sta. Robt. Cole... "

1 a. c. Warren 90 kw. 2200-110 v. s. ph. 60 cys; no day cir; 125 hp. e. Mansfield; 300 hp b. Ricard, B. & E.

10 city arcs enc; 55 st. series tung. 6.6 amp; moonlt; coal $2.10.

L S 1 16

**MANSFIELD**, 20,768—Mansfield Ry., Lt. & Pwr. Co. Office, 3 N. Main St.; cap. $1,000,000; bds. $942,000, 5 p.c. int.
Recr. & Pres. S. N. Ford........Mansfield
V. Pres. F. L. Fuller............Cleveland
¶ Sec. Treas. & Gen. Mgr.
S. A. Foltz.........................Mansfield
*Supt. Lt. & Pwr. G. W. Strong "
Engr. Pwr. Sta. C. H. Massa.... "

4 a. c. Bull. W. H. tot. 1700 kw. 2300 v. 2 ph. 60 cys; 2 d. c. Bull. W. H. tot. 600 kw. 600 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 2 ph. 60 cys; d. c. mo. cir. 500 v; 3000 hp. e. Cpr, Allis-C, Bates: 2700 hp. b. Bab. & W; also purchases energy from Cleveland Southwestern & Columbus Ry. Co.; 1 transf. W. H. 525 kva; 1 rotary conv. W. H. 500 kw.

City cont. 226 arcs G. E. 6.6 amp. $60 per yr: 225 tung. & nitrogen 6.6 amp. 100 c. p. $30 per yr; Frund system; gas 11 cts. (Will install new ltg. system—nitrogen filled lamps only.)

C D R S 2 75a

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The Mansfield Elec. Lt. & Pwr. Co.; cap. $35 000.
Pres. C. E. Carter ..............Mansfield
V. Pres. Ira L. Neely............ "
*Sec. & Treas. Wm. C. Hedges.. "

1 a. c. turbo-gen. West. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220 v; 900 hp. b. Bab. & W.

Gas 11 cts.

D L S 3 §115

**MARBLEHEAD**, 997—The Marblehead Pwr. Co.; cap. $5,000.
*Pres., Treas. & Mgr.
J. A. Kling, Cleveland
V. Pres. A. Y. Gowen,
10 E. Schiller St., Chicago, Ill.
Sec. T. C. Wellsted..............Cleveland
¶Pur. Agt. John Nelisse........ "
Cont. Agt. & Supt. G. J. Whelan
Marblehead
Ch. Engr. G. W. Lapp......... "

2 a. c. Allis-C. tot. 112 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 2200-220 v; 75 kw. e. Skinr; 37½ kw. stm. turb. Kerr.

City cont. 72 Mazdas 40 w. $18 per yr; all nt; coal. (Co. also lts. Lakeside.)

D L S 3 ✠ ★16

**MARIETTA**, 12,923—Munic. Electric Lt. Plant. Office, Front & Butler Sts; cost $42,000.
¶Clerk, L. E. McVey ...........Marietta
*Supt. J. F. Schlumberger...... "
Ch. Engr. John Gordon.......... "

6 arc Ft. W, Jenney tot. 235 lt; 1 a.c. Warren 75 kw. 2200-110 v. s. ph. 60 cys; no day cir; 100 hp. e. Bckye; 250 hp. b. Marietta.

478 city incs. series 250-438 w. $20.10 per yr; moonlt; gas 8 cts.

L S 1 ★125

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Kanawha Trac. & Elec. Co. See Parkersburgh, West Va.

**MARION**, 18,232—The Columbus, Delaware & Marion Ry. Co. Office, 100 W. Gay St., Columbus. Gen. stas. at Stratford, Marion, Prospect and Chaseland.
*¶Receiver Sec. & Treas.
Eli M. West......................Columbus
Audr. W. H. Davidson......... "
Supt. J. H. Lahrmer............ "
Supt. Motive Power & Ch. Engr.
A. F. Rolston...............Delaware
Supt Ltg. Dept.
Frank Glosser..............Marion
Engr. Pwr. Sta. Wm. Butcher..Delaware

Total equip; 3 a. c. G. E. tot. 3550 kw. 2300 v. 3 ph. 25 & 60 cys; 1 d. c. G. E. 400 kw. 550 v; a. c. day & nt. ltg. cir. 115 v;

a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 600 v; 600 hp. e. McI & S; 3550 kw. turb. (stm.) Curtis G. E; 2500 hp. b. Heine; 10 transf. G. E., Ft. W. tot. 320 kw; 9 rot. conv. G. E. tot. 2700 kw; 1 mo. gen. G. E. 75 kw; 2 frequency changers G. E. tot. 400 kw.

City cont. 184 a. c. series arcs $65 per yr; 39 Mazdas 80 cp. $19.20 per yr; all nt; coal $1.95. (Energy furnished to Prospect Elec. Co.)

C D R S 3 25

**MARTINS FERRY**, 9,133 — Munic. Elec. Lt. Plant; bds. auth. & outstg. $42,000, 5 p. c. int.

*Dir. of Public Service
B. Brown.................Martins Ferry
Supt. & Ch. Engr.
J. W. Tush.............. “ “

2 a. c. Bull. Allis-C. tot. 800 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Bull. Allis C. tot. 40 kw. 125 v; 1 rect. West. 50 lt; a.c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1100 hp. e. Ham. Bckye; 60 hp. b. Erie.

137 city arcs. 1000 c. p. $55 per yr. 10,000 Gem. 7½ cts. per kw; all nt; coal $1.47.

C D L S 1 3 25

**MARYSVILLE**, 3,576—The Marysville Lt. & Wtr. Co, 114 West 5th St.; cap. $200,000; no bds.

Pres. Thos. W. Sharrer........Marysville
V. Pres. Chas. Braun........... “
Sec. J. M. Lentz ................ “
Treas. W. C. Fullington........ “
*Supt. Mayne Mackan.......... “
Engr. Pwr. Sta. Frank Mackan “

2 a. c. G. E. tot. 400 kw. 500 kva. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 50 kw. 250 v; 1 d. c. arc G. E. 90 lt; a. c. day & nt. ltg. cir. 118 v; a. c. mo. cir. 240 v; d. c. mo. cir. 250 v; 500 hp. stm. turb. G. E; 800 hp. b. Heine, Wickes; also ice plant.

City cont. 70 arcs G. E. 4 amp. 320 w. $65 & $60 per yr; moonlt. 1 A. M; coal $1.80. (Sells energy in bulk to Union Lt. & Wtr. Co., Milford Center.)

C D I L S 3 125

**MASSILLON**, 13,879—Massillon Elec. & Gas Co. (Controlled by the Cities Service Co., and operated by the Doherty Organization, 60 Wall St., New York, N. Y); cap. outstg. $585,000; bds. $480,000.

Pres. Henry L. Doherty..... } New York,
1st V. Pres. Frank W. Frueauff } N. Y.
*¶2nd V. Pres., Treas. &
Mgr. T. O. Kennedy............Massillon
Asst. Sec. F. W. McKenzie..... “
Cont. Agt. O. A. Acuff........... “
Supt. A. V. Wynne............... “
Engr. Pwr. Sta. W. M. Wagner.. “

6 a. c. G. E, West. tot. 11,000 kw. 2200 v. 3 ph. 60 cys; 2 d. c, Ft. W. tot. 300 kw. 220-110 v; 5 rect. G. E. tot. 150 kw; trans. volt. 11,000 & 22,000 v; a. c. day & nt. ltg. cir. 113 v; d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. day & nt. mo. cir. 220 v; 950 hp. e. Bckye, Rus; 9000 hp. b. Stir, Heine; 10,000 kw. turb. (stm.) West.

City cont. 180 arcs Ft. W. 6.6 amp. $69.50 per yr; 189 tung. 6.6 amp. 50 c. p. $12 per yr; moonlt; coal $1.65. (Co. also lts. Canal Fulton, Orrville, Navarre and Dalton; sells energy wholesale in Brewster.)

C D N S 3 ✠ ★125

**MAUMEE**, 2,307—The Defiance Gas & Electric Co. (Successor to Valley Lt. & Power Co.)

Local Mgr. H. E. Lovett..........Maumee

Energy purchased from Maumee Valley Elec. Co. and Auglaize Pwr. Co.; 2 arcs G. E. tot. 300 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph.

City cont. 160 arcs G. E, West. 4 amp. $45 & $50 per yr; 20 Mazdas 60 w. $28 per yr; all nt. (Trans. to Perrysburg, Rossford, Swanton, Whitehouse and Toledo outskirts.)

D L 1 3 ✠ ★125

**MECHANICSBURG**, 1,446—The Mechanicsburg Lt. & Pwr. Co. (Owned by The Long Mfg. Co.); cap. outstg. $18,000.

Pres. T. J. Long...........Athens, Tenn.
*Treas. & Mgr.
Fritz Long ...............Mechanicsburg
Ch. Engr. C. H. Reed...... “
Engrs. } I. M. Byrd.... “
Pwr. Sta. } Harry Black.. “

3 d.c. Northn, Bull, West, tot. 200 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 200 hp. e. Greenwald, Ham; 200 hp. b. Brnl, Bab. & W.; 35 hp. e. (gas) Foos; 35 hp. gas pro. Smith; also ice plant.

City cont. 40 arcs series & mult. $60 per yr. moonlt; coal $2.10.

C D G I L S ✠ ★125

**MEDINA**, 2,734—Medina Elec. Lt. & Pwr. Co. cost $27,500.

*Owner F. O. Phillips.............Medina
¶Mgr. O. B. Phillips............... “
Ch. Engr. Wm. Thompson......... “

2 d. c. Akron, Triumph, tot. 175 kw. 250 v; d. c. day & nt. ltg. cir. 250 v; 175 hp. e. Ideal; 200 hp. b. Bckye.

City cont. 120 series Mazdas 80 c. p. $1.50 per yr; all dark hrs; coal $2.15.

C D L S 125

**MEDWAY**, 400—The Ohio Elec. Ry Co. See Springfield.

5 a. c. W. E. Ham. G. E. tot. 5350 kw. 390-2300-6600 v. 3 ph. 25 cys; trans. 26,400 v; 3825 hp. b. Bab. & W.

R S 3 16

**MIAMISBURG**, 4,271—Munic. Wtr. & Elec. Lt. Plant; cost $27,000; bds. $19,000.

Pres. Jacob Klaiber ..........Miamisburg
V. Pres. Clarence B. Zell.... “
Sec. G. W. Smith............ “
*Supt. Frank DeWitt......... “
Engr. Pwr. Sta. G. B. Stansell “

2 a. c. West. tot. 400 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 550 hp. e. Bckye; 450 hp. b. Brnl, Gem City.

70 city arcs 6.6 amp. $40 per yr; 93 Mazdas 100 c. p. $12 per yr; moonlt; coal $2.15.

D L S 2 35

**MIDDLEFIELD**, 640—Ohio Pail Co.

*Pres. & Mgr. Joe. E. Johnson. Middlefield
V. Pres. & Sec. Hugh G. Johnson “

1 d. c. Tri. 60 kw. 220 v; d. c. nt. ltg. cir. 220 v; 60 hp. e. Erie; 80 hp. b. Erie.

City cont. 40 inc. 60 w. $18 per yr. moonlt; coal $2.50.

C L S ✠ 25

**MIDDLEPORT**, 3,194 — The Mutual Elec. Co. Office, Middleport; cap. outstg. $25,000; no bds.

Pres. H. D. Manington...........Columbus
*V. Pres. & Gen. Mgr.
P. C. Morris.....................Nelsonville
¶Sec. & Treas. J. B. Poston........Athens
Cont. Agt. E. Wessel................ “
Gen. Supt. S. M. Haffey............ “
Supt. Ovhd. Distrbn.
T. A. May.......................Middleport
Engr. Pwr. Sta. E. P. Wessa.. “

2 a. c. Bull, West. tot. 450 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. & 2 ph. 60 cys; 510 hp. e. (gas) Bessemer, West.

City cont. 250 type “C” lamps 1000 c. p. (5), 600 c.p. (5), 250 c. p. (29), 100 c. p. (10), 80 c. p. (87), 60 c. p. (63) & 40 c. p. (51) $57.50, $51.50, $38, $19, $14, $10 & $8 per yr. all nt; gas 17 cts. (aver.). (Also lts. Pomeroy.)

D G L 1 2 ✠ ★16

**MIDDLETOWN,** 13,152—Middletown Gas & Elec. Co.; cap. $303,100; bds. $350,000.
Pres. A. H. Walburg.........Middletown
V. Pres. & Sec. J. A. Aull.... "
*Treas. & Mgr. L. C. Anderson. "
¶Supt. F. E. Shirtzinger...... "
5 a.c. G. E. Allis-C. tot. 2900 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220-440 v. s. & 3 ph; 300 hp. e. Bckye; 760 hp. b. Stir; 2400 hp. stm. turb. Allis-C; 500 hp. e. (gas) Bessemer.
City cont. 219 arcs. G.E. enc. 7 amp. $60 per yr; 64 Mazdas type "C" 80 c. p. $25 per yr; all nt; coal $2.13. (Co. also lts. West Middletown and sells energy in bulk to Franklin Elec. Lt. Co.)
D G L S 1 3 ✠ 25

**MILAN,** 696—Munic. Elec. Lt. Plant; bds. $8,150.
¶Pres. Bd. D. S. Morrow ..........Milan
*Sec. Wade Roberts................ "
Treas. Everton Ruggles............ "
Engr. Pwr. Sta. W. E. Hettel...... "
Purchases energy from Lake Shore Elec. Ry. Co.; day & nt. service.
Series tungsten st. ltg.
D L ★16

**MILFORD,** 1,321—Cincinnati, Milford & Loveland Trac. Co. Office, 510 Sycamore St., Cincinnati; cap. $1,650,000; bds. $500,000.
Pres. & Gen. Mgr. C. C. Harris, Cincinnati
Sec. J. N. Roberts............... "
Treas. C. W. Baker............ "
*¶ Audr. A. C. Wenzel......... "
Engr. Pwr. Sta. Chas. W. Carson.. Milford
2 a. c. Bull. tot. 500 kw. 2300 v. 3 ph. 60 cys; d. c. pwr. cir. (st. ry.) 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 1500 hp. e. Allis-C; 800 hp. b. Stir.
City cont. 20 arcs 1200 c. p. $64 per yr; 50 incs. $9.40 per yr; 5 P. M. to 1 A. M.; coal $2.10. (Also lts. Terrace Park.)
C D R S 3 36E

**MILFORD CENTER,** 685—Union Lt. & Wtr. Co.; cap. outstg. $12,000; bds. $8,000.
Pres. J. L. Baylon ........Milford Center
V. Pres. E. A. Schambs.........Richwood
Sec. & Treas. L. H. Osborne
Milford Center
*¶Mgr. & Cont. Agt.
M. H. Dea.............. "
Energy purchased from The Marysville Lt. & Wtr. Co., 6600 v. 3 ph. 60 cys; G. E. & West. transf. tot. 80 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir.
City cont. 26 arcs West. series 7.5 amp. $70 per yr.
D L 3 ★85

**MILLERSBURG,** 2,020—The Citizens Lt. & Pwr. Co. (Successor to Millersburg Elec. Lt. Co.) Office, 322 Leader News Bldg., Cleveland; cap. outstg. $16,000; no bds.
Pres. W. L. Koch.............Millersburg
V. Pres. W. D. Clark..........Cleveland
*Sec. M. W. Queberg............ "
¶Mgr. F. B. Carr................ "
Supt. Chas. Lohess...........Millersburg
Engr. Pwr. Sta. John Fauer.. "
2 a. c. West. tot. 320 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 255 hp. e. (gas) Hall.
City cont. 40 arcs 1500 c. p. $72 per yr; moonlt. 11 P. M.; gas.
D G L 1 ✠ 35

**MINERAL CITY,** 1,032—Munic. Elec. Lt. Plant; cost $5,000; bds. $5,000.
Board of Trustees
J. J. Kline.....Mineral City
E. G. Sweany.... "
Julius Mathey .. "
*Supt. & Engr. Pwr. Sta.
C. K. Zimmer.............. "
1 arc Ft. W. 50 lt; 2 d. c. West. Northn. tot. 50 kw. 250 v; d. c. mo. cir. 500 v; 75 hp. e. Rus; 80 hp. b. Dayton Gem City.
29 city arcs; 950 city incs. 16 c. p. 5 cts. per kw; 11.30 P. M; coal $1.50.
C L S ✠ 125

**MINERVA,** 1,396—Munic. Elec. Lt. Plant; cost $5,000; bds. auth. & outstg. $4,000, 6 p. c. int.
*Pres. Albert Boory .............Minerva
V. Pres. J. Shumaker............ "
¶Sec. F. A. Unkefer........... "
Ch. Engr. & Elecn. Wm. Fry.... "
1 arc Ball 45 lt; 1 a. c. Burk 80 kw. 1100-110 v. 3 ph. 60 cys; 150 hp. e. Erie; 100 hp. b. Erie.
Mdnt; coal $1.57.
L S 3 ★125†

**MINGO JUNCTION,** 4,049—The Mingo Junction Lt. Co. (Part of West Penn. Traction System); cap. $10,000.
Pres. R. E. Insull............Chicago, Ill.
V. Pres. Williston Fish...Pittsburgh, Pa.
Sec. W. A. Shirley.....Wheeling, W. Va.
Treas. H. S. Swift........Pittsburgh, Pa.
Mgr. J. S. Jenks.......... " "
Supt. & Cont. Agt.
C. M. Dutton............Mingo Junction
Gen. Supt. J. S. Johnston
Wheeling, W. Va.
¶ Pur. Agt. Russell Poe.. " "
Energy purchased from Brooke Elec. Co. through sub-sta at Wellsburg, W. Va; trans. 1100 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.
City cont. 111 Mazdas "C" 6.6 amp. 400 c. p. (6), 250 c. p. (55) & 80 c. p. (50) $55, $40 & $25 per yr; all nt. (Also lts. Deandale and George's Run.)
D L X ★125

**MINSTER,** 1,583—Munic. Elec. Lt. Plant; cost $24,500.
Mayor, Jos. E. Schmieder........Minster
Sec. Aug. Schunck................ "
*Supt. & Ch. Elecn. H. B. Sage.. "
Engr. Pwr. Sta. M. W. Utz....... "
Asst. Engr. H. Busch............ "
3 d. c. West, Ft. W, C-W. tot. 187½ kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 300 hp. e. (gas) Foos, West, Nash.
60 city Mazdas 80 & 250 w; moonlt. all nt; nat. gas 35 cts.
C D G L ★16

**MONROEVILLE,** 1,152—Munic. Elec. Lt. & Wtr. Wks.; bds. $8,500, 5 p. c. int.
Pres. Wm. Luttenton.........Monroeville
¶ Sec. of Bd. E. M. Alberts.. "
*Supt. Wm. Boehlen......... "
Ch. Engr. & Elecn.
F. A. Moody............... "
1 a. c. Ft. W. 50 kw. 2200-110 v. s. ph. 133 cys; 150 hp. e. Rus; 150 hp. b. Erie.
30 city arcs Stanley; 100 carbon 50 w; moonlt; gas 15 cts.
L S 1 35E

**MONTPELIER,** 2,759—Munic. Elec. Lt. Plant.
Pres. D. A. Leu.................Montpelier
Clerk, E. Hall.................. "
*¶Supt. & Ch. Engr.
A. E. Waymire.............. "
2 a.c. Ft.W. tot. 275 kw. 2200-110 v. s. & 2 ph. 60 cys: a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph; 385 hp. e. Rus, Am, Ball; 460 hp. b. Stir, McN.
50 city lamps a. c. series 7.5 amp; 12 Mazda series 7.5 amp; mdnt. & all nt; 21 carbons (City Bldg.); coal $2.75.
D L S 1 2 36E

**MORROW,** 832—*The People's Elec. Co.; cap. $12,000; no bds.
Pres. F. M. Couden..............Morrow
Ch. Engr. Lester Gordon......... "
Ch. Elecn. John Milligan........ "

2 d. c. G. E, Three Rivers tot. 115 kw. 240 v; no day cir; 100 hp. e. Atlas; 100 hp. b. Ames; 150 hp. turb. (wtr.) Leffel.

City cont. 40 Madzas $62.50 per yr; Phila. moonlt; coal $2.75.

C L S W ✠ 73

**MT. BLANCHARD,** 451—*Mt. Blanchard Lt. & Wtr. Co.
Mgr. Bert L. Marvin......Mt. Blanchard
Engr. Pwr. Sta. Dale Rummell "

2 d. c. Northern, Peerless tot. 37½ kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 100 hp. e. (gas) St. M. Reeves.

City cont. 26 incs. 100 w. $24 per yr; midnt; gas 30 cts. per M. (Also distributes in Wharton and Vanlue.)

C G L 84

**MT. GILEAD,** 1,673—Mt. Gilead Wtr., Lt., Ht. & Pwr. Co.; cap. auth. & pd. in $70,000; no bds.
Pres. Mark Cook.............Mt. Gilead
V. Pres. C. L. Russell......... "
*¶Sec., Treas. & Mgr.
W. E. Miller................. "
Ch. Engr. & Elecn. G. F. Fissell "

1 arc Ft. W. 60 lt: 2 a. c. Ft. W. tot. 150 kw. 1000-120 v. 3 ph. 133 cys; no day cir; 80 hp. e. Erie; 150 hp. b. Erie.

City cont. 46 series tung. $60 per yr; 12 tung. 80 c. p. $18.50 per yr; moonlt; gas.

L S 3 125

**MT. STERLING,** 1,071—Munic. Elec. Lt. & Wtr. Wks; cost $31,000.
Pres. Bd. Herman Carter....Mt. Sterling
*Sec. & Treas. J. S. Core..... "
Engrs. Pwr. Sta. { Geo. Sypherd.... "
{ Thos. Fitzgerald "

2 a. c. Ft. W. tot. 150 kw. 1100 v. — ph. 133 cys; a. c. ltg. cir. 110 v; 210 hp. e. C. & T, Rus; 300 hp. b. Phoenix.

73 city series tung. 4 amp. 100 c. p; moonlt. mdnt; gas $185 per mo.

L S X ★125

**MT. VERNON,** 9,087—The Ohio Lt. & Pwr. Co. For executive officers, see Newark.
Supt. A. J. Darrah............Mt. Vernon
Engr. Pwr. Sta. H. A. Farst. "

2 a. c. West. tot. 875 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Eddy, G. E. tot. 310 kw. 550 v; a. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220 v; 875 kw. stm. turb. West; 1200 hp, b. Stir.

City cont. 180 arcs G. E. 450 w. $60 per yr; moonlt; gas 12 cts. (Also lts. Academica and Fredericktown.)

C D L S 3 ✠ 26

**MURRAY CITY,** 1,386—The Hocking Pwr. Co. See Nelsonville.

a. c. day & nt. ltg. cir. 110 v. 60 cys.

D L ✠ 16

**NAPOLEON,** 4,007—Munic. Wtr. Wks. & Elec. Lt. Plant; cost $128,000; bds. outstg. $107,000.
Bd. of Trustees { Pres. F. W. Reiter..Napoleon
{ A. E. Augenstein... "
{ P. H. Reickert...... "
Sec. M. V. Meckison........... "
Supt. & Ch. Engr. D. A. Hull.. "

6 a.c. E. M. Co. tot. 490 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Rus; 150 hp. turb. (wtr.) Triumph; 575 hp. b. Stir.

140 city tung. all nt; coal $2.

D L S W 3 75

**NAVARRE,** 1,500—Massillon Elec. & Gas Co. See Massillon.

a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. series tung. 100 w. 6.6 amp. moonlt.

D L 3 125

**NELSONVILLE,** 6,082—The Hocking Pwr. Co. Office, Nelsonville; cap. outstg. $60,000.
Pres. H. D. Manington.........Columbus
*V. Pres. & Mgr. P. C. Morris. Nelsonville
¶Sec. & Treas. J. B. Poston.......Athens
Cont. Agt. E. Wessel............... "
Gen. Supt. S. M. Haffey.......... "
Supt. Ovhd. Distribn.
R. M. Stumm.................Nelsonville

Energy purchased from The Central Elec. Producing Co. 11,000 v. 3 ph. 60 cys; 3 transf. Pitts. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 60 Mazdas 80 c. p. $20 per yr. all nt. (Also lts. Buchtel and Murray City.)

D L 3 ✠ ★16

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Munic. Elec. Lt. Plant; cost $30,000; bds. $34,000.
*¶Mgr. Ed. A. Mills.............Nelsonville
Cont. Agt. C. C. Sharp ....... "
Engr. Pwr. Sta. E. E. James.. "

2 a. c. G. E. tot. 435 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 3 ph. 60 cys; a. c. day & nt. mo. cir. s. ph. 60 cys; 488 hp. e. Rus, Sknr; 525 hp. b. Titusville.

93 city arcs A. B. series 75 v. 6.6 amps. $54 per yr. all nt; coal $1.23.

D L S 1 3 ✠ 75

**NEWARK,** 25.404—Munic. Elec. Lt. Plant; cost $24,000.
Pres. Bd. W. C. Christian........Newark
*Ch. Engr. Pwr. Sta. Frank Queen "

1 a. c. Westg. 260 kw. 2200 v. 2 ph. 60 cys; 350 hp. e. Ham. Cor; 150 hp. b. Fulton.

416 city arcs enc. 2000 c. p. $23.06 per yr. 80 incs. "C"; moonlt; coal $1.60

L S 2 75

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The Ohio Lt. & Pwr. Co. Offices, Newark (Southern Div.) & Tiffin (Northern Div.) (Operates ten gen. stas. as follows: Northern Div.—Tiffin, Fremont & Fostoria; Southern Div.—Crooksville, Lancaster, Logan, Mt. Vernon, Newark, Shawnee & New Lexington.) (Controlled by American Gas & Elec Co., 30 Church St., New York.)
Pres. A. E. Breed.......New York, N. Y.
V. Pres. Geo. N. Tidd.. " "
Sec. & Treas.
Frank B. Ball......... " "
¶Mgr. Frank Espy................Newark
Ch. Engr. Pwr. Sta.
E. J. Wagenhals................ "

3 a. c. turbo-gen. Allis-C., Curtis tot. 7000 kva 4000 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 175 kw. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 220 v; 2000 hp. b. Bab. & W; coal $160 (Co. has 143 miles 60,000 v. 3 ph. trans. line.)

C D N S 3 ✠ ★26

**NEW BREMEN,** 1,586—Munic Elec. Lt. & Wtr. Plant; cost $36,878.44; bds. $45,000.
Mgr. Bd. of Public Affairs,
H. Dierker.....................New Bremen
V. Pres. F. W. Rabe......... "
*Clerk, C. P. Gress .......... "
¶ Supt. Ed. Paul............. "
Engrs. Pwr. Sta. { Arthur Mueller.. "
{ Ernest Frickenstein "

3 d. c. W. E. West. tot. 15 kw. 120 v; 3 a. c. W. E, West. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 75 hp. e. (gas) St. Marys; 110 hp. turb. De Laval; 160 hp. b. Shaw, Kendal.

111 city tung. series G. E. 40 to 60 w. $24 per yr; 7250 com. tung. & carbon, 40-60-100 w; all nt; coal $2.60; gas 35 cts. per M.

C D G L S 3 ✠ 22

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The Western Ohio Ry. Co. See Lima.

**NEW CARLISLE,** 1,058—The Dayton Pwr. & Lt. Co. See Dayton.

**NEWCOMERSTOWN,** 2,943 — Newcomerstown Lt., Ht. & Pwr. Co.; cap. $27,950; no bds.
Pres. H. Hess............Newcomerstown
V. Pres. T. S. Brooks..........Columbus
*¶ Sec., Treas. & Mgr.
R. L. Shoemaker......Newcomerstown
Supt. M. Myers.......... "
Engr. Pwr. Sta. Chas. Ellis "

1 a. c. Westg. 225 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 450 hp. e. Brown.

City cont. 68 arcs A-B 6.6 amp. $65 per yr; all nt; coal $1.10.

L S 2 ✢ 25

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The Ohio Service Co. See Coshocton.

**NEW CONCORD,** 600—Munic. Light Plant. (This plant will be taken over by The Ohio Service Co. and trans. line erected from Cambridge to New Concord); cost $12,000; bds. $2,000.
Pres. Bd. W. G. McKinney..New Concord
¶ V. Pres. J. A. Young..... "
Sec. C. V. Cain ............ "
Engr. Pwr. Sta.
Wm. Maholm............ "

1 a. c. West. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day (Tues. A. M.) & nt. ltg. cir. 110 v. 60 cys; 90 hp. e. (oil) F. M. & Co.

50 city series tung. 6.6 amp. 100 w. $20 per yr; mdnt; oil 4⅛ cts. (Energy sold in bulk to New Concord Wtr. & Elec. Co.)

D G L 3 16w

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New Concord Wtr. & Elec. Co; cap. $20,000; bds. $17,000.
Pres. & Treas. C. M. Trace..New Concord
V. Pres. Harry M. Shaw... "
Sec. W. F. Lemon.......... "
*¶ Gen. Mgr. A. R. Johnson "

At present purchasing energy from City, 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v.

City cont. (Lincoln Place) 12 tung. series 6.6 amp. 40 w. $13 per yr; mdnt. (Power-house completed; equipment not yet installed.)

L 3 75

**NEW LEXINGTON,** 2,559—The Ohio Lt. & Pwr. Co. For officers, see Newark.

2 a. c. West. tot. 900 kw. 2400 v. 2 ph. 60 cys; a. c. nt. ltg. & mo. cir. 100 v. 60 cys; 225 hp. e. (gas) Bessemer.

City cont. 50 arcs 2000 c. p. $70 per yr; all nt; nat. gas 20 cts.

G L 2 ✢ 26.

**NEW LONDON,** 1,557—Munic. Elec. Lt. & Pwr. Plant; cost $12,000; bds. $12,000, 4 p. c. int.
Pres. Bd. O. G. Carter.......New London
V. Pres. M. R. Colman..... "
*Clerk, W. P. Curtis....... "
City Treas. E.E. Townsend "
Engr. Pwr. Sta. S. J. Kelley "

4 d. c. G. E. tot. 160 kw. 125 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 115-230 v; 215 hp. e. Buffalo, Erie; 110 hp. b. Warren.

1 city arc; moonlt. 11.30 P. M; coal $2.05.

C D L S ★125

**NEW MADISON,** 628—New Madison Ltg. Co.; cap. $3,500.
Pres. W. R. Hageman......New Madison
V. Pres. J. D. King......... "
Sec. & Treas. J. A. Flaig.. "
*Supt. Carl Katzenberger.. "

Purchases energy from Greenville Lt. & Pwr. Co.; a. c. day & nt. ltg. cir.

City cont. 38 incs. $25 per yr. moonlt.

D L X 125

**NEW PHILADELPHIA,** 8,542—The Ohio Service Co. For executive officers, see Cambridge.
Dist. Supt. E. H. Ramsbothan
New Philadelphia

4 a. c. G. E. tot. 1700 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-440-220 v; 900 hp. e. Cpr., Cor; 1000 hp. b. Erie City; 1250 kva. G. E. stm. turb; 400 hp. turb. (wtr.) Leffel; also stm. htg; connected by trans. line 13,200 & 33,000 v. to Coshocton; 6 transf. G. E. tot. 900 kw.

City cont. 145 nitro. lamps 600 c. p. $50 per yr. and 14 incs. 60 c. p. $20 per yr; coal $1.25. (Trans. to Canal Dover, Strasburg and Uhrichsville.)

D H R S W 3 ✢ ★36

**NEW RICHMOND,** 1,733 — Munic. Elec. Lt. & Wtr. Wks; cost $30,000; bds. $30,000, 3 p. c. int.
Pres. G.W.Cason.........New Richmond
*V. Pres. & Sec.
Elmer Fridman......... " "
Treas. L. F. White ....... " "

1 a. c. West. 60 kw. 1100-104 v. s. ph. 60 cys; no day service; 120 hp. e. Greenwald; 160 hp. b. Std.

Cutter lamps moonlt.

L S 1 ✢ ★36E

**NEW STRAITSVILLE,** 2,242 — The Ohio Lt. & Pwr. Co. See Shawnee.

**NEWTON FALLS,** 757--Elec. Lt. & Pwr. Co.
*Propr. J. W. Carr..........Newton Falls

Purchases energy from The Trumbull Public Service Co., Warren; 1 a.c. Warren 60 kw. 2300-110 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 115 v; 100 hp. e. Rus; 100 hp. b. Erie.

City cont. 20 arcs 2000 c. p. $72 per yr; moonlt; coal $1.50.

D L S 1 ✢ 73

**NILES,** 8,361—Munic. Elec. Ltg. & Wtr. Wks. System; cost $50,000; bds. $30,000.
Sec. C. D. Calhoun..................Niles
Treas. H. Rosensteel................ "
*Mgr. B. Holloway.................... "
Audr. Homer Thomas............... "
Supt. Ovhd. Distrbn. John Kidd.... "

Purchases energy from Trumbull Public Service Co., Warren; 6 transf. Enterprise tot. 600 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

800 city type "C" lamps 60-500 w; moonlt.

D L 3 ★125

**NORTH AMHERST,** 1,758 — See Amherst.

**NORTH BALTIMORE,** 2,503 — The North Baltimore Service Co; cap. $30,000; bds. $25,000.
Pres. & Mgr. V. I. Gray...........Toledo
V. Pres. C. A. Browning............ "
*Sec. & Supt. T. C. Laney..No. Baltimore
Treas. O. G. King...................Toledo
Engr. Pwr. Sta. Oliver Fuller,
No. Baltimore

2 a. c. Warren, E. M. Co., tot. 240 kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 120 v. 60 cys; a. c. nt. mo. cir. 120-240 v. s. & 3 ph. 60 cys; 400 hp. e. Allis-C, A. & S; 300 hp. b. Titusville.

City cont. 40 magn. arcs 4 amp. $69 per yr; 6 Mazdas 32 c. p. $15 per yr; all nt; coal $2.60. (Also lts. Van Buren, 21 Mazdas 100 & 200 c. p. $30 & $54 per yr.) (Contemplates extending trans. line 6 miles to Cygnet.)

L S 1 3 ✢ ★125

**NORWALK,** 7,858—The Cleveland, Southwestern & Columbus Ry. Co. Office, 525 Garfield Bldg., Cleveland. (On

Nov. 1, 1915, purchased property of The Crawford County Gas & Elec. Co. at Crestline.); cap. auth. $125,000; bds. auth. & outstg. $110,000, 6 p. c. int.

Pres. F. E. Myers................Ashland
V. Pres. F.H. Ginn............Cleveland
2d V. Pres. L. J. Wolf..........."
Sec. & Treas. J. O. Wilson....Cleveland
*¶Gen.Mgr. E. F. Schneider.... "
Supt. Pwr.& Shops, A. P. Lewis...Elyria

2 a. c. West. tot. 200 kw. 2200-220-110 v. 3 ph. 60 cys; 1 d. c. West. 250 kw. 650 v. (ry.); a. c. day & nt. ltg. cir. 220-110 v; d. c day cir. 500 v; d. c. mo. cir. 500 v; 250 hp. e. Noye; 375 hp. b. Erie, Stir.

City cont. 100 arcs $65 per yr. 1 A. M.; coal.

C D R S 3 ✠ ★125

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Munic. Elec. Lt. Plant.

Dir. Pub. Serv. A. W. Carpenter, Norwalk
*Supt. W. G. Mack............... "

3 a. c. Allis-C. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 450 hp. e. (gas) Turner Fricke.

500 city Mazdas "C" 100 c. p. and 138 type "C" lamps "White Way" 400 c. p. 6.6 amp. tot. $7,200 per yr; nat. gas 30 cts.

D G L 3 §125

**NORWOOD,** 20,000—Munic. Wtr. Wks. & Elec. Lt. Plant; cost $125,000; bds. $310,000.

Mayor, H. E. Englehardt.........Norwood
Treas. W. R. Locke............... "
Service Dir. & Mgr.
H. J. Pierson...................... "
*Supt. & Elecn. E. W. Rich..... "
Ch. Engr. David Reese......... "

2 a. c. Allis-C, tot. 750 kw. 2300 v. 3 ph. 60 cys; 4 d. c. Tri. Allis-C. tot. 575 kw. 250 v; 10 rect. G. E. 30 kw; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. ltg. cir. 220 v; 1750 hp. e. Sknr, L. & B, Ball, H. F. & M; 300 hp. e. (gas) Miller; 1400 hp. b. Tudor, McI. & S. Heine.

405 city arcs A. B., G. E. mult. series; all nt; coal $1.69; gas 30 cts.

C D G L S 3 ★16†

**NOTTINGHAM,** 2,387—The Cleveland Elec. Illg. Co. See Cleveland.

**OAK HARBOR,** 1,559—*Board of Trustees of Public Affairs.

Bd. of Trustees
L. E. Meyer......Oak Harbor
C. W. Sperling.. "
Geo. D. Smith.. "

Energy purchased from Northwestern Ohio Ry. & Pwr. Co; 19 transf. Enterprise, Warren, tot. 74 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 25 cys.

All nt.

D L 2 ✠ 25

**OBERLIN,** 4,365—Oberlin Gas & Elec. Co.; office, 49 So. Main St. (Controlled and operated by The Lt. & Development Co. of St. Louis, Mo.); cap. outstg. $250,000; bds. $213,000.

Pres. Hugo Wurdack......St. Louis, Mo.
V. Pres. Nathan Loeser........Cleveland
Sec. Albert E. Hay..................Elyria
Treas. H. W. Beck ....... St. Louis, Mo.
Gen. Mgr. Paul M. Loewe.........Oberlin
Engr. Pwr. Sta. C. Scholvein .. .. "

2 a. c. West, C-W. tot. 410 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v; 600 hp. e. Bckye, Ridg; 1108 hp. b. Bab. & W; also stm. htg.

City cont. 53 G. E. arcs 6.6 amp. $72 per yr; 11 incs. G. E. 6.6 amp. $18 per yr; all nt; nat. gas.

D H L S 3 36E

**ORRVILLE,** 3,500—Massillon Elec. & Gas Co. See Massillon.

22,000 v. trans. from Massillon; a. c. day & nt. ltg. cir. 113 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 36 arcs 2000 c.p. $70 per yr; 16 Mazdas 75 w. $25 per yr; all nt.

D L 3 125

**OSBORN,** 866—The Dayton Pwr. & Lt. Co. See Dayton.

Engr. Pwr. Sta. Wm. Morris.......Osborn

2 a. c. W. E. tot. 90 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 160 hp. e. Ball; 200 hp. b. Brnl, Dow & Gordon.

27 city arcs 450 w; 6 city incs. 32 c. p; moonlt; coal $2.10.

L S 1 ✠ 35

**OTTAWA,** 2,182—The North Western Ohio Lt. Co. For executive officers, see Van Wert.

Supt. J. W. Row.....................Ottawa

2 a. c. Ft. W. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 318 hp. e. L. & B; 300 hp. b. Brnl; also stm. htg.

City cont. 172 incs. series 80 c. p. (108) & 48 c. p. (64) $30 & $6 per yr. all nt; coal $2.15 (Trans. to Glandorf; supplies energy to County Infirmary.)

D H L S 3 ✠ ★26

**OXFORD,** 2,017 — Munic. Elec. Lt. Plant; cost $45,000.

Trustees
J. A. Culler.............Oxford
Jas. Witherby .......... "
John Molyneaux ...... "

*Clerk, H. A. De Mand............ "
Ch. Engr. C. W. Preston.......... "

3 a. c. Westg. tot. 115 kw. 1040 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 200 hp. e. Westg, Bckye; 300 hp. b. Dayton, Brnl.

Moonlt; coal.

D L S 1 ★16

**PAINESVILLE,** 5,501—Munic. Elec. Lt. Plant; cost $40,000.

Sec. O. W. Kile.................Painesville
*¶Supt. Chester Hard.......... "
Ch. Engr. E. L. Williams...... "
Ch. Elecn. Ray LaRue......... "

2 a. c. W. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110-220 v; 500 hp. e. Erie; 300 hp. b. Erie.

205 city nitro. lamps 600 c. p. (43), 400 c. p. (144), 200 c. p. (13) & 60 c. p. (5) & 17 Mazdas mult. 40 w. all nt; coal $2.20.

D L S 3 16†

**PANDORA,** 562—Pandora Elec. Lt. & Pwr. Co.; bds. $20,000.

*¶ Pres. Mgr. & Cont. Agt.
D. C. Shank....... ............Pandora
V. Pres. L. Geiger................ "
Sec. A. C. Diller.....................Bluffton
Treas. Philip Venenschwander..Pandora
Engr. Pwr. Sta. Rufus Batinger.. "

2 a. c. Allis-C, Elec. Mch. tot. 165 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 85 hp. e. Brnl; 100 hp. b. Brnl.

City cont. 100 w. incs. $20.70 per yr. moonlt; coal $1.85 and refuse. (Also lts. Gilboa.)

D L S 3 ✠ 125

**PAULDING,** 2,081—Munic. Elec. Lt. & Pwr. Dept.; cost $15,000; bds. $51,000.

Board
Pres. J. F. Morisy.......Paulding
W. B. Jackson .......... "
W. J. Wheeler........... "

¶Clerk, P. W. Stumm ........... "
Supt. L. O. Farnsworth.......... "

2 a. c. Ridg. tot. 160 kw; a. c. day & nt. ltg. cir; 160 hp. e. Ridg; 150 hp. b. —.

Coal $2.45.

D L S X ✠ 14w

**PAYNE,** 1,207 — Munic. Lt. & Wtr. Plant.

*Supt. & Engr. Pwr. Sta.
Frank Overmyer.....................Payne

2 d. c. C-W 100 kw. 220 v; d. c. day ltg. & mo. cir. 220 v; 150 hp. e. McE; 200 hp. b. Ft. W.
23 city arcs moonlt; coal.
C D L S ✢ 125

**PEMBERVILLE,** 1,006—*Munic Elec. Lt. Plant; cost $10,000.
Day & nt. service.
D L 125

**PERRYSBURG,** 1,913—The Defiance Gas & Elec. Co. See Maumee.

**PERRYSVILLE,** 541 — *Perrysville Elec. Lt. Co.
¶ Pres. & Mgr. W. A. Hilton..Perrysville
Sec. & Treas. Harry Zody...... "
Ch. Engr. J. M. Appleman.... "
1 d. c. gen. 110 v; no day cir; 70 hp. e. Atlas; 50 hp. b. A. & T.
City cont. 16 arcs A. B. 500 w. $45 per yr; 400 incs. 16 & 32 c. p. 10 cts. per kw; moonlt; coal $1.10.
C L S 23

**PIONEER,** 660—Munic. Street Ltg. System.
*Clerk Crosby G. Sweet..........Pioneer
Buys energy from West Unity Pwr. & Lt. Co.; trans. 6600 v. s. ph. 60 cys.
40 city series Mazdas 250 & 100 w.
L 1 ★36E

**PIQUA,** 13,388—The Dayton Pwr. & Lt. Co. For executive officers, see Dayton.
Mgr. M. H. Lytle....................Piqua
Engr. Pwr. Sta. Glen Shaw........ "
3 a. c. G. E. tot. 850 kw. 2300 v. 3 ph. 60 cys; 5 d. c. G. E. tot. 500 kw. 230-115 v; a. c day & nt. ltg. & mo. cir. 115 v; d. c. day & nt. ltg. & mo. cir. 220 v; 1000 hp. e. Bckye; 1000 hp. b. Bab. & W; 500 kw. stm. turb. Curtis; also hot water htg. (Also purchases energy from the Western Ohio Railroad Co., 3 transf. Wagner tot. 750 kw; 750 kw. frequency chang. G. E.)
City cont. 202 arcs magn. 4 amp. $66 per yr; 144 Mazdas 40 w. $18 per yr; all nt; coal $2.30.
C D H L S 1 3 ✢ ★125w

**PLAIN CITY,** 1,407—*Munic. Elec. Lt. & Wtr. Plant: cost $35,000.
Pres. M. J. Jenkins .............Plain City
¶ Sec. Supt. & Ch. Engr.
M. Mackan ................. "
Treas. H. Bault................. "
1 a. c. West. 125 kw. 1100-110 v. s. ph. 60 cys; 160 hp. e. Rus; 300 hp. b. Heine.
38 city series tung. 250 w. 8 cts. per kw; moonlt; coal $2.35.
L S 1 ✢ 11

**PLYMOUTH,** 1,314—Munic. Elec. Lt. & Wtr. Plant; cost $9,500; bds. auth. & outstg. $29,000, 5 p. c. int.
Board of Public Affairs
Pres. G. B. Drennan..Plymouth
R. H. Nimmons....... "
*Clerk, F. Mann...... "
F. W. Kirtland......... "
Supt. & Engr. Pwr. Sta.
G. L. Brokaw.................. "
2 a. c. Ft. W, Warren 110 kw. 1100-110 v. s. ph. 133 cys; no day cir; 100 hp. e. Foos (gas).
42 city arcs 2000 c. p; 500 city incs. 52-100 w. 9 cts. per kw; moonlt; mdnt; gas 25 cts.
G L 1 22

**POMEROY,** 4,023—Pomeroy & Middleport Elec. Co. (Owned and controlled by The Ohio River Elec. Ry. & Pwr. Co.) Office, 1338 Chestnut St., Phila., Pa.; cap. $30,000; bds. $24,000.
*¶ Pres. & Mgr. I. L. Oppenheimer Pomeroy
V. Pres. E. Mendenhall....... Phila., Pa.
Sec. James K. Trimble........ "
Treas. Harry Williams, Jr..... "
Engrs. Pwr. Sta.
James Greathouse...Pomeroy
Dan Rizer........... "
Buys energy from Pomeroy Salt Assn. Co.; 2 mo.-gen. tot. 300 kw. G. E; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 ✢ ★125

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The Mutual Elec. Co. See Middleport.
a. c. day & nt. ltg. cir. 110 v. 60 cys.
D L 16

**PORT CLINTON,** 3,000—Port Clinton Elec. Lt. & Pwr. Co. (Controlled by The General Gas & Elec. Co.)
Pres. & Treas. Geo. H. Tuttle.....Toledo
Mgr. E. A. Burrill................ "
Supt. C. A. Matthews..........Port Clinton
Energy purchased from Northwestern Ohio Ry. & Pwr. Co.
City cont. 15 Mazdas 400 c. p. $60 per yr. and 87 Mazdas 100 c. p. $20 per yr; moonlt.
L 16

**PORTSMOUTH,** 23,481 — Portsmouth St. R. R. & Lt. Co. Gen. sta., New Boston. (Controls the Ohio Valley Trac. Co.); cap. $250,000; bds. $50,000.
Pres. L. D. York..............Portsmouth
¶ V. Pres. & Mgr. R. D. York "
*Sec., Treas. & Supt.
H. H. Higgins............... "
Engr. Pwr. Sta. W. A. Martin. "
4 a. c. Westg. G. E. tot. 1800 kw. 2200 v. 2 ph. 60 cys; 8 rectifiers —— tot. 400 lts; a. c. day & nt. ltg. cir. 110 220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 1800 kw. stm. turb. G. E. West; 1500 hp. b. Stirling.
City cont. 300 magnetite arcs; all nt; gas. 9 cts.
D R S 2 74

**PRAIRIE DEPOT,** 815—The Prairie Depot Elec. Plant.
Owner & Mgr. H. L. Wilson..Prairie Depot
L 74

**PROSPECT,** 945 — Prospect Electric Lt. & Pwr. Co. Executive office, Marion; cap. $20,000.
Pres. Geo. Whysall.................Marion
¶ Sec. & Treas. Ray C. Oswald... "
*Supt. D. McPherson..............Prospect
Buys energy from Columbus, Delaware & Marion Ry. Co; 1 a. c. West. 1000-100 v. s. ph. 60 cys; 60 hp. e. Rus; 70 hp. b. Rus.
City cont. 62 incs. 60 c. p. $22 per yr; moonlt.
L S 1 ✢ 16

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*The Columbus, Delaware & Marion Ry. Co. See Marion.

**RAVENNA,** 5,310—Ravenna Gas & Elec. Lt. Co. (Controlled and operated by The Lt. & Development Co. of St. Louis, Mo.): cap. $33,700; bds. $12,000.
Pres. H. Wurdack.........St. Louis, Mo.
V. Pres. C. G. Bentley............Ravenna
Sec. & Treas. Horace W. Beck St. Louis, Mo.
¶ Mgr. & Ch. Engr. R. Z. Kirk .Ravenna
Engr. Pwr. Sta. W. C. Miller... "
3 a. c. Ft. W. G. E. tot. 500 kw. 1110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 600 hp. e. Russell. Cor; 450 hp. b. Erie.
City cont. 100 arcs 480 w. $72 per yr; all nt; coal $1.90.
D L S 3 ✢ 25

**RAWSON,** 6,607—The Western Ohio Ry. Co. See Lima.

**READING,** 3,985 — Munic. Elec. Lt. & Wtr. Wks. Plant. Office, 320 Walnut St; cost $77,000.
Bd. of Public Affairs
Pres. Henry L. Kessling, Market St.
Sec. C. V. Dils ......1701 Main St.
Treas. A. Emlinger, Sr. Vine St.

*¶Supt. Cont. Agt. & Engr.
Pwr. Sta. Barrett A. Burns
320 Walnut St.

2 a. c. Ft. W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 400 hp. e. I. & E, Greenwald; 500 hp. b. Ricard.

94 arcs enc. 7.5 amp. & 16 incs. 80 c. p. 7.5 amp; moonlt; coal $2.51.

D L S 3 125

**RICHWOOD,** 1,729 — The Richwood Lt., Ht. & Pwr. Co.: cap. outstg. $20,000; bds. $10,000.

Pres. J. S. Horn................Richwood
*¶Sec., Treas. & Mgr.
Edward A. Schamb.......... "

1 d. c. Ft. W. 150 kw. 220-250 v; 1 arc Wood 4 amp. 90 lt; d. c. nt. ltg. cir. 220 v; 150 hp. e. Brnl; 150 hp. b. Brnl.

City cont. 41 magn. arcs 4 amp. $62.50 per yr; 46 tung. 60 w. $4 per yr; 1 A. M; coal $2.35.

C L S ★125

**RIPLEY,** 1,840—*Munic. Elec. Lt. Plant. (City purchased property of The Ripley Gas Lt. & Coke Co.)

2 a. c. G. E. 120 kw. 1040-104 v. —— ph. 125 cys; no day cir; 125 hp. e. Bckye; 125 hp. b. Jones.

46 city arcs 2000 c. p. all nt; coal $2.25.

L S X ★125†

**ROCKFORD,** 1,186 — The Rockford Elec. Ltg. Co.; cap. $30,000; bds. $12,000.

Pres. L. A. Burgess............Rockford
V. Pres. U. G. Coats............ "
*Sec. & Mgr. S. J. Robinson.... "
Treas. J. S. Riley................ "
Ch. Engr. O. A. Henson........ "

1 a.c. W. E. 150 kw. 2200 v. 3 ph. 60 cys; 1 d. c. W. E. 115 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 185 hp.e. Cpr; 150 hp. b. Gem City.

City cont. 147 incs. 32 c. p $1.60 per yr. moonlt; coal $750 per yr. (Also lts. Hillshire and Wren.) (Installing 300 hp. water-tube boiler and erecting trans. line to Mercer and Mendon.)

C D L S 3 ✠ 36E

**ROCKY RIVER,** 1,174 — The Rocky River Wtr., Lt. & Pwr. Co; cap. outstg. $100,000; no bds.

Pres. D. C Reed..............Rocky River
Treas. Thos. Macbeth........ "
*Gen. Supt. Geo. J. Turgeon. "
Engr. Pwr. Sta. John Elliott "

1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir 110 v. 60 cys; 75 hp. e. Ball; 120 hp. b. Erie City, Variety Iron Wks.

City cont. 70 incs. 100 w. 4.5 amp. 6 cts. per kwh. all nt; coal.

L S 3 16

***ROSCOE,** 700—The Ohio Service Co. See Coshocton,

**SABINA,** 1,514 — Munic. Wtr. & Lt. Plant; bds. $15,000.

Pres. Bd. J. M. Runyan............Sabina
¶ Sec. George C. Barns.............. "
*Gen. Supt. O. T. Brown........... "

1 a. c. Ft. W. 100 kw. 2480 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Rus; 320 hp. b. Std.

46 city Mazdas 400 w. (5) & 200 w. (41) moonlt: coal $2.30.

L S 1 ✠ 16

**ST. BERNARD,** 5,002 — Munic. Elec. Lt. & Wtr. Wks. Plant: bds. $178,000.

Service Director, Wm. Rolf. .St. Bernard
Sec. Harry V. Eynden .......... "
Treas. Frank Krehe............ "
*Supt. & Ch. Engr.
E. C. Heller.................... "

2 a. c. G. E. tot. 500 kw. 2300 v. 2 ph. 60 cys; 1 arc G. E, Brush. 175 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v: 650 hp. e. Ball, Greenwald; 750 hp. b Sterling.

115 city arcs G. E. lumn. 4 amp. & 6 tung. 100 w. all nt; coal $1.65.

D L S 3 ★125

**ST. CLAIRSVILLE,** 1,393 — Munic. Elec. Ltg. System.

Pres. Bd. J. H. Boroff......St. Clairsville
*Sec. & Supt. H. A. Norris.. " "

Purchases energy from Sunnyside Elec Co.; 1 G. E. transf. 150 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys.

40 city arcs G. E. 4 amp and 33 incs. 150 w. tot $2100 per yr.

D R 1 3 ★16

**ST. MARYS,** 5,732—The Western Ohio Ry. Co. For executive officers, see Lima.

Ch.Engr. Pwr. Sta. F.B. Mason. .St.Marys

6 a. c. West., G. E. tot. 8500 kw. 2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir; 500 hp. b. Stir; 5000 kw. turb. stm. G. E; trans. volt 33,000 v; 9 transf. West. tot. 450 kw; 2 rot. conv. West. tot. 400 kw; 4 mo.-gen. West., Heine tot. 2400 kw.

Coal.

D S 3 125

Munic. Elec. Lt. Plant; bds. auth. $33,500, issued $25,500, 6 p. c. int.

Service Director,
A. W. Schierenbeck.......... St. Marys
Clerk, T. E. Hollingsworth.... "
*Supt. Chas. Selby............ "

2 a. c. Ft. W. tot. 300 kw. 2000 v. s. ph. 133 cys; 2 arc Ft. W. 165 lt; a. c. day & nt. ltg. cir. 110 v. 133 cys; a. c. mo, cir. 110-220 v. s. ph. 133 cys: 500 hp. e. Bckye; 600 hp b. Stir.

104 city arcs 2000 c. p; 307 incs. series 32 c. p; all nt; coal 70 cts.

D L S 1 ✠ 45

**ST. PARIS,** 1,261 — Munic. Elec. Lt. Plant; cost $20,000; bds. $2,000.

Pres. Bd. J. E. Printz...........St. Paris
*¶Sec. & Supt. J. C. Phelps..... "
Treas. M. Powers................ "
Engr. Pwr. Sta S. H. Jenks..... "

2 d. c. Tri, C.-W. tot. 115 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 150 hp. e. McE; 200 hp. b. DuBois.

41 city arcs d. c. mult. 660 w. $60 per yr; 15 incs. mult. 100 w; 18 5-lt. clusters 60 w. mult. $30 per yr; moonlt. mdnt. & all nt. (5 arcs); coal $2.50.

C D L S ✠ ★16

**SALEM,** 8,943—Munic. Street Ltg. System.

*Service Dir. I. N. Russell..........Salem

Energy purchased from Salem Ltg. Co. 2200 v.

L §115

Salem Ltg. Co. Office, 141 E. Main St. (Successor to Salem Elec. Lt. & Pwr. Co. & Columbiana County Lt. & Pwr. Co.) (Owned and operated by Municipal Service Co, Philadelphia, Pa.)

Pres. H. T. Hartman
1830 Land Title Bldg., Phila., Pa.
V. Pres. F. W. Harris....Coatesville, Pa.
Sec. & Treas. J. W. Swain, Jr.
424 Land Title Bldg., Phila., Pa.
Gen. Supt. H. E. Drevenstedt......Salem
Engr. Pwr. Sta. Floyd Young..... "

5 a. c. G. E. West, C.-W. tot. 2250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 1000 hp.e. (gas) Bckye; 1500 kw. turb. (stm.) G. E; 1000 hp. b. Badenhausen.

City cont. 850 series Mazdas type "C" 100 w. all nt: gas 15 cts. and coal. (Wholesales energy to city at 2200 v.)

D G L S 3 ✠ ★26

**SALINEVILLE**, 2,975—The Salineville Elec. Lt. Ht. & Pwr. Co.; cost $27,000; bds. $12,000.
Pres. S. A. Hart..................Salineville
*Sec. & Treas. P. S. Hart...... "
Mng. Engrs. & Elecns.
J. Homer Boals & P. S. Hart "

2 a. c. West. tot. 175 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v; 250 hp. e. Clark; 250 hp. b. Atlas.

City cont. 50 arcs a. c. series 550 w. $60 per yr; mdnt; coal $.60 to $2.40.

L S 1 ✠ 16

**SANDUSKY**, 19,989—Sandusky Gas & Elec. Co. (Controlled by General Gas & Elec. Co., 50 Pine St., New York, N. Y); cap. $600,000; bds. $750,000.
Chrmn. Bd. C. B. Wilcox......Sandusky
Pres. W. S. Barstow.... 50 Pine St.,
V. Prests. J. B. Taylor NewYork, N.Y.
P. A. Staples......Sandusky
Sec. & Treas. O. C. Swenson
50 Pine St., New York, N. Y.
¶Mgr. & Cont. Agt.
E. A. Bechstein..................Sandusky
Elec. Supt. & Ch. Engr.
R. G. Sloat.................... "

3 a. c. West. tot. 2400 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 150 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 600 hp. e. Allis-C; 2963 hp. turb. (stm.) West; 1550 hp. b. Bab. & W, Heine.

City cont. 920 incs. 100 c. p. (867) & 60 c. p. (53) $16 & $13 per yr. all nt; 380 incs. 250 c. p. $32.50 per yr. all nt. & $21 per yr. mdnt; coal $2.40.

C D L S 3 16

**SEBRING**, 2,104—McKee Lt. & Pwr. Co.; cap. $10,000; no bds.
*¶Pres. Treas. & Mgr.
S. E McKee......................Sebring
V. Pres. Wm. Hannah............ "
Sec. Floyd McKee................. "

Buys pwr. from Stark Elec. Co; 6 transf. Pittsburg tot. 75 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. s. ph. 25 cys; d. c. mo. cir. 600 v.

City cont. 15 arcs 500 w; Mazdas $65 per yr; all nt.

C D L 1.............. ✠ 23

**SHADYSIDE**, 1,800—Sunnyside Elec. Co. See Wheeling, W. Va.

**SHAWNEE**, 2,280—The Ohio Lt. & Pwr. Co. For executive officers, see Newark.
Engr. Pwr. Sta. L. W. Laube....Shawnee

2 a.c. G. E. tot. 120 kw. 1100-104 v. s. ph. 125 cys; a. c. nt. ltg. cir. 104 v. 125 cys; 160 hp. e. F. M. & Co (gas).

City cont. 63 arcs G. E. 450 w. $75 per yr; moonlt; natural gas 20 cts. (Co. also lts. New Straitsville).

G L 1 ✠ 26

**SHELBY**, 4,903—Munic. Elec. Lt. Plant; cost $60,000.
Pres. Bd. R. Heath..................Shelby
¶ Sec. & Mgr. W. A. Shaw.......... "
*Supt. Norman R. Cadwell.......... "
Ch. Engr. Fred Myers............. "
Ch. Elecn. M. C. Henderson....... "

3 a. c. G. E. Warren tot. 275 kva. 1100-110 v. s. ph. 133 cys; no day cir; 450 hp. e. L. & B, Bckye, Cor; 200 hp. b. A. & T.

76 city arcs 2000 c. p. $60 per yr; moonlt. (Changing system to 3 ph. 60 cycle 2300 v. and increasing plant cap. to 475 kva.)

L S 1 ★36E

**SHERWOOD**, 566—Munic. Elec. Lt. Plant; cost $5,500.
Bd. of Pub. Affairs. *Pres. John Thieroff..Sherwood
A. M. Dickey......... "
Wm. Hammon....... "
Supt. & Engr. Pwr. Sta.
G. W. Woodsworth.......... "

2 d. c. Westg. 60 kw. 125 v; d. c. nt. ltg. cir. 110 v: 55 hp. e. (gas) A. & S; 35 hp. e. Stanwood; 55 hp. b. Stanwood.

39 city tung. 60 w.

C G L S 113

**SHREVE**, 1,016—The Citizens Elec. Lt., Pwr. & Htg. Co.
Pres. H. Le Fever....................Shreve
*Sec. M. Booth..................... "
¶Pur. Agt. I. D. Bonnett.......... "

1 d. c. Card. 40 kw. 125 v; d. c. nt. ltg. & mo. cir. 110 v; 75 hp. e. Brnl; 80 hp. b. Brnl.

Coal.

C L S 21

**SIDNEY**, 6,607—The Sidney Elec. Co.; (Controlled by Kansas Electric Utilities Co.); cap. outstg. $42,500; bds. $150,000.
Pres. Albert Emanuel...............Dayton
V. Pres. Newton A. Tracy.........Toledo
Sec. Gen. Mgr. & Cont. Agt.
L. A. Pettit, Jr......................Dayton
Treas. Edw. W. Kelsey, Jr..........Toledo
Engr. & Asst. to Cont. Agt.
H. G. Hopkins......................Dayton
Local Mgr. F. D. Elwell............Sidney
Engr. Pwr. Sta. J. E. Weldy....... "

3 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; 3 rectifiers G. E. tot. 150 lt; a.c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. s. & 3 ph. 60 cys; 450 kw. stm. turb. G. E; 75 hp. e. (gas) West; 500 hp. b. Oil Well Supply Co; 75 hp. wtr. wh. Trump.

City cont. 128 magn. arcs 4 amp. $56 per yr; 26 Mazdas 4 amp. $18 per yr; all nt; coal $2.10.

C D G L S W 1 3 ✠ ★16

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The Western Ohio Ry. Co. See Lima.

**SOUTH VIENNA**, 368—Munic. Street Ltg. System.
*Clerk E. G. Sutton...........So. Vienna

Purchases energy from Ohio Elec. Ry. Co.

L ✠ 125

**SPENCERVILLE**, 1,748—Munic. Elec. Lt. Plant.
Supt. Chas. Marbaugh.......Spencerville
*Clerk Chas. S. Freyer...... "

2. a. c. G. E. tot. 250 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 275 hp. e. Erie, Chuse; 250 hp. b. H. S. & G.

65 city Mazdas 100 & 150 w. 8 cts. per kwh. moonlt; coal.

D L S 3 ✠ 16

**SPRINGBORO**, 355—Franklin Elec. Lt. Co. See Franklin.

City cont. 20 type "C" lamps 80 c. p. $30 per yr. all nt.

L 125

**SPRINGFIELD**, 46,921 — The Springfield Lt., Ht. & Pwr. Co. (Consol. of The People's Lt., Ht. & Pwr. Co., and The Home Ltg., Pwr. & Htg. Co.) Controlled by Commonwealth Pwr. Ry. & Lt. Co.; cap. $1,050,000; bds. $1,050,000.
Pres. B. C. Cobb........New York, N. Y.
V. Pres. E. J. Bechtel.... " " "
Sec. G. J. Klenk..................Springfield
Treas. & Mgr. Weare Parsons. "
Cont. Agt. J. E, North........ "
Engr. Pwr. Sta. O. G. McCain. "

3 a. c. West. G. E. tot. 4500 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 500 kw. 220-110 v; a. c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 220-110 v; 4500 kw. stm. turb. West, G. E; 4000 hp. b. Heine, Stir; also stm. htg.

City cont. 550 arcs 7.5 amp. $62 per yr; all nt; coal $2.

C D H L S 1 3 75

The Ohio Elec. Ry. Co., General Offices, Interurban Bldg. Springfield. (Owns the Lima & Toledo Trac. Co., the Cincinnati Northern Trac. Co. and the Lima Elec. Ry. & Lt. Co., and leases the Ft. Wayne, Van Wert & Lima Trac. Co., the Indiana, Columbus & Eastern Trac. Co., the Columbus, Newark & Zanesville Elec. Ry. Co., the Dayton & Western Trac. Co. and the Cincinnati, Dayton & Toledo Trac. Co.) (Co. has elec. lt. & pwr. plants at Zanesville, Hebron, Medway, Lindenwald and Lima and stm. htg. plant at Lima); cap. $11,000,000.

Pres. W. Kesley Schoepf......Cincinnati
V. Prests. { Gen. Mgr. A. Benham.....Springfield
Dana Stevens..... "
*Sec. & Treas. F. A. Healy.... "
Asst. Sec. & Asst. Treas.
J. M. Pogue................ "
Audr. E. L. Kasemeier........ "
¶ Pur. Agt. Geo. L. Mayer.... "
Elec. Engr. M. J. Kehoe....... "
Ch. Engr. J. H. Sundmaker... "
(Co. sells energy in bulk.)
R 16

**STEUBENVILLE**, 22,391 — The Steubenville & East Liverpool Ry. & Lt. Co.
Pres. Edward McDonnell....E. Liverpool
¶ Sec. & Treas.
H. Armstrong..............Steubenville
*Mgr. B. J. Jones............ "
Gen. Supt. W. B. Thomas..East Liverpool
Supt. Ovhd. Distrbn.
N. J. McKenzie..............Steubenville
Ch. Engr. Pwr. Sta.
Alfred Cochrane........... "

Purchases energy from Sunnyside Elec. Co.; 2 transf. W. E. tot. 1500 kw; 3 rot. conv. W. E. tot. 1100 kw; 5 a. c. W. E, G. E, tot. 1450 kw. 2300 v. 2 ph. 60 cys; 2 d. c. C.-W. tot. 800 kw. 600 v; 3 arc Brush tot. 225 lt; 3 rectifiers W. E. tot. 150 lt; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 2000 hp. e. Rus., Bckye,; 3000 hp. b. Bab. & W. Stirling; 1000 kw. turb. (stm.) West. Plant held as "stand-by" sta.

City cont. 338 arcs metallic 4 amp. 300 w. $55 per yr. & 20 incs. 80 w. $19 per yr, 4000 hrs; coal $1.30. (Co. also lts. Toronto and Empire.)
C D R S 1 2 3 ★16

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La Belle Iron Works; cap. stk. $20,000,000; bds. $2,000,000.
Pres. R. C. Kirk...............Steubenville
V. Pres. H. D. Westfall...... "
Sec. W. E. Besmick.......... "
Treas. D. A. Burt............ "
*Mgr. G. B. Levan........... "
¶ Pur. Agt. R. M. Rice ....... "
Ch. Engr. Wm. Forsstrom.. "
Elec. Supt. Jas. Farrington.. "

4 d. c. West. G. E. tot. 1800 kw. 250 v; 1 rotary converter West. 300 kw. 3 ph. 25 cys; 250 v. d. c; 2 a. c. West. 750 kw. 220 v. 3 ph. 25 cys; a. c. day ltg. cir. 220 v; d. c. day cir. 250-240 v; a. c. mo. cir. 220 v; 2800 hp. e. Bckye; 5000 hp. b.—.

Coal & blast furnace gas.
C D L S 3 75

**STRASBURG**, 835—The Ohio Service Co. See Cambridge.

Energy from New Philadelphia; 2 transf. West. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-440-220 v. 3 ph. 60 cys.

City cont. 22 lamps 600 c. p. $50 per yr. all nt.
D R 3 ✠ ★36

**STRUTHERS**, 3370 — Youngstown & Sharon St. Ry. Co. See Youngstown.

**STRYKER**, 1,026—The Toledo & Indiana R. R. Co. See Wauseon.

**SUNBURY**, 485—G. J. Burrer & Sons.
*¶Mgr. & Elecn. K. O. Burrer...Sunbury
Ch. Engr. Robt. Sherbourne, Jr.. "

1 a. c. West. 45 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v; 85 hp. e. (gas) Reeves.

City cont. 31 type "C" lamps 400 c. p. (5) & 100 c. p. (26) tot. $750 per yr. all dark nights 11:30 P. M; nat. gas 30 cts.
*G L 1 ✠ 125

**SWANTON**, 1,058—The Defiance Gas & Elec. Co. See Maumee.

**SYCAMORE**, 977 — *Munic. Elec. Lt. Plant; cost $25,000; bds. $25,000.
Pres. Bd. L. A. Niebel..........Sycamore
Sec. O. J. Niebel............. "
Engr. Pwr. Sta. E. E. Glasco... "

1 a. c. Ft. W. 30 kw. 1100-100 v. 2 ph. 140 cys; 1 d. c. arc Ft. W. 35 lt; no day cir; 80 hp. e. Atlas; 120 hp. b. Bellaire, Bab. & W.

Gas & coal.
L S 2 23

**TIFFIN**, 11,894—The Ohio Lt. & Pwr. Co. (Northern Div.) For executive officers see Newark.
¶Mgr. E. D. Chapman..................Tiffin
Engr. Pwr. Sta. Chas. Hamlin...... "

3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 6 d. c. G. E. tot. 620 kw. 110 & 500 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440-220 v. s. 2 & 3 ph. 60 cys; d. c. mo. cir. 550-220 v; 1200 hp. e. Rus, McI. & S; 1450 hp. b. Bab. & W; 750 kw. stm. turb. G. E; also stm. htg.

City cont. 176 arcs G. E. 7.5 amp. $75 per yr; 16 incs. 32 c. p. $16 per yr; all nt; coal $2.05.
C D H L S 1 2 3 ✠ ★26

**TIPPECANOE CITY**, 2,038—Munic. Wtr. Wks. & Elec. Lt. Plant; bds. $30,000.
Pres. W. E. Prill.........Tippecanoe City
*¶Sec. Mgr. & Ch. Elecn.
C. A. Hawver.......... "
Treas. J. H. Pohlman.... "
Engr. Pwr. Sta.
K. W. Evans........... "

2 d. c. G. E. tot. 150 kw. 250 v; d. c. nt. ltg. cir. 250 v; 440 hp. e. Bckye, S. B, Cor; 240 hp. b. Brnl, Daytn.

40 city arcs. 5 cts. per kw; 15 city incs. — c. p. $90 per yr; gas & coal.
C L S ✠ 23

**TOLEDO**, 168,497—Toledo Rys. & Lt. Co. Office, cor. Adams & Superior Sts. (Controlled through stock ownership by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.) (Operated, under contract, by the Doherty Organization); cap. $13,875,000; bds. $4,866,000.
Pres. Frank R. Coates..............Toledo
V. Prests. { F. W. Frueauff 60 Wall St., New York, N.Y.
Rathbun Fuller.......Toledo
Sec. & Audr. C. E. Murray......... "
Treas. S. D. Carr.................. "
*Supt. Lt. & Pwr. Depts.
R. E. Berger..................... "
New Business Mgr. A. K. Young. "
¶ Pur. Agt. H. W. Thompson.... "
Supt. Elec. Dept. Wm. E. Richards "
Supt. Pwr. Sta. Wm. Long....... "

9 a. c. G. E, Westg, Allis-C. tot. 50,890 kw. 4000 v. 3 ph. 25 & 60 cys; 5 d. c. G. E, tot. 4350 kw. 220-550 v; 55 rect tot. 2750 lt; 10,400 amp hr. stor. bat. E. S. B. 220 v; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 & 25 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 25 & 60 cys; d. c. day & nt. mo. cir. 220-550 v; 8100 hp. e. Allis-C, Whlk, St. L, Cor; 52,000 kw. stm. turb. Allis-C, G. E, West; 19,100 hp. b. Heine, Stir, McNaul.

City cont. 3100 G. E. magn. arcs 4 amp. $45 per yr; all nt; coal $2. (Co. also lts. West Toledo.)
C D R S 1 3 16

Northwestern Ohio Ry. & Pwr. Co.—Office, 718 Ohio Bldg., Toledo. (Pwr. plant at Port Clinton.) (Controlled by The General Gas & Elec. Co., 50 Pine St., New York, N. Y.); cap. $800,000 com. & $500,000 prfd; bds. $1,293,000.

Pres, W. S. Barstow........ } New York,
V. Pres. J. B. Taylor........ } N. Y.
Sec. & Treas. O. C. Swenson.. "
¶Mgrs. W. S. Barstow & Co., Inc. "
Gen. Mgr. E. A. Burrill............Toledo
Audr. E. H. Rechberger............"
Supt. O. R. Sturzinger..............Genoa
Engr. Pwr. Sta. J. R. Emory
Port Clinton

3 a.c. Allis-C, G. E. tot. 3300 kw. 375 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110-185 v. 25 cys; a. c. day & nt. mo. cir. 375 v; d. c. ry. cir. 600 v; 2200 hp. e. Allis-C; 1700 kw. stm. turb. G. E; 2600 hp. b. Erie, Stir.

(Co. lts. Genoa, Lakeside, Curtice, Clay Centre and Gypsum, and sells energy to Port Clinton Elec. Lt. & Pwr. Co. and to municipalities of Elmore and Oak Harbor.)

C D R S 3 ✠ 16

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Citizens Ltg. & Htg. Co. (Principal business selling stm. ht. by meter.) Office, 6 Zenobia Bldg; cap. $200,000; bds. $100,000.

*Pres. & Mgr. C. S. Ashley........Toledo
Sec. & Treas. Louis W. Greiner.... "
Ch. Engr. W. J. Biebesheimer.... "

2 d. c. Northn tot. 150 kw. 220-110 v; d. c. day cir. 220-110 v; 200 hp. e. Rus, Bckye; 960 hp. b. McNaull, Stir, Flanner. Coal.

C D H L S 85

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The Defiance Gas & Elec. Co. See Maumee.

**TORONTO,** 4,271—The Steubenville & E. Liverpool Ry. & Lt. Co. See Steubenville.

Energy from Steubenville; trans. 13,200-13,500-2200 v. 2 & 3 ph. 60 cys; 2 transf. West. tot. 600 kw. 600 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. & 2 ph. 60 cys; d. c. st. ry. cir. 600 v.

City cont. 75 G. E. arcs 2000 c. p. $58 per yr. 4000 hrs.

C D R 1 2 3 16

**TROY,** 6,122—Munic. Elec. Lt. Plant; cost $83,400; bds. $51,500.

Dir. Pub. Serv. Frank Burkholder..Troy
Clerk, George Gates.................. "
*¶ Supt. L. A. Pool.................. "
Ch. Engr. J. Potts.................. "

2 a. c. Ft. W. tot. 660 kw. 1100-110 v. 3 ph. 60 cys; 4 d. c. Ft. W, Hobart. tot. 250 kw. 250 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 500-250 v; 940 hp. e. Rus, Ham; 760 hp. b. Stir.

165 city arcs A. B. & W. E. a. c. series 600 w. and 55 series tung. 75 w. all nt; coal $2.45.

C D L S 1 3 ★16

**UHRICHSVILLE,** 4,751 — The Ohio Service Co. See New Philadelphia.

**UPPER SANDUSKY,** 3,779 — The Hardin-Wyandot Ltg. Co. For executive officers, see Kenton.

Engr. Pwr. Sta.
Michael McNairy......Upper Sandusky

2 a. c. G. E, Stanley tot. 165 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v; 250 hp. e. Sknr, Bckye; 200 hp. b. Atlas; coal $2.40.

D L S 3 ✠ 16

**URBANA,** 7,739—The North Western Ohio Lt. Co. For executive officers, see Van Wert.

Supt. W. Treadwell Augur..........Urbana
Ch. Engr. Chas. Gumpert......... "
Engr. Pwr. Sta. Elmer Shrader... "

1 a. c. Ft. W. 250 kw. 2200 v. 3 ph. 60 cys; 4 rect. West. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 350 hp. e. Bckye; 500 kw. turb. (stm.) G. E. Curtis; 502 hp. b. Bab. & W. Sterling; trans. volt. 13,200 v. 3 ph. 60 cys; 6 transf. G. E. tot. 550 kw.

City cont. 118 arcs West. d. c. series 4 amp. $57.50 per yr; 36 inv. arc orna. stds. G. E. series 4 amp. $57.50 per yr; 36 incs. series 4 amp. 100 c. p. $25 per yr; all nt; coal $2.10. (Trans. to Mutual, Catawba, Woodstock and North Lewisburg.)

D L S 3 ★26

**VAN WERT,** 7,157—The North Western Ohio Lt. Co. Office, Van Wert. Generating stas. at Delphos, Deshler, Leipsic, Ottawa, Urbana and Van Wert. (Controlled by the Federal Pwr. & Lt. Co., Boston, Mass.)

Pres. Lindsey Hooper,
35 Congress St., Boston, Mass.
Sec. & Treas. C. A. Olson,
35 Congress St., Boston, Mass.
*¶ Dist. Mgr. W. P. Hurd......Van Wert
Audr. H. B. Turner,
35 Congress St., Boston, Mass.
Cont. Agt. W. Brunell.............Delphos
Gen. Supt. F. L. Wise..........Van Wert
Supt. Ovhd. Distrbn. G. T. Snyder "
Ch. Engr. E. J. Wagner......... "

2 a. c. West, Stanley tot. 400 kw. 2200 v. 2 ph. 60 cys; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys; 480 hp. e. Bass; 450 hp. b. Bass; stm. htg; 2 transf. G. E. tot. 500 kw; trans. from this sta. to Convoy, Grover Hill, Ohio City and Middle Point.

City cont. 340 incs. series 6.6 amp. 250 c. p. (197) & 100 c. p. (143) $28.80 & $14.40 per yr. all nt; coal $2.15. (Distributes in Catawba, Convoy, Delphos, Deshler, Glandorf, Grover Hill, Hoytville, Leipsic, Middle Point, Mutual, North Lewisburg, Ohio City, Ottawa, Ottoville, Urbana, Van Wert, West Leipsic and Woodstock.)

D H L S 2 3 ★26

**VERMILION,** 1,369 — People's Lt. & Pwr. Co. (Controlled by the Lake Shore Elec. Ry., Cleveland).

¶ Pres. E. W. Moore............Cleveland
V. Pres. & Gen. Mgr. F. W. Coen. Sandusky
Sec. & Treas. J. P. Witt........Cleveland

a. c. day & nt. ltg. cir. 110 v; energy from st. ry. lines.

City cont. 34 arcs 300 w. $60 per yr; 12.-30 A. M. (Also lts. Bay Village, Berlin Heights and Castalia.)

D L X 74

**VERSAILLES,** 1,580 — Munic. Wtr. Wks. & Elec. Lt. Plant; cost $40,000.

Pres. Vil. Frank Ash............Versailles
Sec. E. C. Manier................ "
*Supt. W. H. Ware............... "
Engrs. { Charles Riley.......... "
Engrs. { John Gibboney....... "

2 d. c. Ft. W, Tri. tot. 200 kw. 250 v; d. c. nt. ltg. & mo. cir. 220 v; 350 hp. e. Rus, Skinr; 300 hp. b. Gem City, Brnl.

50 city arcs 660 w. moonlt. mdnt; coal $2.50.

C L S ✠ ★125

**WADSWORTH,** 3,000 — The Wadsworth Light & Water Co.; cap. $70,650.

Pres. Wm. Artman............Wadsworth
V. Pres. Geo. Hambleton..... "
Sec. Ira Everhard............ "
*Treas. & Mgr. J. H. Rickard "
¶ Supt. & Engr. Pwr. Sta.
F. J. Porter................. "
Asst. Engr. Carl Stauffer..... "

3 a.c. West. W. E. tot. 300 kw. 2200 v. s. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 420 hp. e. Skinr; 250 hp. b. Union.

City cont. 61 series arcs 1200 c.p. $45.38 per yr; 17 tung. 6.6 amp. 75 w. $9.60 per yr; moonlt. mdnt; coal $1.90.
D L S 1 2 3 ✠ 45E

**WAPAKONETA,** 5,349—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $100,000.
Service Director, Henry Moser Wapakoneta
Sec. to Service Director,
Ed. Daugherty............ "
*Supt. Harry Nagel......... "
Ch. Engr. Pwr. Sta.
Clarence Chambers....... "
2 a.c. Ft. W. tot. 300 kw. 1100-110 v. s. ph. 140 cys; 2 arc Wood tot. 120 lt; a.c. day & nt. ltg. cir. 104 v. 140 cys; a. c. mo. cir. 208-104 v. s. ph. 140 cys. & 440 v. 3 ph. 25 cys; 600 hp. e. L. & B; 650 hp. b. Erie, C. & H; also stm. htg.
91 city arcs 450 w. $27 per yr; incs. 7½ cts. per kw; moonlt; coal $2.20.
D H L S 1 3 ★125

**WARREN,** 16,600—The Trumbull Public Service Co. (Five plants: Warren (stm & gas), Newton Falls (West Fork & East Fork—hydro-elec) and Leavittsburg (hydro-elec). (Controlled by the Cities Service Co., and operated by the Doherty Organization, 60 Wall St., New York, N.Y.); cap. auth. & outstdg. $1,700,000.
Pres. Henry L. Doherty..New York, N.Y.
V. Pres. W. C. Ward..............Warren
Sec.& Treas. Walter W. Martin... "
Asst. Sec, E. E. McWhiney.. } New York
Asst. Treas. W P. Troth.... } N.Y.
Gen. Mgr. E. L. Franklin.........Warren
*Gen. Supt. M. L. Derge......... "
Engr. Pwr. Sta. L. L. Swartz.... "
Warren (stm): 2 a. c. turbo-gen. G. E. tot. 7200 kw. 2300 v. 3 ph. 60 cys; 1 a. c. G. E. 400 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 200 kw. 575 v; 600 hp. e Cpr. Cor.; 2250 hp. b. Stir. Erie City Edge.
Warren (gas): 1 a. c. Burke 250 kw. 2300 v. 3 ph. 60 cys; 350 hp. e (gas) Olds.
Newton Falls (West Fork of Mahoning River): 1 a. c. Elec. Mch. 300 kw. 2300 v. 3 ph. 60 cys; 3 wtr. wheels 400 hp. Dayton.
Newton Falls (East Fork): 1 a. c. Elec. Mch. 300 kw. 2300 v. 3 ph. 60 cys; 3 wtr. wheels 400 hp. Dayton.
Leavittsburg: 1 a. c. Elec. Mch. 300 kw. 2300 v. 3 ph. 60 cys; 3 wtr. wheels 400 hp. Dayton.
All plants tied by 22,000 volt high tension system.
a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. mo. cir. 500 v.
City cont. 982 Mazdas 60, 80 & 100 c. p. $13.90, $19.50 & $23 per yr; all nt; coal $2.05. (Serves Warren, Niles, Leavittsburg, Garrettsville, Windham, Phalanx Station, Hiram and Newton Falls.)
C D G L S W 3 ✠ 125

**WASHINGTON, C. H.,** 7,277—The Washington Gas & Elec. Co. (Consol. The Washington Gas Lt. Co. and The Washington Elec. Lt. Ht. & Pwr. Co.); cap. auth. $200,000; bds. $50,000.
Pres. H.B. Dahl ......Washington, C.H.
¶ Sec. & Mgr. G. N. Clapp ..Middletown
*Supt. & Ch. Elecn. Jos. Gillespie Washington, C. H.
Ch. Engr. David Meier.. " "
2 arc G. E. tot. 175 lt; 3 a. c. G. E, Bull. 350 kw. 2200-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 450 hp. e. Ideal, L. & B; 550 hp. b. Stir, Gem City; also stm. htg.
City cont. 109 arcs 330 & 466 w. $60 & $65 per yr; Bloomingburg, 56 incs. 50 c. p. $15 per yr; moonlt; coal. (Co. also lts. Jeffersonville, Holland, South Solon, Leesburg and Milledgeville.)
D H L S 3 ✠ 75

**WAUSEON,** 2,650—The Toledo & Indiana R.R. Co. Office, 408 Superior St., Toledo. (Purchased the electric light plant of H. H. Williams & Co.) Gen. sta.. Stryker; 13,200 v. 3 ph. trans. to Wauseon.
Pres. D. D. Schenck,
408 Superior St., Toledo
V. Pres. S. D. Carr,
Natl. Bank of Commerce. "
Sec. C. F. Chapman,
1002 Ohio Bldg., "
Treas. L. R. Schenck.. } 408 Superior St.,
*Mgr. H. C. Warren... } Toledo
Audr. C. B. Kleinhaus.. "
Supt. F. E. Guild.................Wauseon
Engr. Pwr. Sta. M. C. Hoard.....Stryker
2 a. c. West. tot. 250 kw. 1200 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 2000 hp. e. Cpr; 2000 hp. b. Stir; 2 freq. changes West. tot. 250 kw. 1200 v. 2 ph. 60 cys.
City cont. 101 series Mazdas 60-250 w. $15 per yr; moonlt; coal $2.25 to $2.40. (Co. also lts. Tedrow, Ottokee and Holland; sells energy in bulk to Archbold Elec. Lt. & Pwr. Co.)
D R S 2 ✠ 125

**WAVERLY,** 1,803—Munic. Elec. Lt. Plant; cost $40,000; bds. $11,000.
Pres. Bd. Julius Schiller ........Waverly
V. Pres. Oscar Streitenberger.... "
Sec. E. T. Tetrick.................. "
*Supt. & Engr. Pwr. Sta.
S. W. Overman................. "
2 a.c. Ft.W. 150 kw. 1000 v. s. ph. 140 cys; a. c. nt. ltg. cir. 100 v. 140 cys; a. c. mo. cir. 100 v. s. ph. 140 cys; 140 hp. e. Rus; 300 hp. b. Rus.
44 city Mazdas 250 w; moonlt; coal $2.05.
L S 1 75

**WAYNESVILLE,** 705—Munic. Water & Lt. Plant.
Pres. Bd. J. W. White.......Waynesville
V. Pres. H. M. Sherwood.... "
¶ Sec. J. E. Janney ......... "
Treas. J. H. Coleman........ "
*Mgr. & Ch. Engr.
J. W. Burton.................. "
Engr. Pwr. Sta. C. P. Joy... "
1 a. c. Ft. W. 75 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. e. Erie City; 160 hp. b. Gem.
7 city arcs A. B. 2000 c. p; 30 incs. 80 & 200 c. p; moonlt; coal $2.75.
L S 1 ✠ 125

**WELLINGTON,** 3,000—Munic. Elec. Lt. Plant. Cost $50,000; bds. $9,000.
Pres. of Bd. C. A. Gott........Wellington
Clerk, E. E. Goodrich........... "
*¶Supt. & Cont. Agt.
C. E. Gadfield................. "
Engr. Pwr. Sta. J. P. Gadfield "
2 a. c. Ft. W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys; 300 hp. e. Rus; 450 hp. e. (gas) B. & Mac; 300 hp. b. Erie, Brnl.
54 city nitro. lamps 400 c. p. $30 per yr. & 72 nitro. lamps $17 per yr. moonlt; coal $2.20.
D G L S 3 125

**WELLSTON,** 6,875—Munic. Elec. Lt. Plant.
*Dir. Pub. Serv. W. B. Rennie..Wellston
¶ Mgr. & Ch. Engr. Thos. Morgan "
2 a. c. Stan. tot. 150 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 180 hp. e. Rus; 400 hp. b. Borger.
Moonlt; coal $1. (Also lts. Hamden, Coalton & Glen Roy.)
D L S 2 ✠ ★125

**WELLSVILLE,** 7,769—The East Liverpool Trac. & Lt. Co. See East Liverpool.
City cont. 83 arcs 450 w. $66 per yr; 3 incs. 7.5 amp. 60 cp. $28 per yr; all nt.
L 74

**WEST CARROLLTON,** 1,285 — The Dayton Pwr. & Lt. Co. See Dayton.

**WESTERVILLE,** 1,903 — Columbus Ry., Pwr. & Lt. Co. See Columbus.

**WEST LEIPSIC,** 253 — The North Western Ohio Lt. Co. See Van Wert.
Energy from Leipsic; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 26

**WEST LIBERTY,** 1,288—West Liberty Lt. & Pwr. Co.; cap. stock $10,000.
Pres. M. J. Kehoe..............Springfield
Sec. T. J. Kehoe....................Toledo
*Mgr. Chas. E. Sims........West Liberty
Purchases energy from The Ohio Elec. Ry. Co; 2 transf. West. tot. 50 kva; 1 mo.-gen. West. 60 kw; a. c. day & nt. ltg. & mo. cir; 1 d. c. F. M. & Co. 60 kw. 220 v.
City cont. 45 Mazdas "C" 200 c. p. (19) & 100 c. p. (26) $45 & $30 per yr. all nt.
D L X ✠ 16

**WEST MANCHESTER,** 445—The Citizens' Lt. Co.; cap. $5,000.
Pres. Ed. A. Locke......West Manchester
V. Pres. Chas. A. Ford.. " "
Sec. W. B. Steck........ " "
Treas. J. W. Lease..... " "
*Gen. Mgr. J. E. Lease. " "
Energy purchased from The Greenville Elec. Lt. & Pwr. Co.
City cont. 18 incs. 60 c. p. $21 per yr. and 20 incs. 32 c. p. $19.50 per yr.
L 125

**WEST MANSFIELD,** 913 — Munic. Elec. Lt. Plant; cost $18,000.
Bd. of Pub. Affairs. } Pres. W. A. Bell West Mansfield
*¶Sec. O. E. Curl "
Ch. Engr. F. G. Middleton.... "
1 a. c. G. E. 90 kw. 1120-104 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; 100 hp. e. Brnl; 100 hp. e. (oil); 250 hp. b. Brnl.
25 city arcs 2000 c. p; 200 incs. 16 c. p; mdnt; 11 P. M; coal $2.
G L S 1 65w

**WEST MILTON,** 1,207—Stillwater Valley Elec. Plant. (Gen. sta. at No. Milton on Stillwater River.)
*Owner & Mgr. L. A. Pearson. West Milton
1 a. c. Allis-C. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 100 hp. e. (gas) St. Marys; 165 hp. turb. (wtr.) Dayton-Globe.
City cont. 84 nitro. lamps 100 c. p. 6.6 amp. $48 per yr. & 6 tung. 60 c. p. 6.6 amp. $30 per yr. all nt; gasoline or kerosene. (Co. also lts. Phillipsburg and New Lebanon.)
D G L W 1 3 125

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The Dayton, Covington & Piqua Trac. Co. Office, West Milton.
Pres. Dennis Dwyer..............Dayton
V. Pres., Sec. & Mgr. Thos. T. Robinson.... } 526 John Hancock Bldg., Boston, Mass.
Treas. Geo. E. Whiting. }
*¶Gen. Supt. Thos. J. Brennan..........West Milton
Ch. Engr. Pwr. Sta. H. A. Cecil "
2 d. c. G. E. tot. 350 kw. 600 v; d. c. nt. ltg. cir. 120 v; 500 hp. e.——; 625 hp. b. Hodges, Brnl; coal $2.10.
C L S 125

**WESTON,** 913—Pilliod Lt. & Pwr. Co. See Grand Rapids.
City cont. 110 tung. 60 w. $12 per yr.
L 125

**WEST UNITY,** 980—West Unity Pwr. & Lt. Co.; cap. $18,300; bds. $3,000.
Pres. Sec. & Mgr. A. M. Miller. West Unity
V. Pres. Geo. Keiser......... "
Treas. N. H. Miller............West Unity
*Supt. Burr K. Goodman..... "
Engr. Pwr. Sta. Jas. D. Prickett "
2 a. c. Allis-C tot. 200 kw. 2200 v. 3 ph. 60 cys; trans. volt. 6600 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220-440 v. s. & 3 ph. 60 cys; 200 hp. e. Ball; 250 hp. b. Erie City.
City cont. 25 Mazdas 400 c. p. $60 per yr. and 10 incs. mult. 100 w. $20 per yr. moonlt. 11:30 P. M; coal $2.70. (Co. supplies farmers; also sells energy in bulk to municipalities of Kunkle & Pioneer.)
D L S 1 3 ✠ ★125

**WILLIAMSBURG,** 948—Munic. Elec. Lt. Plant; bds. $8,500.
Pres. Bd. J. E. McKeever...Williamsburg
*Sec. A. U. Reed........... "
Treas. A. B. Ely............ "
Ch. Engr. S. McMillen...... "
Engr. Pwr. Sta. G. Runyon. "
1 d. c. G. E. 200 kw. 250 v; d. c. nt. ltg. cir. 220 v; 100 hp. e. Atlas; 100 hp. b. Atlas.
14 city arcs A. B. $25 per yr; 70 incs. $5 per yr; mdnt; coal $1.15.
C L S 25

**WILLOUGHBY,** 2,072—Munic. Elec. Ltg. System; cost $8,000.
Pres. Bd. Wm. Gillespie.....Willoughby
*Village Clerk P. P. Saxton. "
Purchases energy from The Cleveland, Painesville & Eastern R. R. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
180 city Mazdas series 80 & 100 c. p. moonlt.
D L I 16

**WILMINGTON,** 4,491 — The Dayton Pwr. & Lt. Co. For executive officers, see Dayton.
Local Supt. F. C. Jeannot....Wilmington
2 a. c. Allis-C. tot. 300 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 700 hp. e. Allis-C, L. & B; 600 hp. b. Erie, Heine.
City cont. 100 arcs magn. 320 w. (93 mdnt. & 7 all nt.) $52.50 & $62.50 per yr; 20 Mazdas series 75 w. $18 per yr. moonlt; coal. (Trans. to Port William and Bowersville.)
D L S 1 2 75w

**WINDHAM,** 261—The Windham Elec. Co; cap. outstg. $6,500.
Pres. M. D. Higley..............Windham
V. Pres. C. E. Smith........... "
*Sec. & Mgr. F. A. Eberwine .. "
Treas. F. H. Walden........... "
Energy purchased from The Trumbull Public Service Co. 3 ph. 60 cys; 3 transf. tot. 225 kw. West; a. c. day & nt. ltg. cir. 115 v. 60 cys.
City cont. 45 Mazdas 50 w. $15 per yr; mdnt. (Co. lts. Windham Village and township.)
D L 3 125

**WOODSFIELD,** 2,502 — Munic. Elec. Lt. Plant; cost $40,000; bds. $15,000.
¶ Pres. & Cont. Agt. N. T. Staudt................Woodsfield
Sec. & Treas. F. Buckio....... "
*Mgr. & Ch. Engr. J. K. Mercer................. "
2 a. c. Warren, tot. 170 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 104-108 v. 200 hp. e. (gas) St. Marys; 250 ph. e. Rus; 250 hp. b. Bellaire.
50 city Mazda series 200 c. p. and 80 Mazdas 60 c. p. 5 cts. per kw; all nt; gas 18 cts. per M.
G L S 1 ✠ 25

**WOOSTER,** 6,136—The Wooster Elec. Co.; cap. outstg. $50,000; bds. $30,000.
*Pres. & Mgr. Curtis V. Hard....Wooster
V. Pres. Dudley I. Hard........Cleveland
¶ Sec., Treas. & Supt. Clarence L. Allis..............Wooster

2 a. c. West. tot. 325 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 125 lts; a. c. day & nt. ltg. cir; 750 hp. e. Bckye, Rus, Allis-C; 850 hp. b. Rus, Erie.

City cont. 112 arcs G. E. magn. 4 amp. $67.50 per yr; 34 series Mazdas 32 c. p. $24 per yr; moonlt; all nt; coal $2.60. (Co. also lts. Smithville and will extend line to Madisonburg.)

D L S 3 95W

**WYOMING,** 1,892—The Union Gas & Electric Co. See Cincinnati.

**XENIA,** 8,706—The Dayton Pwr. & Lt. Co. See Dayton.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 146 arcs 2000 c. p. $62 per yr; moonlt.

D L 1 3 35

**YELLOW SPRINGS,** 1,480 — Munic. Elec. Lt. System; cost $10,000.

Board { W. H. Humphrey. Yellow Springs
Ed. Carlisle....... "
Wm. Layton...... "
*Sec. & Supt. C. H. Ellis.. "
City Treas. S. W. Cox..... "

Purchases energy from The Dayton Pwr. & Lt. Co. at Cedarville; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

D L I 125

**YOUNGSTOWN,** 115,000—The Youngstown & Sharon St. Ry. Co. Office, 25 E. Boardman St. (Formerly The Youngstown Consolidated Gas & Elec. Co.) (Controlled by the Mahoning & Shenango Ry. & Lt. Co., which in turn is controlled by the Republic Ry. & Lt. Co.) Pwr. stas. Lowellville (leased from Republic Constr. Co.) and Youngstown (owned); cap. outstg. $712,500; bds. $1,207,500.

Pres. R. P. Stevens..........Youngstown
Sec. & Audr. A. E. Dedrich.. "
Treas. E. G. Dunlap.......... "
Mgr. Lt. & Pwr. E. H. Beil.. "
¶ Pur. Agt. C. O. Bailey...... "
Cont. Agt. F. J. Hartshorn, Jr. "
Elec. Engr. F. W. Funk..... "
Supt. Ovhd. Distrbn.
E. O. Alexander............ "
Supt. Undgrd. Distribn.
Morris Goldlust............ "
Engr. Pwr. Sta.
H. W. Bromley............. "

4 a. c. West. G. E. tot. 11,000 kw. 2300 v. 2 ph. 60 cys; 2 d. c. West. tot. 1000 kw; 550 v; a. c. day & nt. ltg. cir 110 v; a. c day & nt. mo. cir. 220 v. 2 ph. 60 cys; d. c mo. cir. 550 v; 3000 hp. e. Green-Wheelock; 3700 hp. b. Bab. & W. Heine; 10,000 kw. turb. (stm.) West, G. E; trans. volt. 22,000 v.

City cont. 3600 type "C" lamps 100 c. p. $13.55 per yr. all nt; 285 type "C" lamps 600 c. p. $60.16 per yr. all nt. & $44.10 per yr. mdnt; 260 type "C" lamps 1000 c. p. $66.33 per yr. all nt. & $47.36 per yr. mdnt. (Co. also lts. East Youngstown, Girard and Struthers; supplies energy to the entire system of the Mahoning & Shenango Ry. & Lt. Co.; sells energy n bulk to cities of Hubbard and Lowellville.)

C D R S 2 ★26

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Republic Ry. & Lt. Co.—Corporate office, 15 Exchange Pl., Jersey City, N. J. Owns or controls the following companies through its control of the Mahonng & Shenango Ry. & Lt. Co., which is he operating company: The Mahoning Valley Ry. Co., The Mahoning Valley Southeastern Ry., New Castle Elec. Co., New Castle Elec. St. Ry. Co., The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahonngtown St. Ry. Co., New Castle Trac. Co., Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), Sharpsville Elec. Lt. Co., The Shenango Valley Elec. Lt. Co., The Youngstown Park & Falls St. Ry. Co., Youngstown & Sharon St. Ry. Co., Poland St. Ry. Co. (through The Mahoning Valley Ry. Co.) and Pennsylvania Pwr. Co.; controls directly Zelienople Lt. & Pwr. Co. The properties consist of street and interurban lines in Youngstown, Girard, Niles, Mineral Ridge, Warren, Leavittsburg, E. Youngstown, Struthers, Lowellville, Hubbard and Poland, O., and Edenburg, New Castle, New Bedford, Sharon, Sharpsville, Farrell, Wheatland, Middlesex and West Middlesex, Pa., and electric lighting in Youngstown, E. Youngstown, Girard, Struthers and Hubbard, O., and New Castle, Sharon, Sharpsville, Farrell, Wheatland, Ellwood City, Wampum, Chewton, Zelienople and West Pittsburgh, Pa. Gas supplied to Youngstown.)

Pres. Oren Root............ } New York, N. Y.
V. Prests. { Gen. Counsel, Wm. M. Coleman } New York, N. Y.
Geo. A. Galliver.. "
Sec. & Treas. E. W. Freeman "
Asst. Treas. L. J. Hart......... "

★95

**ZANESVILLE,** 28,026--Columbus, Newark & Zanesville Elec. Ry. Co. (Controlled by The Ohio Elec. Ry. Co., Springfield, which see for executive officers.)

Supt. G. D. Nicoll.................Zanesville
Engr. I. W. Smith.............. "

5 a. c. W. E., G. E. tot. 2750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-115 v; 1200 hp. b. A. & T, Heine; 1100 kw. stm. turb. G. E; 700 kw. wtr. wh. Platt.

City cont. 361 arcs 500 w. $57 per yr; 199 Tung. 75 w. $23 per yr; all nt; coal $1.85.

D R S W 3 16

## OKLAHOMA.

**ADA,** 7,000—Ada Elec. & Gas Co.; cap. $100,000; bds, $77,500.

Pres. J. A. Hamilton............Marissa, Ill.
*¶ V. Pres. Treas. & Mgr.
F. E. Bowman.........................Ada
Sec. Percy B. Smith........St. Louis, Mo.
Ch. Engr. & Elecn. F. A. Ford........Ada

2 a. c. W. E. 500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 700 hp. e. Ham, Cor; 550 hp. b. Brnl, Keeler.

City cont. 52 arcs series a. c. 6.6 amp. $84 per yr; moonlt; gas.

D L S 3 ✠ 25

**AFTON,** 1,279—Munic. Lt. & Wtr. Plant; cost $64,000; bds. $54,000.

Clerk, H. J. Allison......................Afton
*Mgr. W. E. Blackwell............... "
Engr. Pwr. Sta. E. M. Bailey....... "

2 a. c. West. tot. 160 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 220 hp. e. Erie City; 325 hp. b. Erie City.

6 city arcs A. B. 600 w. and 21 incs. mult. 250 & 500 w. tot. $1,085 per yr; moonlt; coal $2.45.

D L S 1 3 ✠ ★16

**ALTUS,** 4,821—Munic. Wtr. & Lt. Dept; cost $35,000.

Mayor. S. E. Hickman...................Altus
*¶ Supt. Chas. H. Welch............ "
Engr. Pwr. Sta. J. S. Harnes........ "

2 a. c. West. tot. 350 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 400 hp. e. Mur. Cor; 3 boilers.

City cont. 30 met. arcs 6.6 amp; moonlt; slack $2.65. (Also lts. Blair.)

D L S 1 3 ✠ 75

**ALVA,** 5,000—Alva Lt. & Pwr. Co.; cap. $20,000.
*¶ Pres. Mgr. & Cont. Agt.
N. R. Gascho.........................Alva
V. Pres. Mrs. C. C. Schleter...Denver, Col.
Sec. & Treas. R. P. Ervien. Santa Fe, N. M.
Engr. Pwr. Sta. Percy Jones..........Alva

3 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240 v. s. ph. 60 cys; 275 hp. e. Cor, Skinr; 225 hp. a. (oil) Busch, Diesel; 160 hp. b. Brnl.

City cont. 62 arcs enclosed 6.6 amp. $60 per yr; moonlt; oil 85 cts. per bbl.

D G L S 1 ✠ 125

**ANADARKO,** 3,439—Munic. Electric Lt. Plant; cost $96,000.
*Supt. N. A. Kunkel...........Anadarko
Ch. Engr. Roy Tipton.......... "
Engrs. Pwr. Sta. J. H. Mondy. "
B. J. Mondy. "

3 a. c. Bull, Ft. W. tot. 310 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 160 hp. e. McE; 410 hp. b. Kewanee, Atlas; 308 hp. turb. (wtr) Victor.

60 city arcs series 495 w; 50 city incs. 16 c. p; moonlt; coal $4.33.

D L S W 3 ★16

**ANTLERS,** 1,273—Antlers Lt. & Pwr. Co.; cap. outstg. $10,000; no bds.
Pres. Jake Easton..................Antlers
V. Pres., Sec. & Treas.
Clark Wasson .................... "
*Mgr. B. F. Schaaler................ "
Ch. Engr. G. A. Hackworth........ "

1 a. c. W. E. 50 kw. 2300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. day (part) & nt. mo. cir. 2200 v. 2 ph. 60 cys; 125 hp. e. Mur, Cor; 150 hp. b. Mur; 65 hp. e. (gas) F. M. & Co; 100 hp. gas pro. F. M. & Co.

City cont. 6 arcs W. E. 6 amp. $60 per yr; 13 Mazdas 60 w. $18 per yr; all nt; coal $3.15.

G L S 2 ✠ 85

**APACHE,** 950—*Munic. Elec. Lt. Plant; bds. $54,000.
Supt. E. G. King.................Apache

1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 400 hp. b. Brnl.

L S 3 43

**ARAPAHO,** 1,000—Munic. Lt. & Wtr. Plant; bds. $40,000.
*Mayor (Supt.) G. C. Darnell....Arapaho
Engr. Pwr. Sta. S. Sziddle........ "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 80 hp. e. (gas) F. M. & Co.

City cont. 14 arcs Ft. W. 6.6 amp; 28 incs. Ft. W. 100 w; mdnt. & 5:30 to 2 A. M; oil 4½ cts.

G L ✠ ★125

**ARDMORE,** 8,618—Ardmore Ice, Lt. & Pwr. Co.; cap. auth. $250,000.
Pres. Wm. J. Lemp, Jr.....St. Louis, Mo.
V. Pres. L. P. Anderson.........Ardmore
*¶ Treas. & Mgr. H. E. Foster.... "
Supt. & Ch. Elecn. La Mont Byers "
Ch. Engr. H. J. Snyder.......... "

4 a. c. West. tot. 905 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. mo. cir. 208 v; 1525 hp. e. A. & S. Vilter, St. Louis; 1200 hp. b. Wangler, Heine.

City cont. 15 arcs 1200 c. p. $90 per yr; 210 incs. 32 c. p. $30 per yr; all nt; gas 10 cts.

D L S 2 16

**ATOKA,** 1,968—Public Service Co. of Oklahoma. For executive officers, see Okla. City.
Local Mgr. A. Robb Sanson........Atoka
Engr. Pwr. Sta. Ray Downing..... "

2 a. c. Ft. W, E. M. & Co. tot. 115 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 380 hp. e. Ham, Cor, Chuse; 280 hp. b. Brnl, Taylor, Cleveland; also 15-ton ice plant (Wolf).

City cont. 5 incs. series 6.6 amp. 250 w. $81 per yr; 51 incs. series 6.6 amp. 75 w. $33 per yr; moonlt; coal $1.55.

D I L S 3 ✠ 16

**BARTLESVILLE,** 8,000—Bartlesville Inter Urban Ry. Co. (Controlled by Cities Service Co. Operated by the Doherty Organization, 60 Wall St., New York City); cap stk. $143,550; bds. $250,000.
Pres. H. L. Doherty.........60 Wall St., New York, N. Y.
V. Prests. 1st—F. W. Frueauff "
2nd—J. J. Curl...Bartlesville
3rd & Gen. Mgr. S. B. Irelan.. "
*Sec. & Treas. R. Marsden... "
¶ Supt. D. G. Brandt......... "
Engr. Pwr. Sta. Chas. C. Ditto. "

2 a. c. Allis-C. tot. 925 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E, Allis-C. tot. 625 kw. 500 v; 2 d. c. arc mach. tot. 100 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1200 hp. e. Allis-C. Cor; 500 kw. stm. turb. Allis-C; 1535 hp. b. Bab. & W.

City cont. 92 arcs A-B 6.6 amp. 2000 c.p. $60 per yr; 16 incs. series 6.6 amp. 80 c. p. $24.00 per yr; all nt; 258 incs. 100 w; mdnt; gas 10 cts. (Co. also lts. Dewey.)

C D R S 3 16

**BLACKWELL,** 3,266—Blackwell Munic. Lt. & Wtr. Plant; cost $111,000; bds. $103,000.
*¶ Supt. R. C. Morris...........Blackwell
Ch. Engr. Pwr. Sta. O. A. Frampton "

2 a. c. W. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. Erie, Bates; 550 hp. b. Erie City.

City cont. 23 11-lt. tung. arches, 60 w. midnt; 114 series st. lts. all nt; nat. gas 5 cts. per M.

D L S 3 ★125

**BOLEY,** 1,334—Boley Lt., Pwr. & Mfg. Co.; cap. $11,000.
Pres. J. O. Williams......Galveston, Tex.
V. Pres. T. M. Haynes...............Boley
¶ Sec., Mgr. & Cont. Agt.
J. R. Reynolds............Baldwin, La.
*Treas. D. J. Turner.................Boley
Supt. & Engr. Pwr. Sta.
G. A. Palmer......................... "

2 a. c. E. M. Co, West. 80 kw. 1150 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 1100 v. 3 ph. 60 cys; 50 hp. e. Atlas; 60 hp. b. H. & G; 50 hp. e. (gas) F. M. & Co.

City cont. 4 arcs 250 w. $60 per yr; 40 Tung. 50 c. p. $6 per yr; moonlt. all nt; oil 5 cts. per gal.

L S 1 3 ✠ 74

**BROKEN ARROW,** 1,576 — The Broken Arrow Elec. Lt. & Pwr. Co.; cap. outstg. $20,000; no bds.
*¶ Pres. & Mgr. J. H. Rhyne. Broken Arrow
V. Pres. & Treas.
F. S. Hurd.................. "
Sec. E. B. Baxter............. "
Treas. A. L. Davis............. "

2 a. c. G. E.. tot 205 kw. 2300 v. 2 ph. 60 cys; 1 arc West. 25 lt; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir; 350 hp. e. Engl. York, Skinr; 200 hp. b. Erie; also 7-ton ice plant.

City cont. 27 arcs West. 6.6 amp. $90 per yr; moonlt; all nt; gas 5 cts.

D I L S 2 ✠ ★125

**BROMIDE,** 30—Bromide Gas & Elec. Co. Owned by *Bromide-Stone Co.; cost $5,000.

Pres. Robt. Golbreath..................Tulsa
¶Sec. & Mgr. C. E. Zahn........Bromide
a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Bates; 150 kw. b. G. E; trans. 2300 v. 3 ph. 60 cys.

City cont. 12 arcs; all nt; coal $2.10.
D L S 3 ✣ 13

**CADDO,** 1,143—Caddo Pwr. Co.; cap. outstg. $6,000; no bds.
Pres. P. H. Tobin.........Denison, Texas
V. Pres. J. R. Cullinane...St. Louis, Mo.
*¶Sec., Treas. & Mgr.
W. J. O'Brien...................Durant
Ch. Engr. W. H. Williams.........."
1 a. c. Ft. W. 50 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 100 hp. e. Chuse; 100 hp. b. Atlas.

City cont. 40 Mazdas 100 w. $36 per yr; all nt; coal $1.90. (Will connect with plant at Durant.)
D L S 1 3 ★125

**CAPITOL HILL,** 1,301 — Oklahoma Gas and Elec. Co. See Oklahoma City.

**CARMEN,** 883—Munic. Elec. Lt. & Wtr. Plant.
Treas. R. E. Crain...............Carmen
*Supt. Fred. N. Coffman.........."
Engr. Pwr. Sta. E. J. Howard...."
1 a. c. Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; a.c. day (summer) & nt. ltg. cir. 110 v; 125 hp. e. H. N. Strait; 200 hp. b English.

City cont. 126 series tung. 75 w. moonlt; coal $4.05.
D L S 3 ✣ 25

**CHANDLER,** 2,024—Chandler Elec. Co.; cap. $5,000; no bds.
Pres. P. F. Sennett..............Chandler
¶Sec. Treas. Cont. Agt. & Supt.
D. M. Bangs......................"
*Mgr. C. F. Barrows............"
Engr. Pwr. Sta. J. D. Hargis...."
3 a. c. Stan. tot. 180 kw. 2300 v. 2 ph. 133 cys; a. c. day & nt. ltg. cir. 133 cys: a. c. day & nt. mo. cir. 110 v. 2 ph. 133 cys; 120 hp. e. Ideal; 60 hp. e. (gas) Foos; 140 hp. b. Frost.

City cont. 35 arcs 6.6 amps. $4.16⅔ per mo; moonlt; gas 11 cts.
D G L S 2 ✣ 25

**CHECOTAH,** 1,683—The Checotah Wtr., Lt. & Ice Co.; cap. $50,000; no bds.
Pres. D. M. Faulkner .......Temple, Tex.
V. Pres. L. G. Faulkner...."
*Sec., Treas. & Mgr. L. B. Griffing. Checotah
¶ Asst. Mgr. Trevor Faulkner.."
Engr. Pwr. Sta. J. B. Redpath...."
2 a. c. Westg, Allis-C. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 300 hp. e. Allis-C. Cor. Adams; 350 hp. b. Atlas, Kew; also 12-ton ice plant.

City cont. 23 arcs $84 per yr; 5 Mazdas 40 c. p. $1.25 per yr; moonlt; gas 7 cts.
D I L S 3 ✣ 16

**CHEROKEE,** 2,016—Munic. Elec. Lt. & Wtr. Plant; cost $25,000.
Mayor, A. J. Titus...............Cherokee
Treas. J. C. Beatty..............."
*Supt. O. E. McDowell.........."
Engr. Pwr. Sta. Wilbur Hues...."
2 a. c. Ft. W. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 325 hp. e. ——; — hp. b. I. I. Works.

130 city Tung. 75 w. mdnt; coal. (Also lts. Ingersoll and expects to extend service to Driftwood, Burlington, Byron and Amorita.)
D L S 3 84

**CHICKASHA,** 10,320—Chickasha Gas & Elec. Co. Power plant on Washita River. (Operates properties formerly owned and operated by Chickasha Gas Co., Chickasha Wtr. Pwr. Co., and Chickasha Lt., Ht. & Pwr. Co.) (Subsidiary of the Middle West Utilities Co.); cap. $750,000; bds. $225,000.
Pres. Fred. W. Insull.....Oklahoma City
*V. Pres. & Mgr. F. D. Shaffer..Chickasha
Sec. Burton French......Oklahoma City
Treas. R. F. Frank......." "
Audr. John Rapp........" "
¶Pur. Agt. Galen Crow..." "
6 a. c. G. E. West. tot. 2015 kw. 2200 v. 3 ph. 60 cys; 2 arcs G. E. West. tot. 100 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 220 hp. e. (gas) Bckye; 975 kw. turb. (wtr.) Tri, West; 1025 kw. turb. (stm.) G. E. Curtis, West; 1050 hp. b. Mur, Heine.

City cont. 100 arcs 4 amp. and 42 arcs 6.6 amp. $60 per yr; 8 Mazdas 100 w. $16.50 per yr; all nt; oil 60 cts. per bbl. (Also lts. Ninnekah.)
D G L S W 3 ✣ ★16

**CLAREMORE,** 2,866—Munic. Elec. Lt. & Wtr. Plant; cost $100,000; bds. $85,000.
Mayor, C. B. Halzendorf.......Claremore
*Clerk, Chas. Cardin.............."
Supt. John C. Chalfant........"
2 a. c. Warren, Allis-C Bul. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 arc 25 lt; a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 220 v. 3 ph; 325 hp. e. Quincy, Mur; 325 hp. b. Kew, Eng.

60 city arcs A. B. 7½ amp; com. ltg. 8 to 10 cts. per kw; nat. gas 8 cts.
D L S 3 25

**CLINTON,** 2,781—Munic. Lt. & Pwr. Plant; cost $40,000; bds. $40,000.
Mayor, C. E. Gannaway..........Clinton
V. Pres. R. E. Sturgis.............."
Clerk, S. J. Storm................."
Treas. H. L. Guitt................."
*¶Mgr. & Cont. Agt.
E. W. Merrifield.................."
Engr. Pwr. Sta. Jack Parrish......"
2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 d.c. arc G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2300 v; 400 hp. e. Bates, Cor, Ide; 450 hp. b. English.

City cont. 34 arcs G. E. 500 w. $84 per yr; 30 tung. 200 w; $24 per yr; moonlt; coal $2.41.
D L S 3 16

**COALGATE,** 3,255—Public Service Co. of Oklahoma. See Oklahoma City.
Local Mgr. John W. Thomas....Coalgate
Engr. Pwr. Sta. W. M. Cuddy...."
2 a. c. Allis-C, G. E. tot. 825 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 550 hp. e. Allis-C, Mur. Cor; 375 hp. b. O'B, Erie; also 20 ton ice plant. (York).

City cont. 5 G. E. series arcs 7.5 amp. $84 per yr; 86 Mazdas 100 w. $25 per yr; all nt; oil 60 cts. per bbl. (Trans. to Phillips, Cottonwood and Lehigh.)
D I L S 1 3 ✣ 16

**COLLINSVILLE,** 6,500 (est.)—Munic. Wtr. & Lt. Dept.
Bd. of { Chm. T. A. Lee......Collinsville
Comrs. } H. L. Hille.........."
*¶Mgr. Claude Thorpe ........"
Engr. Pwr. Sta. Nute G. Powers "
2 a. c. Allis-C, Ft. W., Wood. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 450 hp. e. Ide. Chuse; 450 hp. b. Brnl

162 street series incs. 6.6 amp; all nt; nat. gas 7 cts.
D L S 3 ✣ ★125

**CORDELL,** 2,500 — Munic. Lt. & Wtr. Plant; cost $18,000.

Mayor, R. L. Harvey..............Cordell
City Clerk, J. Reid.................. "
*¶Supt. T. B. Wolford.............. "
Engr. Pwr. Sta. J. H. Killian...... "
2 a. c. Ft. W. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. (5 A. M. to mdnt.) 110 v; a. c. day & nt. mo. cir. (5 A. M. to mdnt.) 220 v. 3 ph. 60 cys; 240 hp. e. Ideal, Chuse; 250 hp. b. Mur.
City cont. 30 Mazdas "C" 400 c. p; moonlt; coal $3.45.
D L S 3 ✠ 125

**CUSHING,** 4,008—Minnesota Elec. Lt. & Pwr. Co. For executive officers see Duluth, Minn.
¶Local Mgr. D. G. Lewis..........Cushing
Engr. Pwr. Sta. Joe Carter....... "
2 a. c. Allis-C. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Mur; 450 hp. b. Gem.
City cont. 200 incs. mult. 100 w. $12 per yr; all nt; oil 35 cts. per bbl.
D L S 3 ★26

**CUSTER CITY,** 925—Custer City Lt. & Wtr. Plant (Munic.); cap. $40,000.
Pres. Bd. Sam L. Darrah......Custer City
Sec. D. E. McKenney.............. "
Treas. L. L. Hoyt.................. "
*Supt. H. H. Hatchett.............. "
2 a. c. Ft. W. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. & mo cir. 110-220 v. 3 ph. 60 cys; 200 hp. e. Chuse; 250 hp. b. H. S. & G.
L S 3 ★125

**DAVIS,** 1,416—Davis Elec. Lt. Co.
*¶Mgr. T. H. Slover....................Davis
2 a. c. Warren G. E. tot. 100 kw. 2200 v. s. & 3 ph. 60 cys; 90 hp. e. Atlas.
City cont. 4 nitro. lamps 500 w. $36 per yr; moonlt; coal $1.50 to $2.30; wood $2.25.
L S 1 3 ✠ 16

**DEWEY,** 1,844—Bartlesville Interurban Ry. Co. See Bartlesville.

**DUNCAN,** 2,477—Duncan Elec. & Ice Co. (Controlled by the Southwestern Cities Elec. Co., 49 Wall St., New York, N. Y., and operated by Jno. C. Keys. Lawton, Okla.); cap. $75,000; bds. $50,000.
Pres. John C. Keys...................Lawton
Sec. J. R. Bond..................... "
Treas. E. W. McClintic.............. "
Supt. F. V. Hyde....................Duncan
Engr. Pwr. Sta. V. T. Hyde........ "
2 a. c. Elec. Mch. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 285 hp. e. Chuse; 275 hp. b. Brnl; also ice plant (Triumph).
City cont. 63 incs. 100 w. $85 all nt; coal $3.95.
D I L S 3 ✠ 45

**DURANT,** 5,330—Durant Ice & Lt. Co.; cap. outstdg. $20,000; bds. $70,000.
Pres. P. H. Tobin............Denison, Tex.
V. Pres. J. R. Cullinane....St. Louis, Mo.
*¶ Sec., Treas., Mgr. & Cont. Agt.
W. J. O'Brien.....................Durant
Engr. Pwr. Sta. W. H. Williams.. "
4 a. c. West, G. E. tot. 640 kw. 2300 v. s. & 3 ph. 60 cys; 1 rectifier G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 400 hp. e. Rus; 550 hp. b. O'B, Casey-Hedges; 812 hp. stm. turb. West.
City cont. 40 arcs G. E. 4 amp. 2 cts. per kw; all nt; oil 72 cts. (Erecting trans. line to Caddo and will furnish energy to Caddo Pwr. Co.)
D L S 1 3 ✠ 125

**EDMOND,** 2,090—Munic. Elec. Lt. & Wtr. Plant; bds. $69,000.
Wtr. & Lt. Comm. Chmn. D. N. McGowan. Edmond
W. G. Himes............ "
W. D. Thompson....... "
*Supt. M. W. Keeney.............. "
Ch. Engr. L. F. Kneeland.......... "
Engr. Pwr. Sta. C. J. Steen......... "
2 a.c. Allis-C. E. M. Co. tot. 110 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 180 hp. e. (gas) Bessemer; 100 hp. e. Brnl; 125 hp. b. Brnl.
5 city arcs A. B. 450 w. $84 per yr; 54 tung. 250 w. $36 per yr; moonlt; nat. gas 25-16-10 cts; coal $3.50.
D G L S 1 3 36E

**ELK CITY,** 3,165—The Elk City Ice, Fuel & Lt. Co.; cap. $60,000.
Pres. & Treas. W. T. Havard........Hobart
V. Pres. D. M. Brenneman.......... "
*Sec., Mgr. & Cont. Agt.
W. E. Corn.....................Elk City
Engr. Pwr. Sta. Hugh Gardner.... "
2 a. c. Allis-C. tot. 315 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 400 hp. e. Bates & Arctic; 400 hp. b. C. & H.
City cont. 28 arcs 6.6 amps. $175 per mo; moonlt; coal $3.50.
D I L S 3 ✠ 125

**EL RENO,** 7,872—El Reno Gas & Elec. Co. (Controlled by Standard Gas & Elec. Co. and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $227,200; bds. $140,000.
Pres. Arthur S. Huey.........Chicago, Ill.
V. Pres. John J. O'Brien..... "
Sec. R. J. Graf.............. "
¶ Treas., Gen. Mgr. & Cont. Agt.
F. H. Tidnam...................El Reno
Supt. & Ch. Elecn. H. W. Steele. "
Engr. Pwr. Sta. A. C. Ward....... "
2 a. c. Bull. W. E. tot. 575 kw. 2200 v, 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 950 hp. e. Mur, Ham. (Cor.); 600 hp. b. Kew, Mur.
City cont. 112 series arcs 6.6 amp. $61.20 per yr; 240 tung. 40 w. $4.98 per yr; moonlt; oil. (Also lts. Darlington.)
D L S 2 25

**ENID,** 10,500—Enid Elec. & Gas Co. (Formerly Garfield County Gas & Elec. Co.) (Controlled by the Standard Gas & Elec. Co. and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $939,300; bds. $620,000.
Pres. J. F. Curran......................Enid
V. Pres. Wm. C. McKenna..Chicago, Ill.
¶ Sec., Treas. & Mgr.
Lincoln Beerbower..................Enid
Supt. C. E. Rentchler................ "
Engr. Pwr. Sta. W. O. Gunn........ "
5 a. c. G. E. Allis-C. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 2 d.c. W. E, G. E. tot. 500 kw. 550-600 v; a.c. day & nt. ltg. cir. 110-104 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1325 hp. e. Murray, Bull; 1245 hp. b. Bab. & W. Bonson.
City cont. 139 arcs G. E. series 7.5 amp. $66 per yr; 180 tung. 40 w. $9 per yr: all nt; oil 80 cts. (Co. sells energy to Enid City Ry. Co.)
C D L S 3 25

**EUFAULA,** 1,307—Pioneer Elec. & Pwr. Co.; cap. $25,000; no bds.
Pres. J. T. Primrose..............Eufaula
V. Pres. Phil Brown................ "
Sec. C. E. Foley..................... "
*¶ Treas., Mgr. & Cont. Agt.
E. F. Saltsman..................... "
Supt. Jos. C. Brennan.............. "
Engr. Pwr. Sta. Ben Clemmons..... "
1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v. 60 cys: 100 hp. e. Chuse; 100 hp. b. Shea; also 6-ton ice plant.

City cont. 15 tung. 250 w. $36 per yr; 35 tung. 100 w. $30 per yr; all nt; gas 7 cts. per M.
D I L S 3 ✢ 75

**FAIRFAX,** 819—*C. I. Huffaker; cost (est.) $7,500.
1 a. c. F. M. & Co. 30 kva. 2300 v. 3 ph. 60 cys; a. c. day (part) & nt. ltg. cir. 110-112 v; a. c. day (part) & nt. (part) mo. cir. 110-112 v. s. ph. 60 cys; 37½ hp. e. (oil) F. M. & Co.
City cont. 8 incs. "C" 100 & 300 w. $3 & $5 per mo; moonlt; oil 6⅛ cts. per gal.
D G L 1 3 ✢ §26

**FAIRLAND,** 569—Fairland Lt. & Pwr. Co.
*¶ Mgr. L. H. Long..............Fairland
Supt. Floyd Roberts.............. "
d. c. nt. ltg. & mo. cir; 25 hp. e. (gas) Internl.
City cont. 7 arcs; gasolene.
C G L ✢ 114E

**FAIRVIEW,** 2,020—Munic. Elec. Lt. & Wtr. Plant; cost $140,000.
*¶Clerk & Supt. P. H. Wimpey..Fairview
Engrs. Pwr. Sta. } Jas. Mingee.......... "
} H. Henbro............ "
3 a. c. West. tot. 200 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v. s. & 3 ph. 60 cys; 300 hp. e. Rus; 300 hp. b. W. & W.
5 city arcs West. 6.6 amps; 90 series tung. 60 c. p; moonlt; coal $4.
D L S 1 3 45E

**FORT GIBSON,** 1,844—Muskogee Gas & Elec. Co. See Muskogee.

**FORT TOWSON,** 697—Fort Towson Elec. Lt. & Pwr. Co.; cap. outstg. $10,000; no bds.
*Pres. C. M. McDavis........Fort Towson
V.Pres. J. E. Crawford..Lake Charles, La.
Sec. & Treas. Bert Storm....Fort Towson
Purchases energy; 1 a. c. War. 45 kw. 2200 v. s. ph; a. c. day (fans) & nt. ltg. cir. 110 v.
City cont. 1 arc $102 per yr; 28 incs. $10.80 per yr; moonlt.
D L 1 ★16

**FOSS,** 525—Munic. Elec. Lt. Plant; bds. $8,000.
*¶ Supt. & Cont. Agt. H. D. Cobb. .Foss
Engr. Pwr. Sta. M. Heflin............ "
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 108 v. 60 cys; 75 hp. e. Chuse; 80 hp. b. H. S. & G.
10 city arcs A. B. $30 per yr; moonlt; coal $1,450 per yr.
L S 3 ✢ 125

**FREDERICK,** 3,027—*Foster-Harris Gin & Elec. Co.; cap. $10,000; no bds.
Pres. J. T. Lively..........Seymour, Tex.
¶ V. Pres. & Mgr. R. J. Harris ..Frederick
Sec. & Treas. S. J. Mathies.... "
Ch. Engr. Gus N. Harris........ "
Ch. Elecn. LeRoy G. Harris... "
2 a. c. West., Warren tot. 175 kw. 2300-110 v. s. ph. 60 cys; day cir; 250 hp. e. Harrisburg, Cor; 250 hp. b. ——.
City cont. 11 arcs A-B. $108 per yr; moonlt; coal $3.40.
D L S 1 ✢ 74

**GOTEBO,** 1,005—Gotebo Lt. & Pwr. Co.
*¶Pres. & Mgr. J. A. Litel........Gotebo
2 a. c. F. M. & Co. 40 kw. 1150 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 220-110 v; a. c. day & nt. (summer) mo. cir. 220-110 v: 45 hp. e. (gas) F. M. & Co.
City cont. 10 incs. 100 w. $12 per yr; 11 P. M. & 5 A. M. to 8 A. M; oil 3¾ cts. per gal.
D G L 2 ✢ 16

**GRANDFIELD,** 830—Grandfield Lt. & Pwr. Co; cost $8,000.
*¶Mgr. J. S. Green..............Grandfield
1 a. c. Ft. W. 37½ kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.
D L 3 15

**GRANITE,** 1,229—Munic. Lt. & Wtr. Plant; bds $44,000.
Pres. Bd. G. M. Brown ............Granite
Treas. W. E. Bogan ................ "
*Gen. Supt. Hollis Arnett.......... "
1 a. c. E. M. Co. 100 kw. 2200 v. 3 ph. 60 cys; 150 hp. e. Chuse; 150 hp. b. Erie. (Plant shut down.) Purchases energy from Okla. State Reformatory; trans. volt. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.
24 city arcs A. B; moonlt.
D L S 3 ✢ 25

**GROVE,** 888—Munic. Lt. & Wtr. System; cap. $35,000.
Pres. Bd. W. P. Mays..............Grove
Clerk W. H. Davis.................. "
Treas. Dr. E. O. Williams .......... "
*Mgr. W. A. Romans................ "
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 75 hp. e. Brnl; 70 hp. b. Brnl.
40 Mazdas 200-250 w. all nt; coal $4.
L S 3 ✢ ★16

**GUTHRIE,** 11,654—Public Service Co. of Oklahoma. For executive officers, see Oklahoma City.
Local Mgr. Galen Crow..........Guthrie
Engr. Pwr. Sta. W. H. Boasen..... "
3 a. c. G. E. tot. 712 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-220 v. 3 ph. 60 cys; 1550 hp. e. Chuse, Monarch, Cor; 1050 hp. b. Erie, Kewanee.
City cont. 96 series arcs 6.6 amp. 450 w. $64.80 per yr; 19 series tung. 6.6 amp. 75 & 100 w. $15 & $18 per yr; all nt; nat. gas 10.7 cts. (Sells energy to The Guthrie Ry. Co.)
C D L S 3 ✢ 16

**GUYMON,** 1,342—Guymon Elec. Lt. & Pwr. Co.: cap. outstg. $40,000.
Pres. & Treas. J. G. McLarty.....Guymon
*¶Mgr. S. P. Swanson............ "
Engr. Pwr. Sta. C. Penicks....... "
2 a. c. Westg. tot. -- kw. 2200 v. 3 ph. 60 cys; a. c. day (winter) & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. 2 & 3 ph. 60 cys; 125 hp. e. (oil) F. M. & Co.; also 10-ton ice plant (Triumph).
City cont. 80 series tung. 30 w. coal.
D G I L 1 2 3 75

**HAILEYVILLE,** 2,024—Choctaw Ry. & Ltg. Co. See McAlester.
2 a. c. Westg, W. E. tot. 150 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt ltg. & mo. cir. 110 v. s. ph. 60 cys; 350 hp. b; also 35 ton ice plant (Ruemmeli-Dawley).
City cont. 11 series arcs 6.6 amp. $72 per yr; 94 series tung. 32-80 c. p. $24 per yr; all nt; coal $1.40. (Co. also lts. Hartshorne.)
D I L S 1 2 ✢ ★16

**HARTSHORNE,** 2,963—Choctaw Ry. & Ltg. Co. See McAlester.

**HELENA,** 760—Munic. Lt. & Pwr. Plant; cost $12,000.
Pres. J M. Rowe...................Helena
*Clerk, J. S. Bard ................ "
Treas. C. E. McCollum............ "
Wtr. & Lt. Comr. M. J. Markle... "
Engr. Pwr. Sta. Burt Judy......... "
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. — v. 3 ph. 60 cys; 100 hp. e. Brnl; 125 hp. b. Gem City.
City cont. 50 incs; moonlt; coal $1.45.
D L S 3 ✢ ★16

**HENNESSEY**, 1,665—Hennessey Elec. Lt., Pwr. & Ice Co. (Leased to F. H. Tathwell); cap. $24,000; bds. $10,000.
Pres. Fred. Ehler..............Hennessey
V. Pres. R H. Grimes.........      "
Sec. C. O. Cashion.............      "
Treas. W. D. Cups.............      "
*Mgr. F. H. Tathwell..........      "
Engr. Pwr. Sta. R. N. Mank...      "

1 a. c. F. M. & Co., 55 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. (5 A. M. to mdnt.) ltg. cir. 110 v. 60 cys; a.c. day mo. cir. 220 v. 3 ph. 60 cys; 80 hp. e. (oil) F, M. & Co.

City cont. 27 "C" incs. 400 w. $48 per yr; moonlt, midnt; oil 3 cts.

D G L 1 3 ✠ 16

**HENRYETTA**, 1,671—Henryetta Elec. Lt. Co; cap. outstg. $10,000.
Pres. G. W. McFann............Henryetta
¶V. Pres. & Mgr. B. T. Lilly...      "
Sec. H. H. McFann ............      "
*Audr. H. J. Wooton ..........      "

2 a. c. West. Elec. Mch, tot. 310 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir, 110-220-440 v. 3 ph. 60 cys; 150 hp. e. C. & T; 450 hp. b. Frost, Erie, Brnl; 235 kw. turb. (stm.) West; also ice plant.

City cont. 12 A. B. arcs 1,000 c. p. $96 per yr; 21 incs. 600 c. p. 6.6 amp. $84 per yr; moonlt; gas 5 cts.

D I L S 3 ★16

**HOBART**, 3,845 — Hobart Elec. Co. (Controlled by Federal Lt. & Trac. Co., 60 Broadway, New York, N. Y.); cap. outstdg. $50,000; bds. $50,000.
Pres. E. N. Sanderson
60 Broadway, New York, N.Y.
V. Pres. & Treas.
J. Dunhill......   "   "   "
Sec. A. R. Marshall ......   "   "
Mgr. L. D. Means..................Hobart

2 a. c. G. E. Natl. 350 kw. 2300-104 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Mur, E; 300 hp. b. Kew.

City cont; all nt.

D L S 1 3 ✠ ★16

**HOLDENVILLE**, 2,296 — Holdenville Ice & Elec. Co.; cap. outstdg. $39,100; bds. $21,000.
¶Pres. & Mgr.
W. M. Dunn..................Holdenville
V. Pres. C. W. Dawley ........McAlester
*Sec. Henry M. Dunn..........Holdenville
Treas. L. T. Sammons.........      "
Audr. C. F. Fath...............McAlester
Engr. Pwr. Sta. J. A. Owens..Holdenville

2 a. c. G. E. West. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 280 hp. e. Murray, Sknr; 425 hp. b. Murray; also 25-ton ice plant (Ruemmeli-Dawley).

City cont. 60 Mazdas "C" 60 c. p. & 250 c. p. 6.6 amp; moonlt; coal $1.70.

D I L S 1 3 ✠ 16

**HOMINY**, 760—*Hominy Ice, Lt. & Pwr. Co; cap. $15,000; no bds.
Pres. F. M. Overlees..........Bartlesville
Sec. H. Askin......................Cushing
Treas. R. Mason..................      "
Mgr. Ben Boon ....................Hominy
Audr. Rex Winget.................Cushing
Ch. Engr. F. P. Sturgeon.........Hominy
Engr. Pwr. Sta. I. N. Brink......      "

1 a. c. West. 75 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. 75 kva. e. Brnl;—hp. b. Brnl.

City cont. 30 incs. 80 w. $12 per yr; moonlt; natural gas 10 cts.

D L S 3 ✠ 124

**HUGO**, 4,582 — Hugo Ice & Lt. Co. (Owned by American Public Service Co.)
Pres. & Mgr. J. W. Dawley..........Hugo
V. Pres. A. V. Wainwright..Abilene, Tex.
Sec. R. B. McCleary..................Hugo
Treas. S. W. Baldwin.......Orange, N. J.
Audr. R. D. Smith... .....Abilene, Tex.
¶Pur. Agt. H. G. Haynie....   "   "
Consltg. Engr. H. E. Mole, New York, N.Y.
Gen. Supt. & Ch. Engr.
O. L. Alexander......................Hugo

2 a. c. West. Ft. W. tot. 300 kw. 2300 .v 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 2 & 3 ph; 150 hp. e. Ball; 385 hp. b. Kew, Heine; 225 hp. e. (oil) Busch, Diesel, Sulzer Bros; also 20 ton ice plant (Hercules, Wolf).

City cont. 21 arcs A. B, 2000 cp. $83.40 per yr; 102 series tung. 50 w. $23.40 per yr; all nt; coal $2.50 to $3.

D G I L S 2 3 ✠ 25

**INGERSOLL**, 258—Munic. Ltg. System; bds. $5,000.
Pres. Bd. of Trustees M. M. Tullis. Ingersoll
*Town Clerk, B. F. Blue........      "

Energy purchased from City of Cherokee; 2300 v. 3 ph; a. c. day & nt. ltg. cir.

D L 3 125

**KINGFISHER**, 2,538—Munic. Elec. Lt. & Wtr. Plant; bds. $94,000.
Comr. Porter Harris............Kingfisher
*¶Supt. R. E. Whitenack.......      "
Ch. Engr. R. H. Marley.........      "

2 a. c. West. tot. 200 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v, 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Bates, H. & T; 300 hp. b. C. & H, Chattanooga.

City cont. 60 series lamps "C"; 22 5-lt. posts "White Way", mdnt. moonlt; coal $3.

D L S 3 16

**KIOWA**, 1,021—Munic. Lt. & Wtr. Plant; cost $49,000.
*Gen. Supt. D. Lucas..................Kiowa
Supt. Ovhd. Distrbn. A. J. Lucas..      "
Engr. Pwr. Sta. A. Henderson......      "

1 a. c. Westg. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Sknr; 180 hp. b. C. & H.

35 city arcs W. E. series 5.5 amp. $100 per yr; moonlt; coal $4.

D L S 3 ✠ ★125

**KREBS**, 2,884—Choctaw Ry. & Lt. Co. See McAlester.

**LAWTON**, 7,788—Comanche Lt. & Pwr. Co. (Controlled by Southwestern Cities Elec. Co., 49 Wall St., New York, N.Y., and operated by Jno. C. Keys.)
Pres. John C. Keys..................Lawton
Supt. A. H. Keys...................      "
Engr. Pwr. Sta. L. Noble..........      "

3 a. c. West. tot. 575 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 600 hp. e. Frick, Rus; 225 hp. e. (oil) Busch-Diesel; 325 hp. b. Brnl.

City cont. 77 arcs A. B. 6.6 amp.

D G L S 3 45

**LEHIGH**, 1,880—Public Service Co. of Oklahoma. For executive officers, see Oklahoma City.

Energy from Coalgate; trans. volt. 6600 v. 3 ph. 60 cys; 3 transf. G. E. tot. 90 kw; operate plant when necessary; 1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph. 60 cys; 150 hp. e. Southn; 100 hp. b. ——.

City cont. 6 arcs G. E. 7.5 amp. $84 per yr; 33 series Mazdas 100 w $25 per yr; coal $2.50.

D L S 3 ✠ ★16

**LINDSAY**, 1,156—Munic. Lt. & Wtr. Plant; cost $40,000.
Clerk, T. B. Clements............Lindsay
Bd. of Trustees
Ed. C. Neil............      "
W. H. Lester..........      "
E. L. Graves..........      "
*¶Supt. J. E. Townsend........      "

1 a.c. Allis-C. 50 kw. 2300-110 v. 3 ph. 60 cys; 85 hp. e. Brnl; 200 hp. b. Brnl.

15 city arcs A. B. series 6.6 amp. $60 per yr; slack $3.45.

L S 3 ✣ 75

**McALESTER,** 12,954—Choctaw Ry. & Ltg. Co. (Purchased Elec. Lt. Dept. of Indianola Lt., Ice & Pwr. Co.): cap. $1,000,000; bds. $843,500, 5 p. c. int.

Pres. Russell Palmer,
41 Wall St., New York, N. Y.
*V. Pres. & Gen. Mgr.
W. H. Vorce....................McAlester
¶ Sec. & Treas. B. R. Stephens. "
Audr. R. L. Scheig............ "
Supt. Pwr. & Equip. M. Plunkett "

2 a. c. G. E. tot. 820 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 820 kw; a. c. day & nt. ltg. cir. 60 cys; a. c. day & nt. mo. cir. 2300 v; d. c. ry. cir. 600 v; 1900 hp. e. G. E. (turb) Rus; 2000 hp. b. Sterling, Bab. & W.

City cont. 65 arcs G. E. series 480 w. $84 per yr; 300 incs. 32 c. p. $18 per yr; all nt; coal $1.25. (Co. also lts. So. McAlester, Alderson, Krebs and Dow.)

C D R S 3 ✣ ★125

**MADILL,** 1,564—Madill Ice, Lt. & Pwr. Co.

*Owner & Mgr. F. W. Porter......Madill
Engr. Pwr. Sta. E. S. Porter...... "

1 a. c. Allis-C—kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 200 hp. b. Adams; also ice plant.

City cont. 220 series incs. 80 c. p. metered; all nt; coal.

D I L S 3 ✣ 75

**MANGUM,** 3,667—Mangum Elec. Co (Controlled by Southwestern Cities Elec. Co. 49 Wall St., New York, N. Y., and operated by Jno. C. Keys, Lawton, Okla.); cap. $200,000; bds. $150 000.

Pres. John C. Keys...............Lawton
Sec. J. R. Bond................... "
Treas. E. W. McClintic.......... "
Supt. J. W. Chambers..........Mangum
Engr. Pwr. Sta. J. R. Jackson.. "

2 a. c. Minpl. G. E. 450 kw. 2300 v. 3 ph. 60 cys; 1 arc A. B. Co. 60 lt; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 210 v. 3 ph. 60 cys; 550 hp. b. Brnl., Casey-Hedges; also ice plant.

City cont. 60 arcs A. B. 6.6 amp. $84 per yr: moonlt; coal.

D I L S 3 ✣ 45

**MARIETTA,** 2,100—Munic. Wtr. & Lt. Plant; bds. $62,000.

Mayor, J. C. Graham.............Marietta
Sec. L. B. Butler................ "
Treas. B. A. Dillard............. "
*¶Mgr. & Cont. Agt.
J. C. Wood ...................... "
Supt. Ovhd. Distrbn.
Guy Gordon ...................... "
Ch. Engr. J. Ray.................. "

2 a. c. Ft. W., Ridg. tot. 250 kw. 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 290 hp. b. W. & W. Brnl.

25 city arcs; A. B ; 6 city tung. 250 w oil 89 cts. per bbl.

D L S 3 ✣ ★125

**MARLOW,** 1,965—Munic. Electric Lt. Plant: bds. $43,000.

Sec. J. R. Rogers..................Marlow
Treas. P. V. Rabb................ "
*Supt. L. A. Pritchett............. "
Engr. Pwr. Sta. H. W. Cato....... "

2 a. c. Ft. W., G. E. tot. 100 kw. 110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v.; a. c. mo. cir. 220 v; 165 hp. e. (gas) Bessemer, F. M. & Co.

City cont. 54 incs. 100 w. $10 per yr; all nt; natural gas.

D G L 3 ✣ 125

**MEDFORD,** 1,110—*Munic. Wtr. Lt. & Pwr. Plant; cost $60,000.

Pres. I. H. Ruth....................Medford
Sec. J. G. McKelvey.............. "
Treas. H. D. Reed................ "
Mgr. John Runyon................ "
Supt. Chas. L. Berger............ "
Engrs. { J. J. Berger............ "
Pwr. Sta. } Geo. Veitengruber.... "

2 a. c. West. tot. 150 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 9 kw. 110 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 230 hp. e. Straight; 300 hp. b. Eng.

200 city tung series 80 c. p; all nt; coal $2.85.

D L S 3 ✣ 14

**MIAMI,** 2,907—Munic. Wtr. & Elec. Lt. Plant; bds. $60,000.

*¶ Supt. C. C. Chase..................Miami
Engr. Pwr. Sta. B. B. Davis........ "

1 a. c. West. 34 amp. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 120 hp. e. Strait: 320 hp. b. Frost.

City cont. 35 series incs. 100 w. moonlt; gas & oil tot. $400 per mo.

D L S 1 ★85

**MUSKOGEE,** 30,000—Muskogee Gas & Elec. Co., 23-25 W. Okmulgee Ave. (Controlled by the Standard Gas & Elec. Co. and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. outstdg. $2,198,800; bds. $1,375,000.

Pres. H. M. Byllesby........Chicago, Ill.
V. Pres. A. S. Huey.......... "
Sec. & Treas. W. R. Emerson..Muskogee
¶ Gen. Mgr. H. C. Hoagland... "
Cont. Agt. J. H. Schmidt........ "
Supts.. { L. A. White............ "
} J. F. Owens.......... "
Engr. Pwr. Sta. L. A. White... "

4 a.c. G. E. Bull. tot 3500 kw. 2300-110 v. 3 ph. 60 cys; 3 d. c. G. E, West. tot. 1100 kw. 550 v; trans. 6600 v. 3 ph. 60 cys; d. c. ry. cir. 550 v; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 5350 hp. e. Fulton, Ham, Allis-C; 3130 hp. b. Bab. & W; also 65 ton ice plant (York, Vilter).

City cont. 423 a. c. series arcs 450 w. $55 per yr; 152 incs. 16 c. p. free; all nt; nat. gas 25 cts. to 5 cts. net per M. (Co. also lts. Ft. Gibson and sells pwr. to Muskogee Elec. Trac. Co.)

C D I L S 3 25

**NEWKIRK,** 1,992—Munic. Elec. Lt. & Pwr. Plant; bds. $30,000.

*¶ Supt. J. H. Fox................Newkirk
Ch. Engr. C. B. Jenkins........ "

3 a. c. West. tot. 150 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. e. Bates, Cor, Skur; 300 hp. b. Brnl; also stm. htg.

29 5-lt. posts 340 w. "White Way"; 9 mult. lamps 500 w; 100 incs. 100 w. metered; all nt; gas 13 cts.

D H L S 3 125

**NORMAN,** 3,724—Norman Milling & Grain Co. (Ice, flour mill, grain elevators and cotton gin); cap. $125,000.

Pres. D. L. Larsh..................Norman
V. Pres. H. G. Larsh..........Oklahoma
*Sec., Treas. & Mgr. Tom F. Carey, Norman
Supt. W. A. Britt.................. "
Engrs. { Geo. Inglis ............ "
Pwr. Sta. } E. A. Reed............ "

4 a. c. West, Ft. W. tot. 440 kva. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. s. & 3 ph: 150 hp. e. Bates, Cor: 225 hp. e. (oil) Diesel; 350 hp. b. Erie, W. & W. (Also ice plant.)

City cont. 21 arcs encl. 2000 cp. $72 per yr; 77 Mazdas 60 c. p. $24 per yr; moonlt; coal $4; oil $1.25 per bbl.

D G I L S 1 3 ✣ 16

**NOWATA,** 3,672—Nowata Elec. Lt. Co. (Successor to Crystal Ice & Pwr. Co.); cap. outstg. $30,000.
Pres. E. B. Lawson....................Nowata
V. Pres. D. D. Howell.................. "
Sec. H. G. Garnett.................. "
Treas. M. F. Wilkinson.............. "
*¶ Mgr. & Cont. Agt.
Frank Hancock.................... "
Ch. Engr. W. A. Clarke............. "
Engr. Pwr. Sta. H. M. Lindley...... "
3 a. c. Ft. W. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; 415 hp. e. (gas) Webber, West.
City cont. 44 arcs 7.5 amp. $84 per yr; all nt; gas 6 cts. per M.
D G L 3 ✢ 25

**OKEENE,** 920—Okeene Milling Co.; cap. $35,000.
Pres. C. D. Boardman........Chicago, Ill.
V. Pres. H. C. Boardman...........Okeene
*Sec. & Treas. G. D. Boardman... "
1 a. c. Allis-C. 60 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 220-110 v. s. ph. 60 cys; 150 hp. e. Ham, Cor; 200 hp. b. Mur.
City cont. 10 A. B. mult. arcs tot. $960 per yr; moonlt; coal $2.80.
D L S 1 ✢ 75

**OKEMAH,** 1,389—*Munic. Elec. Lt. Plant; cost $45,000; bds. $67,000.
Mayor, C. J. Halloway............Okemah
City Clerk, Otis L. Snow.......... "
Sec. & Treas. O. P. Beardin ..... "
¶ Mgr. & Cont. Agt.
F. M. Peyton...................... "
Engrs. Chas. Murray........... "
Pwr. J. W. Burnett........... "
Sta. W S. Pillows.......... "
2 a. c. West. tot. 135 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 215 hp. e. Sknr; 200 hp. b Gem City.
25 city arcs encl; 20 incs. 40 w; all nt; coal $2.56.
D L S 1 3 ✢ 14

**OKLAHOMA,** 64,200—Oklahoma Gas & Elec. Co.; office, 112 N. Broadway. (Controlled by the Standard Gas & Elec. Co. and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. $2,600,000; bds. $2,791,500.
Pres. H. M. Byllesby........Chicago, Ill.
V. Pres. Arthur S. Huey..... "
2d V. Pres. F. H. Tidnam......Oklahoma
Sec. & Gen. Mgr. W. R. Molinard "
Asst. Mgr. Howard Huey...... "
Treas. W. A. Borchardt....... "
¶ Audr. H. Willmering......... "
Supt. Elec. Dept. J. M. Brown. "
Ch. Engr. Pwr. Sta. E. E. Hunter "
Ch. Elecn. F. J. Meyer......... "
5 a. c. G. E. tot. 5650 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 860 kw. 440-220 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 440-220 v; 8500 hp. e. Allis-C, Bates, Fulton; 4500 hp. b. A. & T.
City cont. 429 a. c. series arcs 550 w. $60 per yr; 634 series tung. 150 w. $18 per yr; all nt. moonlt; gas 10 cts. (Co. also lts. Capitol Hill and Britton.)
C D L S 3 25

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Public Service Co. of Oklahoma, Colcord Bldg.; cap. auth. $3,000,000. (A subsidiary of the Middle West Utilities Co.)
Pres. Fred. W. Insull............Oklahoma
V. Pres. Martin J. Insull....Chicago, Ill.
*Sec. Burton French...........Oklahoma
Asst. Sec. Ralph D. Stevenson
Chicago, Ill.
Treas. R. F. Frank..............Oklahoma
Audr. John Rapp......... "
(Operates in Tulsa, Vinita, Guthrie, Coalgate, Lehigh, Atoka; also serves Cottonwood and Phillips.)
L 16

**OKMULGEE,** 4,176—Okmulgee Ice & Lt. Co. (Owned by American Public Service Co.); cap. $60,000; bds. $40,000.
Pres. C. S. Dawley............Okmulgee
V. Pres. A. V. Wainright... Abilene, Tex.
Sec. J. S. Harris...............Okmulgee
Treas. S. W. Baldwin......Orange, N. J.
Mgr. C. H. Kretz ...............Okmulgee
Audr. R. B. Smith..........Abilene, Tex.
¶ Pur. Agt. H. G. Haynie.. " "
Cont. Agt. R. Earle Wright....Okmulgee
Engr. Pwr. Sta. T. B. Turnley. "
3 a. c. West, G. E. tot. 475 kw. 2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220 v. s. & 3 ph. 60 cys; 450 hp.e. Murray; 400 hp. e. (gas) West; 300 hp. b. Wangler; also 25-ton ice plant (Ruemmeli-Dawley).
City cont. 75 series arcs $7.20 per yr; all nt; natural gas 10 cts. (Co. also lts. Morris.)
D G I L S 1 3 ✢ 25

**PAULS VALLEY,** 4,000 — Washita Elec. Pwr. Co.; cap. outstg. $250,000; bds. $30,000.
Pres. R. C. Johnston....Lawrence, Kan.
V. Pres. H. A. Johnston.. " "
*¶Sec., Treas., Mgr & Cont. Agt.
R. K. Johnston..............Pauls Valley
Engr. Pwr. Sta.
James B. Johnson........ "
2 a. c. Allis-C. tot. 375 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; 400 hp. e. Allis-C; 450 hp. b. Frost.
City cont. 150 series tung. 60 c. p. $18 per yr; moonlt; oil 60 cts. per bbl.
D L S 3 ✢ 125

**PAWHUSKA,** 2,776—Munic. Elec. Lt. & Water Wks; bds. $20,000.
J. M. Buckley.........Pawhuska
Comrs. H. M. Loomer........ "
J. A. Weiselogal...... "
*Ch. Engr. Pwr. Sta.
W. T. Williams................ "
2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 427 hp. e. Chuse, Bates, Cor; 575 hp. b. Brnl, C. & H.
20 5-lt. posts 900 w. "White Way"; 35 arcs 500 w; 75 incs. 200 w; all nt; gas.
D L S 1 ★16

**PAWNEE,** 2,161—Munic. Elec. Lt. & Wtr. Plant; cost $75,000.
*Supt. & Ch. Engr.
Jno. McDaniels..................Pawnee
2 a.c. Stan. 100 kw. 2300 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 150 hp. e. Bates, Cor.; 420 hp. b. Eng.
250 city tung. 100 w; all nt; coal $2.
D L S 1 2 ✢ ★125

**PERKINS,** 603—Perkins Elec. Lt. & Pwr. Co.; cap. outstg. $5,000.
Pres. John Wagner..............Perkins
Sec. C. W. Kenworthy............ "
*¶Treas. & Mgr.
I. E. Kenworthy................ "
Ch. Engr. & Elecn. A. Redburn... "
1 d. c. 30 kw. 220 v; no day cir; 40 hp. e. Atlas; 50 hp. b. Atlas.
City cont. 28 series incs. 50 w. $13.25 per yr; 2 mult. incs. 250 w. $54 per yr; moonlt. 11 P. M. coal $4.25.
C L S ✢ 75

**PERRY,** 3,133—Munic. Elec. Lt. & Wtr. Plant; bds. $80,000.
Treas. G. A. Ley.....................Perry
*¶Mgr. & Cont. Agt. J. G. Cronin.... "
Engrs. A. Gardner............ "
D. Heineke ............ "
Pwr. Sta. J. Lattin................ "
2 a. c. West. E. M. tot. 150 kw. 2300 v. s. ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; 235 hp. e. L. & B, Bckye; 300 hp. b. Erie.

25 city series Mazdas 250 c. p. $75 per yr; moonlt; coal $2.10 to $2.60.
D L S 1 ✠ 35

**PITTSBURG,** Pittsburg Wtr. & Lt. Co.; cap. $10,000.
Pres. E. S. Rea..........Coffeyville, Kan.
V. Pres. M. E. Williams.......McAlester
*Sec. J. E. Allen.................Pittsburg
¶ Treas. Mgr. Cont. Agt. & Supt.
F. B. Drew.................. "

a. c. 2300 v. 3 ph. 60 cys; nt. ltg. & mo. cir.

City cont. 23 incs. 110 w. $18 per yr. all nt.
L 3 125

**PONCA CITY,** 2,521—Munic. Wtr. & Lt. Dept; cost $123,000.
Mayor, W. H. McFadden......Ponca City
Pres. of Council,
W. H. England.............. "
Clerk, C. B. Harrold.......... "
*¶Comr. Wtr. & Lt. & Supt.
Philip R. Dunton........... "
Audr. Frank Helvy........... "
Engr. Pwr. Sta. C. O. Johnson "

2 a. c. W. E. tot. 175 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 290 hp. e. H. F. & M; 350 hp. b. Erie City.

400 city incs. 60-100 w; moonlt; nat. gas 7½ cts.
D L S 1 3 ✠ ★125

**POND CREEK,** 1,113—Munic. Elec. Lt. Plant; cost $20,000.
*¶Gen. Supt. C. C. Shepard...Pond Creek

2 a. c. Allis-C, West. tot. 105 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 110-220 v; 100 hp. e. Erie City; 100 hp. b. Eng; 75 hp. e. (oil) St. Marys.

Coal $3.25, and oil 60 cts.
D G L S 3 16

**POTEAU,** 2,000—Leflore County Gas & Elec. Co.; cap. outstg. $250,000; bds. $250,000.
Pres. S. S. Spruks............Scranton, Pa.
V. Pres. William Love............Poteau
*¶Sec. Treas. & Mgr.
Howard N. Cassel................ "
Engr. Pwr. Sta. F. W. Blanchard.. "

2 a. c. Allis-C, West, tot. 135 kw. 2300 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 200 hp. b. Brnl.

City cont. 36 incs. series 200 c. p. $47.62 per yr; moonlt; gas 5 cts.
D L S 2 ★16

**PRAGUE,** 1,025—*Munic. Lt. & Wtr. Plant; cost $47,000.
¶Supt. W. E. Davis.................Prague
Engrs. Pwr. Sta. James Thompson..... "
John Ladd............ "

1 a. c. F. M. & Co. 75 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 12 hp. e. (gas) Callahan; 125 hp. e. Valley; 160 hp. b. C. & H.

16 city arcs A. B. 6.6 amp; 10 Mazda series 6. 6 amp; moonlt; slack $2.39.
D G L S 3 ✠ 94

**PRYOR,** 1,798—City Lt. & Ice Co. of Pryor; cap. outstg. $50,000; bds. $30,000.
Pres. & Treas. J. R. Cullinane,
518 Rialto Bldg., St. Louis, Mo.
V. Pres. W. J. O'Brien............Durant
*¶Sec., Mgr. & Cont. Agt.
W. E. Riddle......................Pryor
Ch. Engr. Pwr. Sta. John L. McBee. "

3 a. c. Ridge. tot. 150 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 280 hp. e. Ridge, York; 300 hp. b. C. & H; also 10 ton ice plant (York.)

City cont. 10 arcs A. B. flame 6.6 amp. $120 per yr; moonlt; coal $2.50; gas 10½ cts.; oil 45 cts. per bbl.
D I L S 1 3 ✠ 16

**PURCELL,** 2,740—Purcell Wtr. & Lt. Dept. (Munic.); bds. $100,000.
¶Mayor, W. G. Blanchard.........Purcell
*Sec. & Treas. E. Warren De Lay.. "
Engr. Pwr. Sta. L. D. Phillips.... "

2 a. c. G. E. tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. Chuse; 400 hp. b. Erie City.

City cont. 50 incs. 6.6 amp; moonlt; coal $2.25. (Also lts. Lexington.)
D L S 3 85

**RALSTON,** 597—Ralston Elec. Lt. & Wtr. Wks; cap. $25,000; bds. outstg. $25,000.
*Town Clerk, Guy K. Marshall...Ralston

1 a. c. Ft. W. 40 kw. 2300 v. 3 ph. 60 cys; no day cir; 75 hp. gas e. St. Mary's; 200 hp. e. Sampson.

1 city arc A.B. 6.6 amp. 8 hrs; coal $2.40.
G L 3 ✠ 45E

**ROFF,** 1,044—Munic. Wtr. Lt. & Pwr. Plant; cap. $45,000.
Sec. H. Hughs.........................Roff
*¶Mgr. J. F. Matthews................ "

1 a. c. G. E. 60 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 110 hp. e. Skinr; 125 hp. b. Walton.

6 city arcs; 15 city incs; moonlt. coal $3.10.
D L S 3 ✠ 73

**RYAN,** 1,207—*Ryan Lt. & Wtr. Co. (Munic. plant leased to O. H. Kirkpatrick, Tulsa, for 10 years from May, 1914); cost $95,000.
Bus. Mgr. C. H. Brewer..............Ryan
Gen. Supt. W. C. Willard............ "
Engr. Pwr. Sta. ——————......... "

1 a. c. West. 100 kw. 2400 v. 2 ph. 60 cys; 1 arc mch. Ft. W. 25 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 125 hp. e. Mur, Cor; 300 hp. b. Frost; ice plant

18 city arcs A. B. series 6.6 amp; all nt. coal $3.50.
D I L S 1 2 ✠ 84

**SALLISAW,** 2,479—Munic. Elec. Lt. & Wtr. Wks; bds. $60,000.
Bd. of Trustees C. B. Johnson.........Sallisaw
R. H. Bibb............. "
W. N. Francis......... "
*Gen. Supt. Geo. K. Friend....... "
Engr. Pwr. Sta. Louis Pine....... "

2 a. c. Ft. W. tot. 275 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 325 hp. e. Ideal; 180 hp. b. Erie, Brnl.

64 city Mazdas type "C" 250 c. p; moonlt; coal $1.60.
D L S 1 3 ✠ ★125

**SAND SPRINGS**—Sand Springs Pwr., Lt. & Wtr. Co. Office and gen. sta. at Sand Springs; cap. outstg. $200,000; no bds.
Pres. & Treas. Chas Page...Sand Springs
V. Pres. C. W. Kingsbury,
First Nat'l Bank Bldg, Tulsa
¶Sec. C. F. Tingley " "
*Mgr. C. H. Tingley.........Sand Springs
Audr. R. J. Guillan......... "
Cont. Agt. A. C. Taylor.... "

4 a. c. F. M. & Co. tot. 800 kw. 2300 v. 2 ph. 60 cys; 1 turbo-gen. set. West. 1250 kva. 2300 v. 2 ph. 60 cys; trans. volt. 6600 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 4 rot. conv. West. tot. 600 kw; 1000 hp. e. (gas) F. M. & Co; 3 350 hp. b. Wickes.

City cont. 11 tung. 500 w. 400 c. p. $36 per yr; all nt; gas. (Sells energy in bulk to the Sand Springs Ry. Co. who distributes in Tulsa.)
D G L S 2 ★16

**SAPULPA,** 8,283—Sapulpa Elec. Co. (Controlled by Standard Gas & Elec. Co.

and operated by H. M. Byllesby & Co., Chicago, Ill.); cap. outstg. $150,000; bds. $140,000.
Pres. R. G. Hunt............Chicago, Ill.
¶V. Pres., Mgr. & Cont. Agt.
Geo. H. Wilmarth................Sapulpa
Sec. Treas. & Audr.
E. H. Anderson.................. “
Gen. Supt. L. H. Mahood.......... “
Ch. Engr. Pwr. Sta. W. P. Baze.. “

3 a. c. West, Bull. tot. 750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1090 hp. e. (gas.) Bes, Allis-C.

City cont. 115 arcs W. E, A. B, G. E. 570 w. $60 per yr; moonlt; gas 7 & 8 cts.

D G L 3 25

**SAYRE,** 1,881—Munic. Elec. Lt. Plant; cost $20,000; bds. $15,000.
¶ Chmn. Utility Comm.
O. M. Marsh.......................Sayre
City Clerk, W. E. Simmonds......... “
City Treas. W. B. Turner........... “
*Supt. O. D. Wilson................ “
Engr. Pwr. Sta. C. T. McAmis...... “

2 a. c. tot. 110 kw. 2300-110 v. 3 ph. 60 cys; day (half) & nt. ltg. cir.; a. c. nt. mo. cir. 220 v. 3 ph. 60 cys; 205 hp. e. Lyconing; 200 hp. b. Titusville.

120 city tung, 60 w; all nt; coal $2.80.

D L S 3 125

**SHATTUCK,** 1,231—*Munic. Elec. Lt. & Wtr. Plant; cost $53,000; bds. $53,000.
Vil. Pres. J. S. Breen...........Shattuck
Sec. Ed. Learnard................ “
Treas. H. R. Fike................ “
Supt. A. F. Breunnecke........... “
Engr. Pwr. Sta. D. Jennings.... “

1 a. c. Ft. W. 75 kw. 2300-110 v. 3 ph. 60 cys; 108 hp. e. Brnl; 200 hp. b. Brnl.

23 city arcs Ft. W. 6.6 amp; 33 city incs. 100 w; coal $3.70.

L S 3 24w

**SHAWNEE,** 12,474—Shawnee Gas & Elec. Co. Office, 115-117 N. Bell St. cap. outstg. $863.000; bds. $880,000.
Pres. Wm. Mainland......Oshkosh, Wisc.
V. Pres. Edward Howell.........Shawnee
Sec. & Treas.
Sinclair Mainland......Oshkosh, Wisc.
*¶ Mgr. C. S. Thompson.........Shawnee
Audr. R. E. Chase.........Oshkosh, Wisc.
Engr. Pwr. Sta. W. H. Butcher...Shawnee

3 a. c. G. E. Westg. tot. 900 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 200 kw. 550 v; 300 kw. mo. gen. set. G. E. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 750 hp. e. Bates, Nagel; 750 kw. stm. turb. Westg; 1174 hp. b. Heine, Frmn, Franklin.

City cont. 116 G. E. arcs 6.6 amp. $72 per yr; 2 incs. carbon 32 c. p. $18 per yr; moonlt; nat. gas., first 200,000 ft. 25 cts., next 300,000 ft. 16 cts., next 1,000,000 ft. 11 cts., all over 1,000,000 ft. 10 cts. (Co. also lts. Tecumseh and McLoud and sells energy to Shawnee-Tecumseh Trac. Co.)

C D L S 3 ✠ 16

**SNYDER,** 1,122 — Munic. Lt., Wtr. & Sewer System; cost $48,000.
Pres. Bd. J. W. Aydelotte..........Snyder
¶ Sec. Helen M. Stevenson......... “
Treas. Julius A. Krueger........... “
*Mgr. T. H. Kennedy............... “
Ch. Engr. Pwr. Sta. S. V. Hooper “

2 a. c. West. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 350 hp. e. Mur. Cor; 400 hp. b. Mur.

25 city arcs West. flaming 500 c. p; moonlt; coal $3.25.

D L S 1 3 25

**SO. McALESTER,** 3,479 — Choctaw Ry. & Lt. Co. See McAlester.

**SPIRO,** 1,173—Munic. Lt. & Wtr. Wks. cost $50,000. bds. $40,000.
Pres. Bd. C. W. Peters..............Spiro
Chmn. W. & L. Com. C. R. Lowrie..Spiro
*Supt. H. R. Walder................ “

1 a. c. Ft. W. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 75 hp. e. Rus; 80 hp. b. C. & H.

City cont. 3 enc. arcs 450 w; 47 series Mazdas 100 w; gas 4 cts. to 25 cts.

D L S 3 125

**STIGLER,** 1,583—*Stigler Lt. & Pwr. Co; cap. $20,000; cost $37,000.
Receiver, Dr. R. F. Terrell.........Stigler
Pres. R. L. Coleman................ “
V. Pres. Jno. D. Bench............ “
Sec. R. E. Staecup................. “
Treas. W. L. Stocker............... “
Mgr. & Supt. M. J. LaVanaway... “
Eng. Pwr. Sta. Everett Clamp..... “

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. & 3 ph. 60 cys; 125 hp. b. Erie; 156 hp. e. Bates, Cor. & E; also 12 ton ice plant.

City cont. 9 enc. arcs 1200 c. p. $90 per yr; 5 incs. series 30 & 60 c. p. $30 per yr; coal $2.50.

D I L S 1 3 23

**STILLWATER,** 3,444 — Munic. Elec. Lt., & Wtr. Wks.; cost $110,000; bds. $90,000.
*Supt. George M. Smith........Stillwater

2 a. c. Allis-C. tot. 155 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220 110 v; 235 hp. e. Sknr; 350 hp. b. Erie, Brnl.

100 tung. st. series 40 w; coal $2.80. (Contemplates installation of new generating unit.)

D L S 3 ✠ ★105w

**STILLWELL,** 1,039—Munic Lt. & Wtr. Co.
Pres. Bd. John A. Alberty.......Stillwell
Sec. & Treas. J. P. Davis......... “
*Mgr. J. E. Flood, Jr.............. “
Ch. Engr. Geo. M. Smith......... “

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 150 hp. b. Brnl; —— hp. e.

49 city tung. 3.5 amp; all nt; coal $2.83.

L S 1 3 25

**STROUD,** 1,220—*Munic. Elec. Lt. Plant.
¶ Mgr., Cont. Agt. & Engr.
Pwr. Sta. P. L. Spurgeon..........Stroud

1 d. c. Wood, Ft. W. 50 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 65 hp. e. Brnl; 10 hp. e. (gas) F. M. & Co; 120 hp. b. Brnl.

16 city arcs A. B. 3 amps. $36 per yr; nat. gas 16 cts. per M.

C D G L S 23

**SULPHUR,** 3,684—Sulphur Ice, Lt. & Pwr. Co.
Owners, { J. G. Liebman..........Sulphur
*¶ Paul G. Liebman... “

2 a. c. West. tot. 225 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 350 hp. e. Allis-C, Ohio; 350 hp. b. Brnl; also ice plant.

City cont. 30 incs. “C” 250 c. p. $60 per yr; moonlt; oil 57 cts. per bbl.

D I L S 2 ✠ 125

**TAHLEQUAH,** 2,891—Tahlequah Lt. & Pwr. Co. (Controlled and operated by The Lt. & Devel. Co. of St. Louis, Mo.); cap. $30,000; bds. $40,000.
Pres. C. W. Turner..............Muskogee
V. Pres. Chas. Baggs.............. “
Sec. & Treas. R. E. Cook....... “
Local Mgr. R. A. Drum.........Tahlequah
Engr. Pwr. Sta. A. A. Deen...... “

1 a. c. E. M. C. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day mo. cir. 110-220 v. 3 ph. 60 cys; 200 hp. e. Frick; 300 hp. b. tubular; 25 ton ice plant.

City cont. 11 arcs A. B. multiple 66. amp. $8.50 per mo; 75 incs. carbon $1 per mo; all nt; slack $2.05.

D I L S 3 ✠ 84

**TALIHINA**, 491 — Munic. Lt. & Wtr. Wks.
*¶Supt. & Ch. Engr. D. H. Wolf..Talihina
1 a. c. F. M. & Co. 40 kw. 2200 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 50 hp. e. (oil) F. M. & Co.
21 city Mazdas 6.6 amp; oil 2½ cts. per gal.
G L 3 §125

**TECUMSEH**, 1,626 — Shawnee Gas & Elec. Co. See Shawnee.

**THOMAS**, 1,371 — Munic. Elec. Lt. & Wtr. Wks.; bds. $65,000.
*Lessee, Ross R. Stewart.........Thomas
2 a. c. Ft. W, W. E. tot. 245 kw. 3 ph. 60 cys; a. c. day & nt. (1 to 11 P.M. & 12 P.M. on Sat; 5 to 8 A.M. Sept. 1 to May 1) ltg. cir. 110 v; a. c. day & nt. (same as ltg.) mo. cir. 220 v. 3 ph. 60 cys; 275 hp. e. Ide, Ridg; 220 hp. b. C.& H., W. & W.
25 city arcs; moonlt; coal $3.69.
D L S 3 ✠ 16

**TISHOMINGO**, 1,408 — Tishomingo Lt. & Pwr. Co.
¶ Pres. & Cont. Agt.
P. T. Foley...............Parsons, Kan.
*Mgr. D. P. Wheeler..........Tishomingo
Engr. Pwr. Sta. Ed. Feaster.. "
1 a. c. W. E, 250 kw. 2300 v. 3 ph. 60 cys. direct connected to 200 kw. wtr. whl. Globe; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v; (stm. aux.) 125 kw. Bull gen. connected to 150 hp. e. Ham., Cor; 37½ hp. Ft. W. gen. connected to—hp. e; also ice plant.
City cont. 20 series incs. 60 c. p; all nt; coal $2.30.
D I L S W 3 ✠ 25

**TONKAWA**, 1,776—Munic. Elec. Lt. & Wtr. Plant; bds. $18,000.
Mayor. W. R. Crawford.........Tonkawa
Treas. J. N. Stair............... "
*¶ Mgr. V. K. Stanley........... "
Engr. Pwr. Sta. Roy Sumers.... "
2 a. c. Westg. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (4.30 A. M. to mdnt.) ltg. cir. 108 v; a. c. day & nt. (4.30 A. M. to mdnt.) mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. Erie City; 220 hp. b. Eng.
6 city arcs G E. 6.6 amp. $50 per yr; 38 series incs. $25 per yr; moonlt; gas.
D L S 3 125

**TULSA**, 28,240—Public Service Co. of Oklahoma. For officers see Oklahoma.
Local Mgr. Paul M. Gallaway......Tulsa
Ch. Engr. Barney Meyer............ "
6 a. c. G. E. West. tot. 3280 kw. 2300 v. 2 ph. 60 cys; 2 d. c. West. G. E. tot. 750 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v: d. c. mo. cir; 1950 hp. e. Wis, Cor., Chuse, Erie; 1500 hp. e. (gas) Rathbun; 3000 hp. b. Bab. & W. Stir; 1600 kw. turb. (stm.) Curtis; also operates 100-ton ice plant, Ball.
City cont. 292 enc. arcs 6. 6 amp. $60 per yr; all nt; gas 5 cts.
C D G I L S 2 16

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Sand Springs Ry. Co.
Pres. & Treas. Chas Page............Tulsa
V. Pres. W. E. Rohde.............. "
Sec. C. F. Tingley................. "
*Audr. & Mgr. T. H. Steffens....... "
Gen. Supt. H. T. Morrison......... "
Purchases energy from the Sand Springs Pwr., Lt. & Wtr. Co; 13 transf. Mahoney tot. 305 kw; 1 rot. conv. West. 500 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.
D L 2 ★16

**VINITA**, 4,082—Public Service Co. of Oklahoma. For executive officers, see Oklahoma.
Mgr. R. E. Overton.................Vinita
2 a. c. Allis-C. tot. 500 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 800 hp. e. Allis-C, Minpl; 750 hp. b. Murray, O'Brien; also 40-ton ice plant (Carbondale & Triumph).
City cont. 6 arcs a. c. series 6.6 amp. $96 per yr: 72 tung. series 40, 200 & 250 w. $18, $42 & $48 per yr; moonlt; coal $2.27.
D I L S 2 ✠ 16

**WAGONER**, 4,018—Munic. Lt. & Wtr. Plant; bds. $80,000.
Comr. H. B. Raines.............Wagoner
*¶ Supt. V. H. Francis.......... "
Engr. Pwr. Sta. Louis Waldon.. "
2 a. c. West. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 375 hp. e. Skinr; 375 hp. b. C. & H.
210 city lamps series 250 c.p. (70) 100 c.p. (90) and 60 c. p. (50); 20 city lamps mult. 300 w; all nt; gas 8 cts.
D L S 3 125

**WALTER**, 1,377—Munic. Elec. Lt. & Wtr. Plant; bds. $100,000.
Chmn. Bd. W. H. Dyer.............Walter
V. Pres., L. B. Selman............. "
Sec., J. W. Harley................. "
Treas. B. S. Coleman............... "
*Town Clerk, S. C. McAdams..... "
Supt. & Engr. W. D. Sawyer...... "
1 gen; 160 hp. b. Brnl: 80 hp. b. Brnl.
22 city incs; mdnt; coal $1.75.
L S X ★16

**WAPANUCKA**, 948 — Munic. Lt. & Wtr. Plant; bds. $52,000.
*City Clerk E. O. Wheat.....Wapanucka
1 a. c. Wood 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 100 hp. e. Rus; 140 hp b. ——.
6 city arcs A. B. 50 incs; coal $2.75.
D L S 3 ✠ 35

**WATONGA**, *1,723—Munic. Elec. Lt. & Wtr. Plant; bds. $55,000.
Vil. Pres. A. H. Keith...........Watonga
V. Pres. Theo Grablman....... "
Treas. E. L. Griffin............. "
¶Mgr. Supt. & Engr. Pwr. Sta.
O. A. Hunt.................. "
2 a. c. West. tot. 175 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. Bates; 160 hp. b. Mur.
20 city arcs; coal $3.50.
D L S 3 ✠ 14

**WAUKOMIS**, 533—Munic. Elec. Lt. & Pwr. Plant; bds. $20,000.
Pres Bd. S. U. Wren...........Waukomis
Sec. Wm. McVicker.......... "
*Treas. L. W. Green.......... "
Ch. Engr. Pwr. Sta.
C. T. Guthrie............... "
1 a. c. G. E. 375 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 15 hp. e. (gas) Columbus; 60 hp. e. Frost; 75 hp. b. Frost.
57 city Mazdas 60 w; coal $2.75.
G L S 3 ✠ ★16

**WAURIKA**, 2,928—Waurika Ice & Elec. Co.; cap. $57,200; bds. $16,500.
Pres. M. Griffin O'Neil.......Dallas, Tex.
V. Pres. M. C. Erwin....... "
*¶Sec. Treas. & Mgr. Frank Beauman Waurika
Cont. Agt. W. W. Fowler....... "
Ch. Engr. Oscar Johnson........ "
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 450 hp. b. Brnl; also 25 ton ice plant (Frick).
City cont. 25 arcs 450 w. $102 per yr; 4 series incs. 40 & 250 w; moonlt; oil 65 cts. & coal.
D I L S 1 3 ✠ 75

**WAYNOKA,** 750—Munic. Elec. Light Plant; cost $29,000; bds. $22,000.
*Clerk, A. B. Simonds..........Waynoka
Engr. Pwr. Sta. M. M. Wright.. “
2 d. c. G. E. gen; d. c. nt. ltg. cir; no mo. cir; 80 hp. e. (gas) Phaster.
City cont. 60 Mazdas 220-75 w. $8 per yr; moonlt; gasoline.
C G L ★16

**WEATHERFORD,** 2,116—Munic. Elec. Lt. Plant; cost $72,500; bds. $72,500.
Mayor, Fred. E. Sims........Weatherford
Treas. R. H. Lowry.......... “
*¶Mgr. Hugh J. Cooper...... “
Engrs. Pwr.Sta. Ch. R. L. Fry “
Bob Grounds “
R. Duvall “
John Piersal “
2 a. c. Westg. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; 1 arc 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 300 hp. e. Mur; 400 hp. b. Atlas, C. & H; also 10-ton ice plant.
97 city tung. a. c. series 6.6 amp; moonlt; slack $2.94.
D I L S 1 3 ✠ ★16

**WELEETKA,** 1,229—Crystal Ice Co.
Pres. F. W. Casner.....Kansas City, Mo.
*¶ Mgr. & Supt. C. A. Parrish ..Weleetka
Engr. Pwr. Sta. C. Wimfrey..... “
1 a. c. Ft. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 225 hp. e. Fisher, G. & W; 200 hp. b. Mur, Kew; also 12 ton ice plant.
City cont. 18 arcs A. B. 6.6 amp. $96 per yr; moonlt; gas 10 cts.
D I L S 1 ✠ 16

**WESTVILLE,** 802 — Westville Lt. & Pwr. Co.; cap. $9,000.
*Owner, E. A. Beever...........Westville
Engr. Pwr. Sta. Arthur Turner. “
1 a. c. F. M. & Co. 60 kw. 2300-110 v. 3 ph. 60 cys; 80 hp. e. Gamble; 100 hp. b. Nelson.
City cont. 39 series tung. 100 w. $60 per yr; mdnt; coal $90 per mo.
L S 3 ✠ 25

**WETUMKA,** 1,190—*Munic. Lt. & Wtr. Co.; bds. $50,000.
Supt. W. L. Royse ..............Wetumka
Engr. Pwr. Sta. W. S. Irich.... “
1 a.c. West. 143 kva. 2300 v. 3 ph. 60 cys; 1 arc 12 lts; a. c. nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Skinner; 160 hp. b. C.-H.
6 city arcs A. B. and 8 incs; coal 85 cts.
L S 3 23

**WILBURTON,** 2,277—Degnan & McConnell Elec. Lt. Co.; cost $19,000; no bds.
Pres. & Mgr. Jas. McConnell..Wilburton
¶Pur. Agt. R. Howard......... “
Engrs. Pwr. Sta. D. E. Aden......... “
*W. M. Christian.. “
1 a. c. Bull. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 210 hp. e. Allis-C.
City cont. 18 series arcs 600 w. $84 per yr; 1600 com. incs. 60 w. 9 cts. to 15 cts. per kw; all nt; coal $2.50.
D L S 1 3 ✠ 22

**WOODWARD,** 3,500—Woodward Cotton Co; cap. outstg. $75,000; no bds.
*¶Pres. & Mgr. John Raynor..Woodward
V. Pres. John Garvey......... “
Sec. D. P. Marum............ “
Treas. & Audr. S. B. Laune... “
Ch. Engr. & Elecn. Geo. Peek “
2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; 1 arc. mch. Ft. W. 25 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 280 hp. e. Bates, Frost; 200 hp. b. Frost, English; 100 kw. turb. (stm.) Curtis; 160 hp. e. (oil) Busch-Diesel.
City cont. 12 arcs A. B. enc. 6.6 amp. $120 per yr; all nt; oil 80 cts. per bbl.
D G L S 1 3 ✠ 125

**WYNNEWOOD,** 2,002—Munic. Elec. Lt. & Wtr. Plant; bds. $50,000.
Mayor, H. A. Sadler........Wynnewood
Clerk, J. H. Boozer........... “
*¶Mgr. & Cont. Agt.
G. L. Bradfield .............. “
Supt. Homer Bramble........ “
Engrs. Pwr. Sta. Chas. Law........ “
H. Kimsey........ “
Sam Tutor........ “
2 a. c. Ft.W. Bull. tot. 145 kw. 2200-110 v. s.ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Skinr, Mun, Cor; 200 hp. b. Brnl.
17 city arcs Wood sys; coal $3.10.
L S 1 ✠ 25

**YUKON,** 1,018—Yukon Elec. Co. (Controlled by Yukon Mill & Grain Co.); cap. $5,000; no bds.
Pres. J. F. Kroutil................Yukon
V. Pres. A. F. Dobay............... “
Sec. & Treas. F. L. Kroutil......... “
*Mgr. T. A. Kroutil................ “
1 a. c. Ridg. 125 kw. 240 v. 3 ph. 60 cys; a. c. day cir; 300 hp. e. Strait; 220 hp. b. Kennecott.
D L S 3 ✠ 125

## OREGON.

**ALBANY,** 4,275 — Oregon Pwr. Co. For executive officers, see Eugene.
Mgr. J. L. White....................Albany
Engr. Pwr. Sta. W. C. McLagan.. “
2 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; 1 d.c. G. E. 100 kw. 550 v; a.c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 550 v. (ry.); 450 hp. e. Bates; 380 hp. b. Kew, Nagel, F. M. & Co.; 570 hp. turb. (wtr.) Victor; 66,000-33,000 volt trans. line from Springfield.
City cont. (including Philomath, Shedd and Tangent) 20 arcs G. E. 6.6 amp; 168 incs; all nt. (This sta. also lts. Corvallis, Philomath, Shedd and Tangent.)
C D N S W 3 ✠ 35

**AMITY,** 407—Amity Lt. & Pwr. Co.; cap. $20,000; no bds.
*Pres. & Mgr. J. A. Ruble..........Amity
V. Pres. F. B. Ferguson........ “
Sec. & Treas. F. Robinson.......... “
Energy purchased from the Sheridan Lt. & Pwr. Co.; 3 transf. G. E. tot. 150 kw; 1 a. c. West. 50 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-2300 v. 3 ph. 60 cys; 75 hp.e. F. M. & Co.; 100 hp. b. Dewar.
City cont. 8 arcs $90 per yr; 35 tung 32 c.p. $18 per yr; all nt. (Co. also lts. Ballston & Bellevue.)
D L S 1 3 ✠ 25

**ASHLAND,** 5,020—Munic. Elec. Pwr. & Lt. Dept. (In 1915, city took over system of California-Oregon Pwr. Co. under 3-yr. lease): bds. $90,000.
*Supt. A L. Strickland..........Ashland
Engr. Pwr. Sta. F. E. Russel..... “
1 a. c. West. 300 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys; 600 hp. wtr. wh. Pelton; also receives energy from California-Oregon Pwr. Co., Medford; 3 transf. Allis-C. tot. 1200 kva.
385 city nitro. lamps 6.6 amp. 1.35 cts. per c. p. per mo. all nt.
D L W 1 3 ★16

**ASTORIA,** 9,599 — Pacific Pwr. & Lt. Co. See Portland.
Local Mgr. J. B. Kilmore..........Astoria
2 a. c. G. E. tot. 1100 kw. 2300-230-115 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 525 kw. 550 v; 1 arc. G. E. 150 lt; a. c. day &

nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo.cir. 550 v; 1950 hp.e. McI. & S, Ham, Cor, W-C; 1050 hp. b. A. & T; also buys energy from Hammond Lumber Co.

City cont. 143 arcs 4000 c. p. $64.80 per yr; all nt; wood $2.50. Trans. to Warrenton and Flavel.

C D L S 3 16

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Hammond Lumber Co.
Pres. A. B. Hammond
San Francisco, Cal.
V. Pres. W. S. Burnett " "
Sec. L. C. Hammond " "
Treas. S. A. Van Dever
60 Wall St., New York, N. Y.
*¶Mgr. R. S. Shaw................Astoria
Supt. J. A. Rankin................ "
Ch. Engr. A. M. Hungerford...... "

3 a. c. turbo-gen. G. E. tot. 2600 kw. 2250 v. 3 ph. 60 cys; 1 d. c. G. E. 250 kw. 220 v; 2100 hp. e. Willamette; 3000 hp. b. Lyons, Kew.

Refuse. Sells energy in bulk to Pacific Pwr. & Lt. Co.

C S T 3 16

**BAKER,** 6,742—Eastern Oregon Lt. & Pwr. Co. Gen. stas. (5) in Baker, Union and Grant Counties; cap. outstg. $1,873,500; bds. $1,200,000.
Pres. Ray Nye............Fremont, Neb.
V. Pres. J. L. Rand................Baker
*¶Sec., Treas. & Mgr.
F. A. Harmon.................... "
Audr. D. Taylor.................... "
Supt. C. W. Gore...............La Grande

7 a. c. West., G. E. tot. 3280 kw. 2300 v. 3 ph. 60 cys; trans. 23,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-130 v. 60 cys; a. c. mo. cir. 440-220 v. 3 ph. 60 cys; 500 kw. turb. (stm.); 3550 hp. turb. (wtr.) Pelton; 700 hp. b. Cahill.

City cont. 115 arcs 6.6 amp. $60 per yr; 30 incs. 32 c. p. $24 per yr; all nt: sawdust. (Co. also distributes in Haines, Rock Creek, Bourne, North Powder, Union, Cove, Hot Lake, La Grande, Island City, Imbler, Alicel and Elgin.

D N S W 3 ✠ ★105

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Eagle River Elec. Pwr. Co. Office, Eagle Block. Hydro-elec. plant on Eagle River near Sanger; steam plant at Baker; cap. $69,400 prfd., $250,000 com; bds. $84,500.
Pres. F. W. Paine...Walla Walla, Wash.
*V. Pres. Treas. & Mgr.
J. K. Romig.......................Baker
Sec. M. Boswell.................... "
Supt. J. W. Crowe.................. "

1 a. c. G. E. 800 kw. 2300 v. 3 ph. 60 cys; 1600 hp. turb. (wtr.) Francis.

Stm. plt: 1 W. E. turbo-gen. 500 kw; 2 boilers tot. 650 hp.

Mill refuse.

S T W 3 26

**BANDON,** 1,803—Bandon Lt. & Pwr. Co.; cap. $11,500; mortgage $12,000.
*Pres. J. L. Kronenberg..........Bandon
V. Pres. C. Mc. C. Johnson...... "
Sec. Treas. & Gen. Mgr.
A. S. Elliott.................... "

1 a. c. G. E. 75 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph.; 450 hp. e. Hamilton. Cor.; 300 hp. b.—.

City cont. 6 arcs G. E. encl. 10 amp. $60 per yr; 51 incs. 100 w. $18 per yr; all nt; wood $100 per mo.

D L S 1 3 ✠ 103

**BAY CITY,** 281 — Tillamook Public Service Co. (Leased from Bay City Land Co.); cap. $1,000.
Pres. R. J. Hendricks..............Salem
Sec. & Treas. Scott Bozorth ....Portland
*Mgr. & Treas. J. O. Bozorth...Bay City
¶Cont. Agt. & Supt. J. H. West.. "
Engr. Pwr. Sta. W. H. Moon.... "

1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; no day cir.; 90 hp.e. Skinr; 35 hp. e. (gas) Peerless; 100 hp. b. McNaul.

City cont. 26 Mazdas 60 w. $15 per yr; moonlt. mdnt; wood $3. (Also lts. Port Russell.)

G L S 3 ✠ 75

**BEAVERTON,** 386—North Coast Pwr. Co. See Portland.

Energy from Hillsboro; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. mult. arcs $66 per yr.

D L 3 26

**BEND,** 536—The Bend Wtr., Lt. & Pwr. Co.; cap. $75,000.
Pres. Chas. A. Brown,
1550 Monadnock Block, Chicago, Ill.
V. Pres. John E. Ryan...............Bend
Sec. & Treas. Kempster B. Miller,
1484 Monadnock Block, Chicago, Ill.
*¶ Mgr. & Supt. T. H. Foley.......Bend
Engrs. Pwr. Sta { C. A. Stansburrough..... "
{ H. E. Roberts ............ "

3 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a.c. day & nt. mo. cir. 2300-220v. 3 ph. 60 cys; 666 hp. wtr. wh. Leffel, Smith.

City cont. 16 series arcs 6.6 amp. 500 w. $96 per yr; 13 incs. 100 w. $24 per yr; 25 ornamental posts 5-lt., 1-100 w. & 4-40 w. $9.60 per 100 w. per yr; all nt.

D L W 3 ✠ 75w

**BROWNSVILLE,** 919—Oregon Pwr. Co. See Eugene.

Trans. from Springfield by 6600 v. line which runs from Springfield to Albany; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 4 arcs A. B. 7.5 amp. $78 per yr; 44 incs. 40 w. $18 per yr; all nt.

D L 3 ✠ 35

**BURNS,** 904 — The Elec. Lt. & Pwr. Co.; cap. auth. & pd. in $10,000.
Pres. H. M. Horton.................Burns
*¶ Sec., Treas. & Mgr.
Roy C. Dwyer...................... "

8 a. c. Westg. G. E, F. M. & Co. tot. 225 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 70 hp. e. Frost; 60 hp. turb. (wtr.) Leffel; 70 hp. b. Frost; 60 hp. e. (gas) U. I. W.

City cont. 10 Mazdas 100 w. $60 per yr; all nt.

D G L S W 3 ✠ 16

**CANBY,** 587—Molalla Elec. Co. (Purchased property of The Molalla Co.). Office, Board of Trade Portland.

1 a. c. Warn. 200 kw. 6600-110 v. s. cys; 325 hp. wtr. wh. Victor. (Co. lts. Aurora, Barlow, Hubbard and Donald Erecting trans. line to Butteville

L W 1 ★ .05w

**CASCADE LOCKS,** 402 — Columbia River Lt. & Pwr. Co.; cap. $5,000.
*Pres. Goodwin A. Young..Cascade Locks
Sec. Ray Lang..........Vancouver, Wash.
Mgr. J. F. Moore..........Cascade Locks
Engr. Pwr. Sta. L. N. Moore "

1 a. c. G. E. tot. 220 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 117 v. 60 cys: no mo. cir; 100 kw. turb. (wtr.)

City cont. 880 incs.

D L W 3 84

**CHAMPION**—West Coast Mines Co.
*Supt. G. T. Hogg..............Champion

2 a.c. West. 370 kw. 1100 v. 2 ph. — cys; 800 hp. turb. (wtr.) Tuttle.

L W 2 82

**CLATSKANIE,** 747—Clatskanie Lt. & Pwr. Co. Gen. sta. at Fall Creek; cost $5,500.

Pres. W. W. Seymour....Tacoma, Wash.
*V. Pres. J. D. Wilcox, Sherlock Bldg., Portland
Treas. F. C. Brewer......Tacoma, Wash.
Engr. Pwr. Sta. C. Cook.......Clatskanie

1 a. c. G. E. 75 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 100 hp. e. Ball & Wood; 100 hp. turb. (wtr.) Tri; 150 hp. b. Willamette.

City cont. 7 arcs 6 amp. $60 per yr; 38 incs. 32 c. p. $12 per yr; all nt; wood $3.16. (Co. also lts. Clatskanie Jct.)

D L S W 1 ✠ ★125†

**CONDON,** 1,009—Condon Elec. Co.; cost $6,000.

Pres. Geo. S. Blake...............Portland
*¶Sec. & Mgr. A. B. Bower.......Condon
Treas. Georgia Bower.............. "
Engr. Pwr. Sta. O. H. Marble.... "

1 a. c. G. E. 60 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. (gas) F. M. & Co.

City cont. 9 arcs 6.6 amp. $72 per yr. and 21 Mazdas 250 w. $36 per yr. moonlt; distillate 11 cts.

G L 1 ✠ ★16

**COQUILLE,** 1,398—Oregon Pwr. Co. For executive officers, see Eugene.

Supt. F. E. McKenna ............Coquille
Engr. Pwr. Sta. Ernest Plep...... "

1 a. c. G. E. 150 kw. 2300 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 250 hp. e. Ames, Regal; 150 hp. b. Atlas, Mil.

City cont. 100 Mazdas 100 w. $18 per yr; all nt; saw mill refuse $50 per mo. (Trans. to Norway and Myrtle Point.)

D L S 3 ✠ 16

**CORNELIUS,** 459—North Coast Power Co. See Portland.

Energy from Hillsboro; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 60 w. mult. incs. $24 per yr.

D L 3 26

**CORNUCOPIA,** 250—Cornucopia Mines Co.; cost $100,000.

Pres. Jos. B. Thomas 132 E. 19th St., New York N. Y.
V. Pres. Ben. B. Lawrence.. 60 Wall St., New York, N. Y.
Sec.-Treas. I. W. Hunter...
*Mgr. Robert M. Betts.........Cornucopia
Engr. Pwr. Sta. C. A. Buxton. "

3 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220-440-2300 v; 1100 hp. wtr. wh. Pelton.

City cont. 18 tung. 60 w. $18 per yr.

D L W 3 ✠ ★16

**CORVALLIS,** 4,552—Oregon Pwr. Co. For executive officers, see Eugene.

Mgr. R. U. Steelquist..............Corvallis

Trans. from Albany, 10 miles; trans. 11,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 300 kw; a.c. day & nt. ltg. cir. 120 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 5 arcs 6.6 amp. $60 per yr; 143 incs. 100 c. p. $22 per yr; all nt. (12,000 v. 3 ph. trans. to Philomath, 3 arcs $72 per yr., 9 incs. 100 c. p. $22 per yr. and 10 incs. 60 c. p. $15 per yr.)

D L 3 ✠ 35

**COTTAGE GROVE,** 1,834—Cottage Grove Elec. Co.; cap. outstg. $50,000; bds. $16,000.

Pres. & Treas. O. M. Kem..Cottage Grove
*¶V. Pres. & Mgr. C. M. Shinn "
Sec. M. M. Shinn.......... "
Engr. Pwr. Sta. J. H. England............ "

1 a. c. West. 180 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 440-220 v. 2 ph. 60 cys; 300 hp. e. Rus; 300 hp. b. McNaull.

City cont. 31 Mazdas "C" 750 (7) & 500 w. (24) $50 per yr. and 65 Mazdas 80 c. p. $18 per yr. all nt; wood $1.

D L S 2 ✠ 16

**CRESWELL,** 367—Creswell Elec. Lt. & Pwr. Co.; cost $25,000.

Pres. & Treas. John Tunell.......Creswell
*Sec. & Mgr. J. N. Lindsay......... "

1 a. c. F. M. & Co. 13 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 112 hp. turb. (wtr.) Lef.

City cont. 60 incs. 100 w. $12 per yr. 12 P. M. and 5 to 8 A. M.

D L W 2 ✠ ★16

**DALLAS,** 2,124 — Oregon Pwr. Co. For executive officers, sec Eugene.

Mgr. A. L. Martin......................Dallas
Cont. Agt. F. D. Barrett........... "
Supt. Lee Clements................. "
Engr. Pwr. Sta. C. L. Brower...... "

2 a. c. G. E. tot. 400 kw. 2300-110 v. 3 ph. 60 cys; trans. 10,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1000 hp. e. Rus. Cor; 1000 hp. b. Stir. Bab. & W.

City cont. 45 arcs G. E. 6.6 amp. $72 per yr; 51 incs. 40 w; all nt; sawdust and mill refuse. (This sta. also lts. Monmouth and Independence.)

D L S 3 ✠ 35

**DUFUR,** 523—Pacific Pwr. & Lt. Co. See Portland.

a. c. day & nt. ltg. cir; a. c. mo. cir. 3 ph. 60 cys.

D L 3 16

**ELGIN,** 1,120—Eastern Oregon Lt. & Pwr. Co. See Baker.

**ENTERPRISE,** 1,242—Enterprise Elec. Co. Gen. Office, 521 First Ave., Spokane, Wash. Gen. stas. in Enterprise & Wallowa; cap. $300,000.

Pres. W. C. Sivyer.........Spokane, Wash.
V. Pres. Adolph Galland " "
Sec. & Treas. B. L. Sivyer " "
*Mgr. & Cont. Agt. L. M. Simpson......... " "
Supt. R. L. Forsythe............Enterprise

1 a. c. Natl. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 225 hp. turb. (wtr.) Tri.

City cont. 60 incs. "C" 100 c. p. $21 yr; all nt. (Co. also lts. Lostine, Evans and Wallowa.)

D L W 3 ✠ 16

**EUGENE,** 9,009 — Oregon Pwr. Co. (Lessee Northern Idaho & Montana Pwr. Co. Properties.) Office, 957 Williamette St., Eugene. (Gen. stas. at Albany, Coquille, Dallas, Marshfield and Springfield.) (Operated by H. M. Byllesby & Co.); cap. $6,500,000; bds. $5,529,000.

Pres. Elmer Dover .......Tacoma, Wash.
*V. Pres. & Mgr. Attilla Norman..Eugene
Sec. Richard S. Smith............. "
Treas. A. L. Ingalls............... "
Cont. Agt. A. P. Tills............. "
¶ Pur. Agt. F. Wing............... "
Supt. F. C. Burke................. "

Trans. from Springfield; 66,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 550 v. (ry.)

C D N 3 ✠ 35

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Eugene Water Board (Munic.). (The City Council has ratified the purchase, by the city, of the franchise and holdings of the Oregon Pwr. Co. within city limits.) Pwr. plant at Walterville; bds. $215,000; cost $330,201.34.

Pres. B. B. McKinney..............Eugene
V. Pres. R. M. Day................. "
*¶Sec. & Gen. Supt. C. W. Geller.. "

Engr. Pwr. Sta. E. W. Rand...Walterville
2 a. c. Ft. W. tot. 1410 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 95 kw. 550 v; trans. volt. 23,000 v; a. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 2300-440-220 v. 3 ph. 60 cys; 2400 hp. wtr. wh. Pelton-Francis.
270 city series incs. nitro. 100 c. p. 6.6 amp., first 220 lamps $2.10 per mo., balance at $1.14 per mo. all nt; 139 orna. 5-lt. posts 100 (1) & 60 w. (4) $2.97 per mo. top lt. all nt., bottom lts. mdnt. (Also lts. Walterville.)
C D L W 1 3 ★16

**FALLS CITY**, 969—Falls City Elec. Lt. & Pwr. Co. Inc; cap. outstg. $3,000.
Pres. W. B. Stevens............Falls City
*V. Pres., Mgr. & Ch. Engr.
C. T. Ellison.................. "
Sec. & Treas. A. W. Stevens.... "
1 a. c. West. 60 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 112 v. 133 cys; 115 hp. wtr. wh. Leffel.
17 city arcs nitrogen 750 w. $60 per yr; 10 Mazdas 32 c. p; all nt.
L W 1 75

**FLORENCE**, 1,000—Florence Elec. Co.; cap. $10,000.
*¶Pres. Sec. Cont. Agt. & Supt.
G. G. Bushman.................Florence
V. Pres. & Engr. Pwr. Sta.
Harry Hinshaw .............. "
Treas. Katie Bushman.......... "
1 a. c. C. W. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-2300 v; 150 hp. e. Cor; 100 hp. b. Erie.
City cont.——tung. 40 w. $12 per yr; midnt. (Also lts. Glenada.)
D L S 3 ✠ 16

**FOREST GROVE**, 1,772— Munic. Pwr. Plant; cost $10,000.
Treas. R. P. Wirtz...........Forest Grove
Mgr., Lt. & Wtr. Comm...... " "
¶Pur. Agt. John Wirtz...... " "
*Ch. Engr. Pwr. Sta. S. G. Morgan "
1 a. c. F. M. & Co. 100 kw. 2300 v. 3 ph. 60 cys; 150 hp. e. Ball; 150 hp. b. Kew; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v. 3 ph. 60 cys.
125 city incs. $12 per yr; all nt; wood $2.25 to $3.
D L S 3 16

**FREEWATER**, 532—Pacific Pwr. & Lt. Co. See Portland.
Day & nt. ltg. & mo. cir.
D L X 16

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See Milton.

**GASTON**, 131—North Coast Power Co. See Portland.
Energy from Hillsboro; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 60 w. mult. incs. $24 per yr.
D L 3 26

**GERVAIS**, 276—Portland Ry., Lt. & Pwr. Co. See Portland.
Energy from Salem and Silverton.
City cont. 30 incs. 100 w. $30 per yr. all nt.
L 26

**GRANTS PASS**, 3,897—California-Oregon Pwr. Co. (Rogue River Div.) For executive officers, see San Francisco, Cal.
District Mgr. C. L. Clevenger, Grants Pass
Trans. from Medford; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v. 3 ph. 60 cys.
D L 3 16

**GRASS VALLEY**, 342—Munic. Elec. Lt. & Wtr. Plant; cost $10,000.
Mayor, M. B. Taylor..........Grass Valley
Sec. John G. Odell.......... "
Treas. C. W. King.......... "
*Supt. & Ch. Engr. C. F. French "
1 d. c. F. M. & Co. 25 kw. 110 v; no day cir; 32 hp. e. F. M. & Co. (gas).
Hours.
C G L ✠ ★16

**HEPPNER**, 2,000—Heppner Lt. & Wtr. Co. (Purchased property of Lexington Elec. Co.); cap. $24,000.
Pres. H. V. Gates...............Portland
Sec. & Supt. W. E. Pruyn.......Heppner
*Treas. O. B. Gates, 658 3rd St., Hillsboro
2 a. c. G. E. total 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir; 330 hp. b. A. & R. Bab. & W; 220 hp. e. Cor.; trans. volt 11,000 v.
City cont. 101 series Mazdas; moonlt; wood $4.50. (Co. also lts. Lexington and sells in bulk to municipality of Ione.)
D L S 3 ✠ 36

**HERMISTON**, 647—Hermiston Lt. & Pwr. Co; cap. $10,000.
Pres. Joe Roth................Hermiston
V. Pres. J. W. Ralph......... "
*¶Sec., Mgr. & Cont. Agt.
James A. Ralph........... "
Treas. Frank Ralph........... "
2 a. c. West. Elec. Mch. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. wtr. wh. Lef.
City cont. 100 tung. 100 w. 80 c. p. $24 per yr; all nt. (Also lts. Umatilla, Stanfield and Echo.)
D L W 1 3 ✠ 16

**HILLSBORO**, 2,016—North Coast Power Co. For executive officers, see Portland.
Dist. Mgr. R. R. Easter.........Hillsboro.
Energy purchased from Portland Ry., Lt. & Pwr. Co.; 12 transf. G. E., Allis-C. tot. 1350 kw; a.c. day & nt. ltg. cir. 115 v; 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
City cont. 43 G. E. arcs series 7.5 amp. $48 per yr; 9 series tung. 60 w. $18 per yr.
(This sta. also lts. Beaverton, Orenco, Cornelius and Gaston.)
D L 3 ★26

**HOOD RIVER**, 2,331—Hood River Gas & Elec. Co.
Pres. John A. Laing ............Portland
Sec. Geo. F. Nevins............. "
*¶ Gen. Mgr. Albert S. Hall...Hood River
Engr. Pwr. Sta. Ed. Fewell.... "
1 a. c. Allis-C. 250 kw. 2200 v. 3 ph. 60 cys; trans. 2200 & 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v; 800 hp. turb. (wtr.) Smith.
(Also lts. Odell, Mt. Hood, Pine Grove, Oak Grove, Parkdale, Belmont and Ruthton.)
D L W 3 ✠ 25

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Hydro Elec. Co. Gen. sta. on Hood River, 5 miles from town; cap. $250,000.
Pres. John A. Laing.............Portland
Sec. Geo. F. Nevins............. "
*¶Mgr. Albert S. Hall........Hood River
Engr. Pwr. Sta. F. J. Knoblock "
1 a. c. West. 300 kw 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v; 1200 hp. wtr. wh. Victor.
City cont. 83 series incs. 6.6 amp. $18 per yr; all nt.
D L W 3 ✠ 25

**INDEPENDENCE**, 1,160—Oregon Pwr. Co. For executive officers, see Eugene.
Engr. Pwr. Sta. E. Blenis..Independence

Trans. from Dallas 10 miles, 10,000 v; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 80 incs. 100 c. p. $22 per yr.

D L 3 ✠ 35

**IONE,** 239—Munic. Street Ltg. System.
*Chrmn. Lt. Comm.
Mr. Balsiger........................Ione

Energy purchased from Heppner Lt. & Wtr. Co. 2300 v. 3 ph. 60 cys; day & nt. service.

D L 3 36†

**JEFFERSON,** 415—Munic. Lt. & Wtr. Plant; cost $15,000; bds. $12,000.
Mayor, W. W. Allen............Jefferson
Recorder, E. E. Howell.......... "
*¶Supt. F. W. Allen.......... "
Engr. Pwr. Sta. L. C. Mason... "

2 a. c. T. H. tot. 140 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 100 hp. turb. (wtr.) Sampson (leased); 85 hp. e. Bates and 90 hp. b. Kew. for emergency only.

9 city arcs G. E. multiple 6 amp; 25 tung. 100 w; all nt; sawdust, $300 per yr.

L S W 1 16

**JOHN DAY,** 258—The Consolidated Elec. Lt. Co.; cap. $10,000.
Pres. & Mgr. J. E. Marks....Canyon City
*V. Pres. & Treas. C. P. Johnson, John Day
Sec. E. J. Bayley............... "

1 a. c. War. 75 kw. 2400-120 v. s. ph. 60 cys; 60 hp. distillate e. F. M. & Co.

City cont; all nt; wood. (Co. also lts. Canyon City.)

G L 1 23

**JOSEPH,** 1,000—Joseph Lt. & Pwr. Co., Inc.; cap. outstg. $15,000; bds. $30,000.
*Pres. & Cont. Agt. F. D. McCully..Joseph
V. Pres. W. D. McCully.......La Grande
Sec. & Treas. Martha E. McCully..Joseph
Supt. H. C. Desler.............. "
Audr. R. C. McCully.............. "

1 a. c. Allis-C. 225 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 400 hp. turb. Allis-C.

City cont. 5 incs. "C" 750 w. $5 per mo; 3 incs. "C" 200 & 300 c. p. $2 per mo; 35 incs. 100 (28) & 60 c. p. (7) $1.60 & $1.40 per mo; all nt. (Lts. Joseph and outlying territory (10 miles.) Will extend line 5 or six miles.)

D L W 3 ✠ ★16

**KLAMATH FALLS,** 2,758—California-Oregon Pwr. Co., (Klamath Div.) For executive officers, see San Francisco, Cal.
Div. Supt. Geo. J. Walton.Klamath Falls
Engr. Pwr. Sta. F. B. Bremer "

2 a. c. G. E. West. tot. 840 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 2300 v. s. & 3 ph. 60 cys; 200 hp. wtr. wh. Platt.

City cont. 281 incs. 16-32-80 c. p. 4 cts. per c. p. per mo.; all nt.

D L W 1 3 ✠ 16

**LA GRANDE,** 4,843—Eastern Oregon Lt. & Pwr. Co. See Baker.

a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 440-220 v. 3 ph. 60 cys.

City cont. 65 lumn. arcs 300 w. $72 per yr; all nt; wood.

D L S 3 ✠ 105

**LAKEVIEW,** 1,253 — See New Pine Creek.

**LEBANON,** 1,820—Lebanon Elec. Lt. & Wtr. Co.; cap. outstg. $25,000; no bds.
Pres. & Treas. J. C. Mayer.......Lebanon
V. Pres. S. P. Bach............... "
Sec. S. M. Garland.............. "
Audr. E. I. Landstrom........... "
*¶Mgr. & Engr. Pwr. Sta.
S. I. Stewart.................. "

1 a. c. West. 100 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 150 hp. e. Sknr; 200 hp. b. Ames; 115 hp. turb. Lef.

City cont. 15 series arcs G. E. 6.6 amp. $96 & $120 per yr; all nt; wood $3.25 and oil $1.14.

D L S W 2 ✠ 16

**LEXINGTON,** 135 — Heppner Lt. & Wtr. Co. See Heppner.

2 transf. G. E. tot. 20 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. 3 ph. 60 cys.

City cont. 17 Mazdas series 6.6 amp. 40 & 100 c. p. tot. $240 per yr. midnt. & 5 A. M. to daylt.

D L 3 36

**LINNTON,** 1,165—Portland Ry., Lt. & Pwr. Co. See Portland.

**McMINNVILLE,** 2,400—Munic. Elec. Lt. Plant; cost $40,000; bds. $60,000.
*¶Supt. P. E. Thornton......McMinnville
Ch. Engr. Claude Walker... "

1 a. c. G. E. 200 kw. 6600-2300-220-110 v. 3 ph. 60 cys; 1 rect. G. E. 15 kw; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-110 v. 3 ph. 60 cys; 350 hp. turb. (wtr.) Pelton.

50 city arcs magn. 4 amp. $48 per yr; all nt.

D L W 3 75

**MARSHFIELD,** 2,980—Oregon Pwr. Co. (Coos Bay Div.) (Emergency plant at North Bend.) For executive officers, see Eugene.
Mgr. R. M. Jennings...........Marshfield
Audr. D. McIntyre ............ "
Supt. Henry O'Mara............ "

Energy purchased from C. A. Smith Lumber & Mfg Co; 1 a. c. West. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys; 500 hp. e. Wright.

City cont. 95 a. c. arcs $69 per yr; 714 incs. 16 & 32 c. p. $18 per yr; all nt. (Also lts. North Bend.)

D L S 2 3 ✠ ★16

**MEDFORD,** 8,840 — California-Oregon Pwr. Co. (Rogue River Div.) For executive officers, see San Francisco, Cal.
Div. Supt. H. C. Stoddard.......Medford
Engrs. { F. H. Farrar........Gold Ray
Pwr. Sta. } C. A. Lower.........Prospect

4 a. c. G. E. tot. 5660 kw. 22,000-2300-440-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300 v; 9750 hp. turb. (wtr) Smith, Allis-C. (Trans. to Ashland.)

D L W 3 ✠ 16

**MILTON,** 1,280—Munic. Elect. Lt. Plant; cost $45,000; bds. $42,000.
Mayor, C. D. Hobs................Milton
City Recorder, C. R. Samuel....... "
Treas. T. C. Frazier................ "
*¶Mgr. Cont. Agt. & Supt.
L. E. Coyle....................... "
Engrs. { Forest C. Ellis........... "
Pwr. Sta. } George Edwards....... "

2 a. c. G.E. tot. 300 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 560 hp. turb. (wtr.) Leffel.

7 city arcs G. E; 50 incs. 6.6 amp. series 100 & 200 c. p; all nt. (Also lts. Freewater, Opertunity and Crocket.)

D L W 3 ✠ ★16

**MT. ANGEL,** 545—Portland Ry., Lt. & Pwr. Co. See Portland.

Energy from Salem and Silverton.

City cont. 56 incs. 100 w. $13.20 per yr. all nt.

L 26

**MYRTLE CREEK,** 500—Munic. Light & Water System.

*Treas. Kitt Ackert.........Myrtle Creek
1 d. c. F. M. & Co. 25 kw. 120 v; 32 hp. wtr. wh. (Will discard d. c. machine and install 75 kw. a. c. gen.)
C L W §25†

**NEWBERG,** 2,260—Yamhill Elec. Co. (Controlled by Portland Ry. Lt. & Pwr. Co.); cap. outstg. $100,000; no bds.
*¶Pres. & Mgr. Robt. J. Moore..Newberg
V. Pres. Harry A. Littlefield.... "
Sec. & Treas.
H. H. Wade....443 E. 48th St. Portland
Ch. Engr. Warren Robertson Newberg
Energy purchased from Portland Ry., Lt. & Pwr. Co; 3 transf. G. E. tot. 825 kw; 2 a. c. Allis-C, G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 480-240 v. 3 ph. 60 cys; 400 hp. e. Allis-C; 600 hp. b. Bab. & W; steam plant used as auxiliary.
City cont. 22 arcs series flaming 10 amp. $96 per yr; 165 Mazdas 40 w. $15 per yr; all nt; sawdust and wood. (Co. also distributes in Dayton, Dundee, La Fayette, St. Paul and Carlton; sells energy in bulk to Tualitin Valley Elec. Co. and C. S. Trullinger, Yamhill.)
D L S 3 ✠ ★16

**NEW PINE CREEK,** 97 — Electric Light Plant.
*Owner, N. P. Jensen...New Pine Creek
Engr. Pwr. Sta.
C. Wiseman.............. "
1 a. c. West. 75 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day mo. cir. 220-110 v. s. ph. 60 cys; 80 hp. e. Ames; 150 hp. wtr. whl. Knight; 80 hp. b. Ames; trans. volt. 12,000 v.
City cont. 30 incs. carbon 16 c.p. 80 cts. per mo; all nt; oil & wood $5. (Also lts. Lakeview and Fairport, Calif.)
D L S W 1 ✠ 16

**NEWPORT,** 721 — Yaquina Elec. Co., cap. $20,000: bds. $30,000.
*Pres. Henry Hewitt, Jr.
Provident Bldg., Tacoma, Wash.
V. Pres. John Hewitt...... "
Sec. Henry Hewitt, 3d..... "
Treas. S. H. Bell................ Portland
¶ Mgr. & Cont. Agt.
Geo. Blanchard...............Newport
Engr. Pwr. Sta. C. M. Sendelback "
1 a. c. Allis-C. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 125 hp. e. Skinr; 250 hp. b. C. & H; also stm. htg.
City cont. 128 Mazdas 40 w. $1.50 per yr; wood $3.50.
D H L S 3 ✠ 14

**NORTH BEND,** 2,078—Oregon Pwr. Co. See Marshfield.

**ONTARIO,** 1,248—Idaho-Oregon Lt. & Pwr. Co. For executive officers, see Boise, Idaho.
Local Mgr. & Ch. Elecn.
Robt. L. Rockwell...............Ontario
Ch. Engr. L. M. Seaweard......... "
Sub Sta; 3 transf. West. 600 kw; trans. volt. 66,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
City cont. 11 arcs 500 w. $72 per yr; 27 incs. 100 w. $18 per yr.
D L 3 ✠ 24

**OREGON CITY,** 4,287—Portland Ry., Lt. & Pwr. Co. See Portland.

**ORENCO,** 200—North Coast Power Co. See Portland.
Energy from Hillsboro; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
No city cont.
D L 3 26

**PENDLETON,** 4,460—Pacific Pwr. & Lt. Co. See Portland.
Local Mgr. F. W. Vincent.....Pendleton
L 16

**PORTLAND,** 207,214 (1910) — North Coast Power Co. Gen. office, 441 Pittock Block. (Successor to Washington-Oregon Corpn. and Washington-Oregon Utilities Co.); cap. outstg. $1,750,000; bds. $1,217,000.
Pres. Clarence M. Brown,
2115 Land Title Bldg., Phila, Pa.
V. Pres. & Mgr. H. L. Harries...Portland
Sec. J. Newlin Brown,
2115 Land Title Bldg., Phila., Pa.
Treas. B. F. Donahue...........Portland
*¶Engr. R. M. Boykin............ "
Engr. Pwr. Sta. H. K. Lugger..... "
Operates stm. sta. at Chehalis, Wash. and hydro-elec. sta. at Kalama, Wash., which see for equip; purchases 800 kw. from Veness Lumber Co. at Winloch, Wash; also purchases energy from Portland Ry., Lt. & Pwr. Co. for Washington County, Oregon, and for Vancouver street ry. and waterworks.
Distributes energy for light and power in Beaverton, Orenco, Hillsboro, Cornelius, Gaston and Rainier, Oreg; Kalama, Kelso, Chehalis, Bucoda and Tenino, Wash; for power in Centralia and sells in bulk to municipality for light; also sells in bulk to Independent Electric Co. Operates st. ry. in Centralia, Chehalis and Vancouver and interurban lines between Centralia and Chehalis and between Vancouver and Sifton. Trans. volt. 45,000 & 6600 v. 3 ph. 60 cys.
R S W 3 ★26

Northwestern Elec. Co., Office, Pittock Block. (Operates hydro-elec. sta. at Underwood, Wash., and stm. sta. at Portland); cap. outstg. $11,281,000; bds. $3,260,000.
Pres. H. Fleishhacker. San Francisco, Cal.
V. Prests.
M. Fleishhacker
San Francisco, Cal.
Gen. Mgr. W. E. Coman,
Portland
Sec. & Treas. R. E. Wallace
San Francisco, Cal.
Audr. A. N. Cudworth..........Portland
*Sales Mgr. W. H. P. Hill ...... "
¶ Pur. Agt. F. L. Whipple...... "
Ch. Engr. B. C. Condit......... "
Supt. of Oper'n L. T. Merwin .. "
4 a. c. Allis-C. G. E. tot. 19,000 kw. 2400 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 4500 kw. 275 v; trans. volt. 66,000 v; a. c. & d. c. day & nt. ltg. cir. 122 v; a. c. day & nt. mo. cir. 11,000-2400-440-220 v; d. c. day & nt. mo. cir. 120-240 v; 18,000 hp. turb. (wtr.) Allis-C; 7000 kw. turb. (stm.) G. E; 3000 hp. b. Bab. & W. Stir; 18 transf. G. E. tot. 31,500 kw; 3 mo.-gen. tot. 4500 kw; stm. htg.
Crude oil. (Distributes in Portland and Camas and Washougal, Wash.)
C D H N S W 8 ★16

Pacific Pwr. & Lt. Co. Main Office, Spalding Bldg., Portland. (Controls the Walla Walla Valley Ry. Co. and is in turn controlled by American Pwr. & Lt. Co., 71 Broadway, N. Y. City); cap. stk. outstg. $10,100,000; bds. $7,240,000.
Chm. Bd. S. Z. Mitchell..New York, N.Y.
Pres. Guy W. Talbot............Portland
V. Prests.
Gen. Mgr. J. E. Davidson "
F. G. Sykes. New York, N. Y.
E. W. Hill.. " "
Edw. Cookingham ...Portland
Sec. & Asst. Treas. Geo. F. Nevins
Portland
Treas. E. P. Summerson. New York, N.Y.
Asst. Sec. & Treas. Geo. L. Myers
Portland
Asst. Gen. Mgr. L. A. McArthur "
Engr. J. C. Martin............ "
¶ Pur. Agt. C. H. Still........... "

Supt. of Pwr. J. H. Siegfried
Kennewick, Wash.
Tax & Property Agt. W. H. Galvani
Portland

Stm. Pwr. Stas. in Astoria, Ore., and Walla Walla, Kennewick, Waitsburg, Pomeroy and Naches, Wash.; wtr. pwr. stas. at Tygh Valley and on Walla Walla River, near Milton, Ore., and in No. Yakima, Goldendale, Husum, Prosser, Dayton, Waitsburg, Pomeroy (on Tucannon River) and Naches (2), Wash. Primary cir. 6600-2300-230-115 v; of total developed pwr. capacity approx. 27,100 hp. (20,325 kw.), 20,500 hp. (15,375 kw.) is generated by water pwr; trans. 66,000-22,500 v. 3 ph. 60 cys. Has additional regular and standby service from plants of other companies amounting to 5150 kw.

Serves Husum, No. Yakima, Wapato, Sunnyside, Granger, Mabton, Centerville, Goldendale, Dayton, Waitsburg, Pomeroy, Zillah, Naches, Selah, Richland, White Bluffs, Benton City, Beverly, Grandview, Prosser, Toppenish, Bingen, White Salmon, Prescott, Moxee City, Outlook, Kiona, Attalia, Wallula, Dixie, Huntsville, Marengo, Kennewick, Pasco and Walla Walla, Wash., and Freewater, Pendleton, Adams, Mosier, The Dalles, Dufur, Astoria, Flavel and Warrenton, Ore.

D R S W 3 ✣ ★16

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Portland Ry. Lt. & Pwr. Co. Office, Broadway & Alder St., Portland. Pwr. plants in East Portland, North Portland, Oregon City, Cazadero, Estacada, Bull Run, Peninsula, Boring, Salem and Silverton. (Controls Yamhill Elec. Co. and Willamette Valley Southern Ry.); cap. $18,750,000; bds. $39,000,000.

Pres. Franklin T. Griffith ........Portland
V. Prests. F. I. Fuller.......... "
H. L. Clark........Phila., Pa.
M. S. Hopkins. .Columbus, O.
Sec. & Asst. Treas.
G. L. Estabrook.............Phila., Pa.
Treas. & Asst. Sec.
C. N. Huggins..................Portland
Gen. Supt. O. B. Coldwell ...... "
Audr. R. W. Shepherd.......... "
Sales Mgr. A. C. McMicken...... "
¶Pur. Agt. W. J. Morris......... "
Supt. Pwr. C. P. Osborne........ "
Supt. Dept. Wires & Conduits,
H. R. Wakeman............... "
Ch. Stm. Engr. W. I. Barley..... "

Co. operates 15 sub-stas. and following pwr. stas.:

BORING STA. K.—1 d. c. Bull. 400 kw. 600 v; 1 a. c. G. E, Stan. 600 kw. 3 ph. 33 cys; 1 mo.-gen. set G. E, Bull, 400 kw. 600 v; 500 hp. e. Cor, Ham; 400 hp. b. Bab. & W.

BULL RUN STA. O.—3 a. c. West. tot. 11,250 kva. 6600 v. 3 ph. 60 cys; 19,200 hp. turb. (wtr.) Platt, W. S. M.

CAZADERO STA. G.—5 a. c. G. E, Allis-C tot. 14,250 kw. 3 ph. 33 & 60 cys; 26,800 hp. turb. Victor; 1 turbo mo.-gen. set. 125 hp; trans. volt. 30,000 & 57,100 v.

EAST PORTLAND STA. L.—2 a. c. turbo-gen. Curtis 10,000-2300 v; 1 d. c. G. E. 2000 kw; Ham, Cor, e; 30,000 hp. b. Bab. & W; 2 mo.-gen. G. E. tot. 1000 kw. 10,000 v. 60 cys. to 500 v. d. c.

ESTACADA STA. M.—3 a. c. G. E. tot. 9900 kw. 3 ph. 60 cys; 18,900 hp. turb. (wtr.); 1 d. c. Victor 85 kw. 125 v; trans. 57,100 v.

NORTH PORTLAND STA. E.—5 a. c. G. E. tot. 12,500 kw. 3 ph. 33 cys; 2000 kw. e. W. I & S. Wks; 6700 hp. b. Cahill; 10,500 kw. turb. (stm.) Curtis; trans. volt. 10,000 v.

Sub-sta. equip. 1 mo.-gen. set 60 kw. 3 ph. 33 cys. to 125 v. d. c; 1 exc. G. E. 75 kw. 125 v; 125 hp. e. Ideal; 2 rot. conv. tot. 800 kw.; 2 mo.-gen. sets tot. 1125 kw. 600 v.

OREGON CITY, STA. B.—2 d. c. Allis-C. tot. 500 kw. 600 v; 12 a. c. G. E. tot. 5750 kw. 10,000 v. 3 ph. 33 cys; 1 a. c. Allis-C. 500 kw. 3 ph. 60 cys;; 6050 kw. turb. Victor, Mc; trans. volt. 10,000 v.

PENINSULA STA. N—1 a. c. turbo-gen. Allis-C, Parsons, 2500 kw. 11,000 v. 3 ph. 60 cys; 7500 hp. b. Stir.

SALEM STA. H—1 d. c. G. E. 400 kw; 1 a. c. Westg. 250 kw. 3 ph. 60 cys; 2 mo.-gen. sets tot. 600 kw; 1 rot. conv. 1000 kw. 6 ph. 33 cys. to 600 v. d. c; 2 frequency changers tot. 1500 kw. 10,000 v. 33 cys. to 2300 v. 60 cys; 1600 hp. e. Cor, Fulton, L. & B, Stir; 950 hp. b. tublr; trans. volt. 20,000 v.

SILVERTON STA. J—1 a. c. Westg. 250 kw. 3 ph. 60 cys; 325 hp. turb. (wtr.) West.

a. c. day & nt. ltg. cir. 234-117 v; a. c. mo. cir. 2200 v.

City cont. 3395 series arcs $51.60 per yr; 157 mult. arcs $63.60 per yr; all nt; sawdust & oil, 95 cts. per bbl. (Also lts. Gladstone, St. Johns, Willamette Falls, Troutdale, Linnton, Gervais, Fairview, Woodburn, Salem, Silverton, Mt. Angel, Oregon City, Gresham, Estacada, Milwaukee, Sandy and Vancouver, Wash.; sells energy in bulk to North Coast Power Co., Yamhill Elec. Co. and Willamette Valley Southern Ry., United Rys. Co., Southern Pacific Co. (Portland Div.) and Oregon Elec. Ry. Co.)

C D R S W 1 2 3 ✣ ★16

**PRAIRIE CITY,** 348—Prairie Pwr. Co.; cap. outstg. $25,000; bds. $13,000.
*¶Pres. & Mgr. R. C. Reese...Prairie City
V. Pres. Sec. & Treas.
V. C. Belknap.............. "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 108-216 v. s. & 3 ph. 60 cys; 150 hp. turb. Platt.

City cont. 16 Mazdas 150 w. $39 per yr. all nt.

D L W 1 3 ✣ ★16

**PRINEVILLE,** 1,042 — Des Chutes Pwr. Co. Main office, 521 First Ave., Spokane, Wash. (Purchased Cove Pwr. Co.) (Pwr. plants on Crooked River and Des Chutes River); cap. $300,000.
Pres. Samuel Galland....Spokane, Wash.
V. Pres. W. C. Sivyer.... " "
Sec. & Treas. Bert L. Sivyer " "
*¶ Mgr. & Cont. Agt.
L. M. Simpson.......... " "
Supt. C. L. Shattuck...........Prineville
Engr. Pwr. Sta. A. Cottingin......Culver

2 a. c. G. E. Bull. tot. 550 kw. 2300-5500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 230 v; 1050 hp. turb. (wtr.) Lef.

City cont. 12 arcs a. c. series 6.6 amp. $90 per yr; 52 incs. series 80 c. p. $30 per yr; all nt. (Co. also lts. Redmond, Metolius, Culver and Madras.)

D L W 3 ✣ 16

**RAINIER,** 1,359—North Coast Power Co. For executive officers, see Portland.
Local Mgr. E. W. Kearns .........Rainier

Energy from Kalama, Wash; 3 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 240 v. 3 ph. 60 cys.

City cont. 60 w. mult. incs. $15 per yr; all nt.

D L 3 ★26

**ROSEBURG,** 4,738 — Douglas County Lt. & Wtr. Co. Main office, 1811 Yeon Bldg., Portland,
Pres. A. Welch...................Portland
Sec. E. W. Hall................. "
¶Treas. R. J. Hubbard .......... "
*Mgr. C. R. Reese...............Roseburg
Supt. Frank Sandstrom......... "
Engr. Pwr. Sta. H. E. Burchfield
Winchester

3 a. c. G. E. Allis-C tot. 825 kw. 6600 v. 3 ph. 60 cys; 3 d. c. G.E. tot. 43 kw. 125 v; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys; 506 hp. e. Allis C; 509 hp. b; 950 hp. turb. (wtr.) Sampson; 11 transf. G. E. tot. 700 kw.

City cont. 12 arcs series 6.6 amp. $72 per yr; 130 incs. series 6.6 amp. $18 per yr; all nt; wood. (Co. also lts. Winchester, Wilbur, Sutherlin, Oakland, Yoncalla and Drain.)

C D L S W 3 25

**ST. HELENS,** 742—St. Helens Lt. & Pwr. Co. (Controlled by St. Helens Lumber Co.)
Pres. Chas. R. McCormick San Francisco, Cal.
V. Pres. R. C. Merriman......Exeter, Cal.
Sec. & Treas. S. M. Hauptman San Francisco, Cal.
*Mgr. H. F. McCormick .......St. Helens
¶ Pur. Agt. N. B. Perkins...... "
Supt. Robert F. Cole .......... "
Ch. Engr. Frank Russel....... "
Engr. Pwr. Sta. W. W. White "

2 a. c. Allis-C. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v. 3 ph. 60 cys; a. c. nt. pwr. cir. 115-230 v. 3 ph. 60 cys; 325 hp. e. Sknr; 1000 hp. b. C. & H.

City cont. 160 Gem incs. 80 w. $90 per yr; sawdust.

L S 3 ✠ 25

**ST. JOHNS,** 4,872—Portland Ry., Lt. & Pwr. Co See Portland.

**SALEM,** 14,094 — Portland Ry., Lt. & Pwr. Co. For executive officers, see Portland.
Div. Mgr. W. M. Hamilton..........Salem
Engr. Pwr. Sta. R. W. Sineral..... "

2 a. c. G. E, West. tot. 450 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 400 kw. 500 v; 1 rectifier G. E. 75 lt; a. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 120-240 v. s. & 3 ph. 60 cys; 1200 hp. e; 900 hp. b; trans. volt. 57,000 v; 3 transf. G. E. tot. 1836 kw; 1 rot. conv. G. E. 1000 kw; 1 mo.-gen. G. E. 300 kw; 2 freq. chgrs. G. E. tot. 1500 kw.

City cont. 70 magnetite arcs 4 amp. $52.80 per yr; 130 Mazdas 400 c. p. $52.80 per yr. all nt. Sawdust 14.4 cts. per cu. yd. and oil $1.07 per bbl. Trans. to Woodburn, Silverton, Mt. Angel and Gervais.

C D R S 1 3 ✠ ★26

**SCIO,** 295 — Munic. Elec. Lt. & Wtr. Plant; cost $10,000.
Mayor, R. M. Cain.....................Scio
Recorder, C. C. Wade.................. "
*Treas. J. F. Prochaska.............. "
¶ Supt. & Engr. Pwr. Sta.
Walter Bilyeu....................... "

1 a. c. G. E. 60 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; 90 hp. turb. Leffel.

5 city arcs Thomp. 1200 c. p; 40 incs. Ed. 32 c. p; mdnt.

L W 3 ✠ 23

**SEASIDE,** 1,121—Seaside Lt. & Pwr. Co. Box 428; cap. stk. $50,000; bds. $20,000.
Pres. A. Welch 1311 Yeon Bldg., Portland
Sec. & Treas. A. Prichard........ "
*Mgr. Floyd J. Keys...............Seaside
Engr. Al. Carlson.................. "

3 a. c. G. E, West. tot. 390 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 575 hp. e. Rus, Cor; 800 hp. b. Rus.

City cont. 20 arcs series 6.6 amp. $72 per yr; 75 incs. 60 c. p. $21 per yr; all nt; oil. (Co. also lts. Gearhart.)

D L S 1 ✠ 16

**SHERIDAN,** 1,500 — Sheridan Lt. & Pwr. Co.; cap. $25,000; no bds.
Pres. E. Thompson..............Portland
V. Pres. G. G. Bushman..........Florence
*¶Sec., Treas. & Mgr.
J. T. Thompson.................Sheridan
Engr. Pwr. Sta. J. C. Robinson... "

2 a. c. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 350 hp. e. T. C. Frost; 100 hp. turb. (wtr.) Smith; 200 hp. b. Brnl, Erie City. Also purchases energy from Willamina Elec. Co.

City cont. 6 arcs Warner 6.6 amp. $72 per yr; 64 Mazdas 40 w. $14.40 per yr; all nt; sawdust & slab wood. (Lts. Sheridan and vicinity; sells energy to Amity Lt. & Pwr. Co.)

D L S W 1 3 ✠ 26

**SHERWOOD,** 115 — Tualitin Valley Elec. Co.; cap. $30,000; bds. $14,500.
Pres. Chas. P. Miller............Portland
V. Pres. Geo. L. Davis.............. "
Sec. & Treas M. Reiser..........Sherwood
*Mgr. Fred. J. Epler........... "

1 a. c. C. W. 100 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 90 hp. e. Rus; 110 hp. b. Pittsburgh. Energy purchased from Yamhill Elec. Co., Newberg.

City cont. 300 Mazdas mult. 60-200 w. $18 per yr; mdnt; wood. (Co. also lts. Tualitin and Tigard.)

D L S 1 3 ✠ 16†

**SILVERTON,** 1,588—Portland Ry. Lt. & Pwr. Co. See Portland.

1 a. c. West. 250 kw. 2300 v. 3 ph. 60 cys; trans. volt. 18,500 v; a. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 120-240 v. s. & 3 ph. 60 cys; 800 hp. wtr. wh; also receives energy from Salem.

City cont. 24 tung. 100 w. $12 per yr. all nt. Trans. to Woodburn, Mt. Angel and Gervais.

D L W 1 3 ✠ 26

**SPRINGFIELD,** 1,838 — Oregon Pwr. Co. For executive officers, see Eugene.
Engr Pwr. Sta. W. L. McCulloch Springfield

3 a. c. turbo-gen. G. E, Allis C. tot. 3000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 220 v; 2000 hp. b. Bab. & W, Stir; 66,000-33,000 v. trans. line to Albany.

City cont. 11 arcs magn. 6.5 amp; 135 G. E. series incs. 100 w; all nt; slabs $2.25. (This sta. also lts. Eugene, Junction City, Harrisburg, Halsey, Brownsville and Coburg.)

D L S 3 ✠ 35

**STAYTON,** 703—Stayton Elec. Lt. Co.; cap. $10,000.
*Owner & Gen. Mgr.
C. E. Taylor.......................Stayton
Line Foreman, P. J. Shreve...... "

1 a. c. West. 60 kw. 110 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 133 cys; 50 hp. wtr. wh.

City cont. 76 carbon lamps 60 w. $9 per yr. (Will install 3 ph. 60 cycle machine and distribute in Town of Sublimity.)

D L W 1 ✠ ★16

**SUMPTER,** 643—Northwest Lt. & Wtr. Co. For executive officers, see Wallace, Idaho.
Supt. W. E. Weed...............Sumpter
Ch. Engr. Herbert A. Thompson "

1 a.c. G. E. 150 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 175 hp. e. Allis C; 222 hp. turb. Doble; 180 hp. b. F. & C.

City cont. 15 arcs 2000 c. p. $96 per yr; all nt; wood $3.50.

L S W 3 ✠ 16

**THE DALLES,** 4,880—Pacific Pwr. & Lt. Co. See Portland.
Local Mgr. B. P. Baily........The Dalles

3 a. c. G. E. tot. 2250 kw. 2200 v. 3 ph. 60

cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 2200-220-110 v. 3 ph. 60 cys; 3700 hp. turb. Pelton-Francis; trans. 49 miles, 66,000 v; all nt.

D N W 3 ✢ 16

**TILLAMOOK,** 1,352—Coast Pwr. Co. (Successor to Tillamook Elec. Lt. & Fuel Co.); cap. outstg. $48,000.

*¶Pres. Treas. & Mgr. C. J. Edwards Tillamook
V. Pres. Henry Crenshaw..... "
Sec. Chas. I. Clough.......... "
Audr. Calvin Blair........... "
Ch. Engr. M. DeLillis......... "

2 a. c. G. E, Stanley 635 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 240 v; 200 hp. e. McE; 425 hp. b. Atlas, Lyons; 500 kw. stm. turb. G. E.

City cont. 3 series arcs enc. 6.6 amp. $90 per yr; 96 Mazdas series 40 c. p. $24 per yr; all nt; wood and sawdust. (Will install street-lighting system in Nehalem.)

D L S 3 ✢ 95w

**UNION,** 1,483—Eastern Oregon Lt. & Pwr. Co. For executive officers, see Baker.

Local Mgr. F. S. Wilson...............Union

Energy from La Grande plant; 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys.

City cont. 26 incs. 16 c. p. $10.20 per yr; 120 incs. 8 c. p. tot. $35 per mo; all nt.

D L 3 ✢ 105

**VALE,** 396—Vale Elec. Co.; cap. outstg. $100,000; no bds.

Pres. F. C. Noon..............Provo, Utah
Sec. H. R. Waldo....Salt Lake City, Utah
Treas. W. L. Biersach.........Provo, Utah
*Mgr. E. A. Boyd......................Vale
Audr. C. E. Ericksen.........Provo, Utah

Energy purchased from Electric Investment Co.; 3 transf. Allis-C. tot. 300 kva; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 70 incs. multiple 40 w. $23.40 per yr; all nt.

D L 1 3 ✢ ★16

**WALLOWA,** 793—Enterprise Elec. Co. For executive officers, see Enterprise.

Local Supt. U. R. Wilson.........Wallowa
Engr. Pwr. Sta. I. C. McNuth.... "

1 a. c. G. E. 87.4 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; trans. 6600 v; 200 hp. turb. (wtr.) Lef.

City cont. 32 "C" incs. 100 c. p. $21 per yr; all nt.

D L W 3 ✢ 16

**WILLAMINA,** 376—Willamina Electric Co.; cost $15,000.

*Owner & Mgr. J. T. Thompson, Sheridan
Supt. & Engr. Pwr. Sta.
Elbert Shinkle...............Willamina

1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 100 hp. wtr. wh. Smith.

City cont. 5 arcs Benjamin 300 w. $63 per yr. and 8 Mazdas 40 w. $14.40 per yr. (Lts. Willamina and vicinity and sells energy in bulk to Sheridan Lt. & Pwr. Co.)

D L W 1 3 ✢ §105

**WOODBURN,** 1,616—Portland Ry., Lt. & Pwr. Co. See Portland.

Energy from Salem and Silverton; a. c. day & nt. ltg. cir. 117 v. 60 cys; a. c. day & nt. mo. cir. 120-240 v. s. & 3 ph. 60 cys.

City cont. 142 Mazdas series 80 c. p. $14.40 per yr; all nt.

D L 1 3 26

**YAMHILL,** 327—*C. S. Trullinger.

Energy purchased from Yamhill Elec. Co., Newberg. (Also lts. No. Yamhill.)

L ✢ §16†

## PENNSYLVANIA.

**ABINGTON TWNP.** — Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**AKRON,** 700—Akron Elec. Lt. & Pwr. Co.; cap. outstg. $22,100; loans $16,500.

*Pres. & Mgr. H. Z. Bitner.........Akron
V. Pres. S. N. Wolf................. "
Sec. & Treas. A. N. Wolf.........

3 a. c. West. F. M. & Co. tot. 190 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v; 250 hp. e. (gas).

City cont. 36 series tungs. 100 w. $20 per yr; midnt; coal $2.55. (Lts. Akron Boro, Rothsville and Millway.)

D G L 3 25

**ALBION,** 2,000—The United Ltg. Co. (Successor to The Albion Lt. & Pwr. Co.) (Controlled by Kansas Elec. Utilities Co.)

Pres. Albert Emanuel.........Dayton, O.
V. Pres. C. F. Chapman.......Toledo, O.
Sec. & Audr. H. T. Lanse ....Dayton, O.
Treas. L. A. Pettit, Jr.......... "
Cont. Agt. W. B. Milligan.... "
Ch. Engr. H. G. Hopkins...........Albion
Engr. Pwr. Sta. W. H. Church.... "
Local Mgr. W. A. Mertz.......... "

2 a. c. Burke 75 kw. 2200 v. 3 ph. 60 cys; a. c. day cir. 110 v; a. c. mo. cir. 220 v; 250 hp. e. Skinr; 300 hp. b. Union.

City cont. 195 incs. 16 c. p. $12 per yr; all nt; slack $1.50. (Co. lts. Cranesville and Wellsburg.)

D L S 3 ✢ ★16

**ALEXANDRIA,** 432—Penn Central Lt. & Pwr. Co. See Altoona.

1 a. c. Ft. W. 150 kva. 2300 v. 3 ph. 60 cys; 400 hp. wtr. wh. Lef.

City cont. 10 arcs $37.50 per yr.

L W 3 35

**ALIQUIPPA,** 1,743 — Inter-Borough Elec. Co. See Ambridge.

**ALLEGHENY** (Pittsburg), 145,240 — North Side Lt. Plant (Munic.), Brocket St.; cost $663,374.97; bds. $534,000.

*Deputy Supt. Bureau Elec.
Elmer G. Loomis..............Pittsburg
Ch. Engr. Geo. H. Schafflnit.. "
Ch. Elecn. Frank E. Tencate.. "
Ch. Clerk, Arthur L. Wyman.. "

3 a. c. Westg. tot. 1250 kw. 2200 v. 2 ph. 60 cys; 10 arcs G. E. tot. 1210 lt; 16 rect. Westg. tot. 1200 lt; a. c. day cir. 110 v. 2 ph. 60 cys; pwr. cir. 2200 v; 2896 hp. e. Bckye, Westg, Buffalo; 2000 hp. b. Bab. & W, Erie.

2100 city arcs. 2000 c. p; 6730 incs; all nt; coal.

D L S 2 ★74

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Pennsylvania Lt. & Pwr. Co. Office, 435 Sixth Ave., Pittsburgh. (Controlled by the Duquesne Lt. Co., Pittsburgh); cap. $850,000: bds. $150,000.

Pres. Jas. D. Callery...........Pittsburgh
V. Prests. { S. L. Towe........ "
V. Prests. { J. H. Reed........ "
Contr. C. S. Mitchell.......... "
Sec. W. B. Carson.............. "
Treas. C. J. Braun, Jr......... "
Gen. Mgr. R. S. Orr........... "
¶ Pur. Agt. C. W. Lepper..... "
Cont. Agt. Henry Harris...... "
Engr. Pwr. Sta. J. M. Graves. "

Energy from Duquesne Lt Co; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys; d. c. mo. cir. 500 v. (Co. lts. Pittsburg, N. S., Bellevue and McKees Rocks.)

C D L 2 3 ✢ ★16

**ALLENTOWN,** 51,913—Lehigh Valley Lt. & Pwr. Co. (Merger of the Allentown Elec. Lt. & Pwr. Co., and the Whitehall, Emaus, Slatington, Hanover, Salisbury, Northampton Heights, and Sancon Companies; the Lehigh & Northampton Lt., Ht. & Pwr. Co. has since been absorbed.) (Leases Bethlehem Elec. Lt. Co. and controls through stock ownership Halcyon Elec. Lt. & Pwr. Co, of So. Bethlehem.) (Controlled by the Lehigh Valley Transit Co.)

*Pres. H. R. Fehr..................Allentown
V. Pres. & Mgr. A.H.S.Cantlin "
Sec. & Treas. Chas. N. Wagner. "
Audr. C. M. Walter............. "
Ch. Elecn. R. E. Dornblaser... "

Purchases energy from Lehigh Valley Transit Co; 3 a. c. G. E. tot. 9750 kw. 2200-212-106 v. 3 ph. 60 cys; 4 arc Brush tot. 600 lt; 4 rect. West. tot. 300 lt; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. day & nt. mo. cir. 212 v. s. & 3 ph. 60 cys; d. c. mo. cir. 500 v; 5500 hp. b. Bab. & W; 13,750 kw. turb. (stm.) G. E.

City cont. 755 arcs (320 metallic) $64 per yr; 521 Mazdas 60 c. p. $19.25 per yr; all nt; coal $3. (Furnishes lt. & pwr., either directly or through subsidiary companies, to Washington, North Whitehall, South Whitehall, Hellertown, Freemansburg, Allen, Hanover, Catasauqua, Macungie, Salisbury, Upper Saucon, Lower Saucon, Springfield, Millford and Rushland Townships, including the city of Allentown and boroughs of Slatington, Slatedale, Walnutport, Emaus, South Allentown, Bethlehem, South Bethlehem, Fountain Hill, Northampton Heights, Hellertown, Coplay, North Catasauqua, Cementon, Fullerton and Northampton.)

C D N S 1 3 ✣ 125

**ALTOONA,** 52,127—Penn Central Lt. & Pwr. Co. Office, 1412-11th Ave.; gen. plants in Altoona (2), Alexandria and Lewistown. (Controls Geo. S. Good Elec. Co. of Patton, Penna. Hydro Elec Co. and Penn Central Pwr. & Trans. Co); cap. outstg. $1,528,000; bds. $4,809,500.

Pres. R. W. Meirs, 1336 Walnut St. Phila.
V. Pres. Henry M. Watts.......... "
Sec. & Treas. Jno. E. Zimmerman
611 Chestnut St., "
*Mgrs. Day & Zimmerman
611 Chestnut St. "
Audr. M. A. Miller ...............Altoona
Cont. Agt. H. B. Swayne......... "
¶ Pur. Agt. H. A. Crownover...... "
Gen. Supt. E. B. Greene.......... "
Supt. Elec. Oper. J. F. Cole...... "
Supt. Pwr. Stas. John C. Scholl... "

a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v.

*TWENTIETH STREET*

4 a. c. tot. 1250 kw. 2300 v. 3 ph. 60 cys; 1250 hp. e. Allis-C, Erie City; 1500 hp. b. Keeler, Erie City.

*EIGHTEENTH STREET*

2 a.c. G.E. tot. 800 kw. 2300 v. 3 ph. 60 cys; 7 d. c. G. E. tot. 1100 kw. 220 & 110 v; 7 rect. West. tot. 515 lts; 1 arc Brush 60 lts; stor. bat. E. S. B. 110 v. 70 amp. hrs.

Purchases energy from Penna. Hydro Elec. Co. (Warrior Ridge), Penn Central Pwr. & Trans. Co. (Williamsburg), and Yeagertown Wtr. Pwr. Co.

City cont. 468 arcs metallic flame $52.50 per yr; 28 incs. $29 per yr; all nt; coal. (Co. also lts. Hollidaysburg, Juniata, Wilmore, Alexandria, Petersburg, Duncansville, Mt. Union, McVeytown, Lewistown, Burnham, Reedsville and Gaysport; sells energy to Cresson Elec. Lt. Co., Gallitzin Elec. Lt. Co., Hastings Electrical Co. and Lewistown & Reedsville Elec. Ry.)

C D N S W 1 2 3 ✣ 35

**AMBLER,** 2,649—Ambler Elec. Lt., Ht. & Motor Co; cap. $15,000, 6 p. c. div.

Pres. & Mgr. R. V. Mattison, M.D.,
Ambler
V. Pres. R. V. Mattison, Jr......... "
*Sec. H. V. Everham ............... "
¶ Treas. Edw. W. Phillips.......... "
Supt. Thos. Rose.................. "
Ch. Elecn G. G. Rynear............ "

2 a. c. Westg. tot. 675 kw. 2200-110 v. 3 ph. 60 cys; 2 d. c. West. 275 kw. 220 v; d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. ltg. cir. 110 v. ph. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 350 hp. e. Fitch; 1000 hp. stm. turb. Westg; 1748 hp. b. Bab. & W.

City cont. 154 tung. 190 w; moonlt. all nt; coal. (Co. also does ltg. in Ft. Washington and Penllyn.)

C D L S 1 3 ✣ 73

**AMBRIDGE,** 5,205 — Inter-Borough Elec. Co. Office, Sewickley. (Controlled by West Penn Trac. Co.)

Pres. Williston Fish..............Pittsburg
V. Pres. & Gen. Mgr. —— "
Sec. & Treas. H. S. Swift........ "
Sales Mgr. Thos. S. Henderson.. "
¶ Pur. Agt. H. E. Burns.......... "
Supt. Ltg. H. P. Chambers....... "
Supt. G. I. Phillips..............Sewickley

Energy purchased from West Penn Rys. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.

City cont. 317 magn. arcs 4 amp; 123 tungs. 40-60 & 80 c. p. (Also lts. Sewickley, Edgeworth, Leetsdale, Woodlawn, Aliquippa, Conway and Baden.)

D L 1 2 3 75W

**ANNVILLE,** 1,283—Annville & Palmyra Elec. Lt. Co.; cap. outstg. $15,000; bds. $13,500.

¶ Pres. Treas. & Mgr.
Tobias Bomberger..............Annville
V. Pres. A. S. Bomberger....... "
*Sec. E K. Bomberger......... "

Energy from Edison Elec. Illg. Co; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 232 Mazdas 40 c. p. $15 per yr; all nt. (Co. also lts. Palmyra, Fairland and Cleona).

D L 3 125

**APOLLO,** 3,006—West Penn Lt. & Pwr. Co. See Leechburg.

Energy from Leechburg; 1100-220-110 v. s. ph. 133 cys; no day cir.

City cont. 22 arcs mult. 6 amp. $60 per yr; all nt.

L 1 ✣ 94

**ARCADIA,** 1,500—Giant Elec. Lt., Ht. & Pwr. Co. See Glen Campbell.

**ARCHBALD,** 7,194—Scranton Elec. Co. See Scranton.

**ARDMORE,** 3,500 — Counties Gas & Elec. Co. See Norristown.

**ARNOLD,** 1,800 — Allegheny Valley Lt. Co. See New Kensington.

**ASHLAND,** 6,855—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

2 a. c. G. E. 300 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220 v. s. & 2 ph. 60 cys; 450 hp. e. Bckye, Allis-C; 200 hp. b. Keeler.

City cont. 82 A. B. arcs 7.5 amp. $85 per yr; 56 incs. 32 c. p. $34 per yr; all nt; coal $1.15. (Also lts. Locust Dale, Conyngham, Germantown, Oristers, Mid-Valley, Byrnesville and Millersville.)

D L S 1 2 16

**ASHLEY,** 5,601—The Wilkes-Barre Co. See Wilkes-Barre.

**ASPINWALL,** 2,592—*Munic. Electric Lt. & Wtr. Plant; cost $40,000.

1 a. c. C. W. 100 kw. 2300 v. 3 ph; a. c. nt. ltg. cir. 110 v; 125 hp. e. Rus; 205 hp. b. Erie, Oil City.

55 city arcs W. E. 616 w; coal.

L S 3 23

**ATHENS,** 3,796—Sayre Elec. Co. See Sayre.

**ATLAS,** 1,500—Edison Elec. Illg. Co. See Mt. Carmel.

**AUBURN,** 921—Auburn Elec. Lt., Ht. & Pwr. Co.; cap. $15,000.

Pres. Claude H. Hawkins........Auburn
*¶ Sec. Guy H. Diefendorfer...... "
Treas. D. W. Nagle............... "

1 a. c. G. E. 50 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 80 hp. e. Flem; 100 hp. b. Hamburg.

City cont. 41 series tung. 50 & 100 w. $12 and $20 per yr; all nt; coal $1.

L S 1 ✣ ★95†

**AUDENREID,** 1,622—The Harwood Elec. Co. See McAdoo.

**AVALON,** 4,317—Duquesne Lt. Co. See Pittsburgh.

**AVOCA,** 4,634—Scranton Elec. Co. See Scranton.

a. c. day & nt. ltg. & mo. cir. 110 v. 60 cys.

City cont. 18 arcs $65 per yr; 31 incs. $20 per yr.

D L X ✣ 26

**AVONMORE,** 1,260—West Penn Lt. & Pwr. Co. See Leechburg.

**BANGOR,** 5,369—Pennsylvania Utilities Co. For executive officers, see Easton.

Dist. Supt. P. J. Brown...........Bangor

1 a. c. West. 260 kw. 2300 v. 3 ph. 60 cys; 1 d. c. C.-W. 300 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys: 800 hp. e. Cor, Fitch; 700 hp. b; (also stm. htg.).

City cont. 62 arcs 1200 c. p. $71 per yr; 26 incs. 80 c. p. $24 per yr; moonlt. all nt; coal $2.30 & $2.75. (Trans. to E. Bangor and Rosetto.)

C D H L S 1 3 ✣ 16

**BARNESBORO,** 3,535—*Barnesboro Ht., Lt. & Pwr. Co.; cap. $10,000.

Pres. & Mgr. John Barnes....Barnesboro

1 a. c. G. E. 181.5 kw. 2300-110 v. 3 ph. 60 cys; no day cir; buy stm. from Barnes & Tucker Co.

City cont. 6 mult. arcs 7.5 amp. $60 per yr; 44 carbon 32 c. p. $12 per yr; all nt; coal. (Co. also lts. Spangler and sells energy to Cherry Tree Elec. Ht., Lt. & Pwr. Co.)

L S 3 ✣ 221

**BATH,** 1,057—Pennsylvania Utilities Co. See Easton.

**BEAVER,** 3.456—Beaver County Lt. Co. See New Brighton.

**BEAVER FALLS,** 12,191—Beaver County Lt. Co. See New Brighton.

**BEAVER MEADOW,** 1,640—The Harwood Elec. Co. See McAdoo.

**BEAVER SPRINGS,** 400—Beaver Springs Elec. Lt. Co.; cap. issued $6,000; no bds.

Pres. & Treas. A. Gross...Beaver Springs
Sec. M. J. Baker.......... "
*¶ Mgr. Supt. & Ch. Elecn.
J. M. Baker............... "

1 d. c. C-W 12½ kw. 110 v; no day cir; mo. cir. 110 v; 14 hp. turb. Pelton.

City cont. 5 incs; 32 c. p. $12 per yr.

C L W 16

**BEDFORD,** 2,235—Bedford Elec. Lt., Ht. & Pwr. Co.; cap. outstg. $23,000; no bds.

Pres. J. W. Tate..................Bedford
V. Pres. Patrick Hughes......... "
*Sec. & Mgr. Wm. Brice, Jr...... "
Treas. A. B. Egolf............... "
Supt. J. S. Brice................ "

2 a. c. G. E. tot. 450 kva. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110-v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. Taylor, Bckye; 550 hp. b. Taylor, Erie City.

City cont. 40 enc. arcs 7.5 amp; moonlt; coal.

D L S 1 3 ✣ 25

**BELLEFONTE,** 4,145—State-Centre Electric Co. See State College.

a. c. day & nt. ltg. cir. 110 v.

City cont. 58 arcs G. E. 6.6 amp. $66 per yr; 30 incs. G. E. 60 w. $22 per yr; all nt.

D L X ✣ 25

**BELLE VERNON,** 2,372—The West Penn Elec. Co. See Charleroi.

**BELLEVUE,** 6,323—Duquesne Lt. Co. See Pittsburgh.

**BELLWOOD,** 2,277—Home Elec. Lt. & Stm. Htg. Co. See Tyrone.

**BEN AVON,** 1,828—Duquesne Lt. Co. See Pittsburgh.

**BENTLEYVILLE,** 3,000—The West Penn Elec. Co. See Charleroi.

**BENTON,** 719—Benton Elec. Co. (Hydro-elec. sta. 2 mi. north of Benton; aux. sta. in Benton.)

Pres. John F. Stone..........Coudersport
Sec. Treas. & Mgr.
Fannie A. Perkins.......... "
*¶ Supt. Glen Appleman...........Benton
Engr. Pwr. Sta. G. L. Hess....... "

3 a. c. F. M. & Co. tot. 120 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 40 hp. e. (oil) F.M. & Co; 120 hp. wtr. wh. Smith.

City cont. 36 Mazdas 100 c. p. $12 per yr; all nt; kerosene 8½ cts.

D G L W 1 3 25

**BERLIN,** 1,336—Munic. Elec. Lt. Plant; cost $20,000; bds. $12,000.

Pres. Council. Chas. F. Swope.....Berlin
*Sec. H. B. Philson................ "
¶ Treas. Fred. Groff............... "
Ch. Pwr. Salesman, Elmer Engle.. "

1 a. c. West. 78 amp. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 250 hp. e. Russell; 300 hp. b. Erie City, Keeler.

17 city arcs G.E. enc. 1000 c.p. $60 per yr; 50 carbon 32 c.p. $12 per yr; all nt; coal $1.

L S 1 16

**BERWICK,** 5,357—Columbia & Montour Elec. Co. See Bloomsburg.

**BERWYN,** 1,200—Counties Gas & Elec. Co. See Wayne.

**BETHEL,** 1,200—Blue Mt. Elec. Co.; cap. $7,000; bds. $4,000.

Pres., Mgr. & Supt. H. C. Stambaugh
Rehrersburg
V. Pres. O. B. Herbein.......Strausstown
*Sec. & Treas. I. B. Klinger.........Bethel
Ch. Engr. & Elecn. S. S. Seyfert
So. Bethlehem

1 a. c. West. 30 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 60 hp. gas. pro. Columbus; 35 hp. e. (gas) Columbus; 70 hp. turb. (wtr.) Pelton.

Coal $5. (Co. also lts. Strausstown and Rehrersburg.)

D G L W 2 ✣ 25

**BETHLEHEM,** 12,887—Bethlehem Elec. Lt. Co. (Leased to The Lehigh Valley Lt. & Pwr. Co. which see for officers); cap. auth. & pd. in $140,000; bds. auth. & outstg. $50,000, 6 p. c. int.

Energy from Lehigh Valley Lt. & Pwr. Co.

City cont. 128 magn. arcs 300 w. $72 per yr; 134 40-w. tung. $16 per yr. (Co. also lts. Hellertown, Northampton Heights and Freemansburg.)

L 125

**BIG RUN,** 1,032—Du Bois Elec. & Trac. Co. See Du Bois.

**BIRDSBORO,** 2,930—Birdsboro Elec. Co.; cap. $12,000.
Pres. & Mgr. G. Brooke, Jr.......Birdsboro
*Sec. & Treas. Wm. Lincoln.... "
Supt., Ch. Engr. & Elecn.
A. J. Althouse.................. "

1 a. c. G. E. 60 kw. 2080-104 v. s. ph. 133 cys; no day cir; 80 hp. e. A. & S.; 100 hp. b. H. B. & M; 100 hp. turb. (wtr.) Smith.

City cont. 74 incs. 32 c. p. $22.50 per yr; moonlt; coal.

L S W 1 ✣ 19

**BLACKLICK,** 1,500—Penn Public Service Co. See Blairsville.

**BLAIRSVILLE,** 3,572—Penn Public Service Co. See Clearfield.

1 a.c. West. 150 kw. 2400 v. 2 ph. 60 cys; 2 rect. G. E. tot. 100 lt; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph; 225 hp. e. Bates, Cor; 600 hp. b. Phoenix, Titusville; also purchases energy from Citizens Lt., Ht. & Pwr. Co. of Pa.; 3 transf. West. tot. 300 kw.

City cont. 52 arcs magn. 2000 c. p. $55 per yr; 4 Mazdas 200 c. p. $36 per yr; all nt; coal $1.20. (Trans. to Coketown, Blacklick, Bolivar, Seward and New Florence.)

D L S 2 3 ✣ 16

**BLOOMSBURG,** 7,413 — Columbia & Montour Elec. Co. (Owns electric light companies in Berwick, Bloomsburg & Danville and gas companies in Danville & Bloomsburg.) (Owns 90.53 p. c. of cap. stock of North Branch Transit Co.) (Controlled by Northern Central Co.); cap. stk. 1st pfd. $50,000; 2d pfd. $304,900; com. $900,000; bds. issued $1,105,500.
Pres. F. T. Hepburn
14 Wall St., New York, N. Y.
V. Pres. M. I. Low...........Bloomsburg
Sec. L. K. Bingaman.. ..... "
Treas. & Mgr. Stephen C. Pohe "
Gen. Audr. F. E. Haag..New York, N. Y.

2 a.c. — tot. 400 kw. 2300 v. 2 ph. 60 cys; 2 d. c. West. tot. 400 kw. 600 v; 700 hp. e. H. F. & M; 1000 hp. b. H. F. & M; trans. ines to Berwick & Danville 23,000 v. 3 ph; also buys energy from Harwood Elec. Co.

(Trans. to Berwick, Nescopeck, Danville, and to various twnps. in Columbia, Montour, Northumberland and Luzerne Counties, including Sunbury, Northumberland, Milton and Lewisburg.)

C L S 2 3 ★36

**BLOSSBURG,** 2,303—Blossburg Elec. Lt. & Pwr. Co.; cap. outstg. $25,000; bds. $15,000.
Pres Walter T. Merrick........Wellsboro
¶V. Pres. & Mgr. F. C. Stock.Blossburg
Sec. & Treas. W. H. McCarty.... "

2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. (small motors only) mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. e. Erie, Ball; 325 hp. b. Payne, Keeler; also stm. htg.

City cont. 123 Mazdas 32 c. p. $15 per yr; all nt; coal $1.60. (Also lts. Covington.)

D H L S 1 3 ✣ 16

**BOILING SPRINGS,** 1,600—Boiling Springs Elec. Lt. Co.
*Owner, J. C. Bucher.....Boiling Springs

1 a. c. West. 50 kw. 3 ph. 60 cys; a. c. nt. ltg. cir. —— v. 60 cys; 100 hp. turb. (wtr.)

L W 3 ✣ 63

**BOLIVAR,** 518—Bolivar Lt., Ht. & Pwr. Co.; cap. $15,000; no bds.
Pres. W. B. Hammond ...........Bolivar
*¶ Sec. & Treas. W. M. Wynn.... "
Supt. Earl Nixon................ "

1 a. c. Warren 125 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 125 hp. e. Skinr; 150 hp. b. Union; also trans. from Penn Public Service Co., Blairsville; stm. htg.

City cont. 19 arcs 2000 c. p. $60 per yr. moonlt. mdnt; coal $1.25. (Co. also lts. West Bolivar and Garfield.)

D H L S 2 ✣ 23

**BOYERTOWN,** 2,433—The Boyertown Elec. Co.; cap. outstg. $35,000; no bds.
Pres. Lewis Campbell..........Boyertown
V. Pres. Geo. P. Ralm......... "
Sec. G. G. Greenwald........... "
Treas. Joel H. Weller......... "
Audr. Geo. Romig............... "
*¶Mgr. A. E. Groff............. "
Ch. Engr. Wilson Scheffy..... "

2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; 1 arc G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 300 hp. e. Buckye; 300 hp. b. Sotter Bros.

City cont. 15 series arc. 2000 c. p. $72 per yr; 35 tung. 60 c. p. $20 per yr; all nt; coal $3. (Co. also lts. Gilbertsville and Bechtelsville.)

D L S 3 25

**BRACKENRIDGE,** 3,134—See Tarentum.

**BRADDOCK,** 19,357—Duquesne Lt. Co. See Pittsburg.

**BRADFORD,** 14,544—Bradford Elec. Lt. & Pwr. Co.; cap. outstg. $130,000; no bds.
Pres. D. W. Robertson.........Bradford
V. Pres. Neal McCallum........ "
*Sec. & Mgr. J. H. Rose......... "
Treas. F. Hamilton............. "
Cont. Agt. Geo. Gunton........ "
Supt. L. O. Langwarthy........ "
Ch. Engr. Pwr. Sta. R. H. Carl. "

4 a. c. G. E. tot. 1050 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 65 kw. 125 v; 2 arc mch. G. E. tot. 120 kw; 2 rect. G. E. tot. 200 lts; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-230 v. 3 ph. 60 cys; 1600 hp. e. (gas) West.

City cont. 187 magn. arcs 4 amp. $55 per yr; all nt; gas 30 cts.

C D G L 3 ✣ 125

**BRIDGEPORT,** 3,860 – Counties Gas & Elec. Co. See Norristown.

**BRIDGEVILLE,** 1,983—Duquesne Lt. Co. See Pittsburgh.

**BRIDGEWATER,** 1,562—Beaver County Lt. Co. See New Brighton.

**BRISTOL,** 9,256 — East Pennsylvania Gas & Elec. Co. (Controlled by the United Service Co.); cap $225,000 com., $50,000 prfd; bds. $300,000.
Pres. T. R. Brooks...............Scranton
V. Pres. & Gen. Mgr.
L. H. Conklin................. "
Sec. & Treas. Geo. G. Brooks... "
Mgr. D. A. Elias...................Bristol

1 a. c. G. E, 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-440-220 v. 3 ph. 60c ys; 400 hp. e. West; 300 hp. b. equipt. held in reserve; purchases energy from Phila. Elec,

Co. and Public Service Co. of N. J; 3 transf. West. tot. 300 kva.

City cont. all nt; coal $3. (Co. distributes in Bristol, Morrisville and Yardley.)

D L S 1 2 3 36

**BROOKVILLE,** 3,003—Solar Elec. Co.; cap. $10,000; cost $25,000.
Pres. Hon. F. X. Kreitler.......Nebraska
V. Pres. W. H. Gray...........Brookville
*¶Sec. & Mgr.
George W. Heber............ "
Treas. L. V. Deemer........... "
Ch. Engr. T. Kerns........... "

4 d. c. G. E. 210 kw. 110 v; d. c. day & nt. ltg. & mo. cir; 82 hp. e. Jenks,; —— hp. b. Meadville; 335 hp. e. (gas.) American.

City cont. 170 incs; all nt; gas 27 cts. (Will install 2 a. c. G. E. machines 2300 v. 3 ph. 60 cys.)

C D G L S ✠ 25

**BROWNSTOWN,** 500 — Brownstown Elec. Lt., Ht. & Pwr. Co.
*Owner & Mgr. C.S.Wenger..Brownstown
Ch. Engr. & Elecn. Joel Wenger "

1 a. c. Warren 35 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 75 hp. turb. (wtr.) Lef, Smith.

Ltg. 10 cts. per kw.

L W 1 75

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Citizens Lt. Ht. & Pw. Co. See Johnstown.

**BROWNSVILLE,** 1,300 — The West Penn Elec. Co. See Pittsburg.
Supt. J. A. Gaffney...........Brownsville

Energy from West Penn Rys. Co.; 7 transf. West, C.-W, Pitts. tot. 1650 kw; 1 mo. gen. G. E. 300 kw.

City cont. all nt. (This sta. also lts. So. Brownsville, W. Brownsville, Roscoe, California and Coal Center.)

L ✠ 94

**BRYN MAWR,** 1,500—Counties Gas & Elec. Co. See Wayne.

**BURGETTSTOWN,** 1,264—West Penn Ltg. Co. See McDonald.

**BURNHAM,** 1,500 — Penn Central Lt. & Pwr. Co. See Altoona.

City cont. 5 arcs $65 per yr; 27 incs. $25 per yr.

L 35

**BUTLER,** 20,728 — Butler Lt., Ht. & Motor Co. (Controlled by West Penn Trac. Co.)
Pres. Williston Fish..............Pittsburg
V.Pres. & Gen. Mgr.—— "
Sec. & Treas. H. S. Swift....... "
Sales Mgr. Thos. S. Henderson.. "
¶Pur. Agt. H. E. Burns......... "
Supt. Ltg. H. P. Chambers...... "
Supt. D. H. Johnson...............Butler

Energy purchased from West Penn Rys. Co. 22,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.

City cont. 411 tungs. 250 c. p; 868 tungs. 80 c. p; all nt.

D L 1 2 3 ✠ 75w

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Butler County Lt. Co. (Charters merged into and owned: Summit, Oakland, Parker, Fairview, Center Penn, Adams, Callery, Butler and Cranberry Twshps. and Chicora, Butler, Mars and Valencia Boros, ButlerCounty and Shaler, Richland, and Hampton Twshps. and Etna, Millvale and Sharpsburg Boros, Allegheny County. Also owns cap. stk. ($104,000) of the United Pwr. & Lt. Co., which in turn owns 22 charters in the Beaver Valley. Cap. $25,000.
Pres. —— —— .................. ——
*V. Pres. Chas. C. Tennis,
Vandergrift Bldg., Pittsburgh
ec. J. H. McGinnity.. " "
Treas. R. E. Sprenkle ...............Butler
Supt. Chas. R. Bartley ............ "

Energy purchased from Pittsburgh & Butler St. Ry. Co., 2 frequency changers G. E tot. 300 kw; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys. (Co. also lts. Mars.)

D L 3 ★125

**CALIFORNIA,** 2,230—The West Penn Elec. Co. See Brownsville.

**CAMBRIDGE SPRINGS,** 1,514—Cambridge Springs Elec. Lt. Co.; cap. $20,000.
Pres. A. H. Matteson....... } Cambridge
V. Pres. J. P. Haggarty.... } Springs
*¶Sec. Mgr. & Ch. Elecn.
C. W. Jones.................. "
Treas. Geo. L. Wade.......... "
Ch. Engr. Walter Whitney.... "

2 a. c. Burke tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 260 hp. e. Sknr; 300 hp. b. Phoenix.

Coal $2.50.

D L S 3 16

**CANONSBURG,** 3,891—West Penn Ltg. Co. For executive officers, see Waynesburg.
Supt. C. A. Hall...............Canonsburg

Energy from Washington; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.

City cont. 86 magn. arcs 2000 c. p. $75 per yr; all nt. (Also lts. So. Canonsburg and Houston.)

D L 1 2 3 ✠ 94

**CANTON,** 1,637—Canton Illg. Co.; cap. $15,000; cost $32,000.
Pres. J. F. Clark....................Canton
*Sec. & Mgr. B. H. Clark......... "
Treas. H. L. Clark................. "

2 a. c. G. E. tot. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. 2 & 3 ph. 60 cys; 300 hp. b. Keeler; 320 hp. e. Skinr.

City cont. 132 Mazdas 25 w. & 250 w; moonlt; coal $2.40.

D L S 1 2 3 ✠ 75

**CARBONDALE,** 17,040—Scranton Elec. Co. See Scranton.
Dist. Mgr. Chas. Berry.........Carbondale

Energy from Scranton plant; 3 transf. G. E. 1500 kw; 1 mo. gen. G. E. 500 kw; a. c. day & nt. ltg. cir. 120 v; mo. cir. 220 v.

City cont. 68 arcs 7.5 amp. $65 per yr; 181 incs. 50 w. $20 per yr; all nt.

D L X ✠ 26

**CARLISLE,** 10,303—The Carlisle Lt., Ht. & Pwr. Co. Office, 35 East High St. (Stm. plant at Carlisle; hydro-elec. plant on creek, 1 mile from Carlisle.) (Owned and operated by Carlisle Gas & Water Co.); cap. $600,000; bds. $138,000.
Pres. John Hays....................Carlisle
*¶ V. Pres. & Mgr.
Geo. M. Hays...................... "
Sec. & Treas. J. S. Tritt........... "

5 a. c. C.-W, West, G. E. tot. 1725 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 140 kw. 125 v; a. c. day & nt. ltg. cir. 112 v; d. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 2500 hp. e. Taylor, H. F. & M, Weth; 1900 hp. b. H. F. & M, Bab. & W; 450 hp. turb. (wtr.) Leffel

City cont. 108 Mazdas 300 w; 78 Mazdas 40 w; all nt; coal $2.85.

C D L S W 3 75

**CARNEGIE,** 10,009—Duquesne Lt. Co. See Pittsburg.

**CATASAUQUA,** 5,250—Lehigh Valley Lt. & Pwr. Co. See Allentown.

Energy from Lehigh Valley Transit Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 38 arcs 550 w. $75 per yr; 340 ung. 32 c. p. $14.50 per yr; all nt. Also lts. Coplay, North Catasauqua, Cementon, Fullerton and Northampton.)
D L 1 3 125

**CATAWISSA,** 1,930—Munic. Elec. Lt. Plant; valuation $12,325.46; bds. $3,500.
Pres. Bd. W. M. Vastine.......Catawissa
*Sec. F. R. Dent.............. "
Treas. C. E. Kreisher........... "
Gen. Supt. Jere Berminger..... "

2 a.c. Ft.W, West. tot. 160 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. H. F. & M; 275 hp. b. Keeler, H. F. & M.

108 Mazda series 60 c. p. $17.50 per yr; all nt; coal $2.40.
L S 1 125

**CENTRALIA,** 2,429—Schuylkill Lt., Ht. & Pwr. Co. (Office and pwr. plants in Girardville.) (Operated by Schuylkill Ry. Co.)
Pres. Powell Evans...517 Arch St., Phila.
*Sec. & Treas. J. A. McKee " "
¶ Mgr. Chas. Murray..........Girardville
Supt. T. J. McAndrews....... "
Engr. Pwr. Sta. V. F. Kissinger "

2 a. c. G. E, West. tot. 150 kw. 2200-110 v. s. ph. 60 cys.

City cont. 15 arcs $75 per yr; all nt; coal.
L S 1 11

**CHAMBERSBURG,** 11,800 — Munic. Elec. Lt. Plant; cost $100,000.
*¶Mgr. J. H. Mowrey.......Chambersburg
Engr. Pwr. Sta. Calvin N. Smith "

2 a. c. G. E. tot. 1000 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 95 kw. 550 v; 3 rectifiers G. E. tot. 150 lts. 4 amp. magnetite; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 550 v; 1650 hp. e. Curtis; 500 hp. b. Harrisb.

142 city arcs d. c. series 2000 c. p. $75 per yr; 1100 multiple incs. 32 c. p. $18 per yr; all nt; coal $1.35.
C D L S 1 3 125

**CHARLEROI,** 9,615—The West Penn Elec. Co. For officers, see Pittsburg.
Dist. Supt. Geo. T. Leith.......Charleroi

Energy from West Penn Rys. Co; 5 transf. West. Pgh., tot. 2250 kw; 2 mo. gen. West. tot. 600 kw.

City cont. all nt. (This sta. also serves Monessen, Belle Vernon, No. Belle Vernon, Speers, No. Charleroi, Fayette City and Bentleyville.)
L ✠ 94

**CHELTENHAM TWNP.**—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 26

**CHERRY TREE,** 439—Cherry Tree Elec. Ht., Lt. & Pwr. Co.; cap. $5,000.
Pres. B. W. Kinports........Cherry Tree
V. Pres. & Audr. E. W. Smith "
*¶Sec. & Treas. C. J. Cameron. "
Mgr. W. T. Mahaffey......... "

Purchases energy of Barnesboro Ht., Lt. & Pwr. Co.

City cont. 45 incs. (Co. also lts. Emeigh and Garmans Mills.)
L ★16

**CHESTER,** 38,537—Beacon Lt. Co., 515 Market St., Chester. (Owned and controlled by Phila. Elec. Co.)
Pres. W. H. Johnson........Philadelphia
V. Pres. & Mgr. Albert R. Granger. Chester
Sec. A. V. R. Coe...........Philadelphia
Treas. H. C. Lucas.......... "
Cont. Agt. J. T. Maxwell.... "
¶ Pur. Agt. J. W. Derrick... "
Supt. John Melloy...............Chester
Ch. Engr. James H. Denis........ "

4 a. c. G. E. tot. 10,000 kw. 2500 v. 2 ph. 60 cys; 1 a. c. turbo-gen. 10,000 kva. 1300 v. 2 ph; 6 d. c. arc G. E. tot. 450 lt; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir. 220 v.; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 1250 hp. e. Bckye; 2000 kw. turb. Curtis; 3000 hp. b. Edge.

City cont. 300 magnetite arcs 4 amp. $75 per yr; 600 Mazdas 4 amp. $14.25 per yr; all nt; coal $2.85. (Co. also lts. Ridley Park, Upland and Marcus Hook.)
C D L S 2 ✠ 16†

**CHICORA,** 1,000—Butler County Lt. Co. See Butler.

**CHRISTIANA,** 934—Edison Elec. Co. See Lancaster.

3 transf. West. tot. 300 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 61 incs. 40 w. $13.50 per yr. all nt. (Also lts. Atglen Gap, Kinzers and Lenover.)
D L 3 25

**CLAIRTON,** 3,326—Duquesne Lt. Co. See Pittsburg.

**CLARION,** 2,612—Clarion Elec. Co.; cap. $15,000; no bds.
¶ Pres. Mgr. Supt. & Engr. Pwr. Sta. J. B. Knox.......................Clarion
*Sec. & Treas. J. M. Knox...... "

2 a.c. G. E. tot. 200 kw. 11,000 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v; 175 hp. e. gas) Warren; 225 hp. e. McE, Ridge; 175 hp. b. Penn.

City cont. 60 arcs enc. 6.6 amp. $50 per yr; all nt; gas 20 cts. per M.
L S 1 23

**CLEARFIELD,** 6,851 — Penn Public Service Co. Principal office, Philadelphia; general office, Clearfield. (Pwr. plants in Clearfield, Blairsville, Indiana, Philipsburg and Dunlo.) (Owns securities of Centre & Clearfield Ry. Co., Philipsburg.) (Controlled by Pennsylvania Electric Co.); cap. com. $1,100,000, prfd. $200,000; bds. $1,650,000.
Pres. F. T. Hepburn
14 Wall St., New York, N.Y.
V. Prests. { J. K. Andrews " "
H. H. Weaver.....Johnstown
Sec. F. E. Taylor................Clearfield
¶ Treas. F. S. Dunlap.......... "
Asst. Sec. W. O. Hoover........ "
Asst. Secs. & { F. W. Gregory } New York
Asst. Treasrs. { L. A. Wood.. } N. Y.
*Gen. Mgr. Warren Partridge...Clearfield
Gen. Audr. F. E. Haag..New York, N.Y.

2 a. c. Allis-C. tot. 600 kw. 2300 v. 3 ph. 60 cys; 2 rectifier G. E. tot. 100 lt; trans. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 110-220-440 v. 3 ph. 60 cys; 1220 hp. boilers.

City cont. 63 arcs magnetite 4 amp. 2000 c. p. $62 per yr; 51 Mazdas 80 c. p. $23 per yr; coal $1.50. (Co. serves Clearfield, Curwensville, Grampian, Woodland, Bigler, Blairsville, Cokeville, Snow Shoe, Blacklick, Bolivar, Seward, New Florence, Indiana, Philipsburg, Osceola Mills, Houtzdale, Madera, Ramey, Blue Ball, Sandy Ridge, Morrisdale, Winburne, Munson, So. Philipsburg, Irvona, Boardman, Grassflat, Lanse, Kylerstown, Wallacetown, Mineral Springs, Smokerun, Retort, Janesville, Beccaria, Blairsville, Intersection, Chester Hill, Dunlo and Homer City; supplies coal mining operations in Center, Clearfield and Indiana Counties.)
D N S 3 ✠ 16

**CLIFTON HEIGHTS,** 3,155—Delaware County Elec. Co. See Lansdowne.

**CLYMER,** 1,753 — Clymer Elec. Co. See Dixonville.

**COALDALE,** 5,154—Panther Valley Elec. Co. See Lansford.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys.
D L 3 16

**COALPORT,** 876—Coalport Lt., Ht. & Pwr. Co.; cap. $5,000; no bds.
*Pres. A. L. Hegarty............Coalport
V. Pres. J. W. Gill................ "
¶ Sec. & Supt. W. W. Hegarty.... "
Treas. O. F. Snyder............. "
Engr. Pwr. Sta. H. A. Boser..... "
1 a. c. Stan. 65 kw. 2300-115 v. 2 ph. 60 cys; no day cir; 125 hp. e. Ham, Cor; 120 hp. b. Erie.
City cont. 1 arc; mdnt; coal $1.25. (Co. also lts. Rosebud and Blain City.)
L S 2 ✢ 73

**COATESVILLE,** 11,084—Chester Valley Elec. Co., district offices, Downingtown and Parkesburg; (Consol. of Coatesville Elec. Lt. Ht. & Pwr. Co., Consumers' Elec. Lt. Ht. & Pwr. Co., Parkesburg Elec. Lt. Ht. & Pwr. Co., Chester Valley Elec. Lt. Ht. & Pwr. Co., Caln Township Elec. Co., Valley Township Elec. Co. and Sadsbury Township Elec. Co.) (Controlled by Municipal Service Co.)
Pres. H. T. Hartman
Land Title Bldg., Phila.
Sec. & Treas. J. W. Swain, Jr.
Land Title Bldg., Phila.
¶ Mgr. & Cont. Agt.
F. W. Harris.................Coatesville
Engr. Pwr. Sta.
Paul B. Prutzman.......... "
3 a.c. West. G.E. tot. 2900 kw. 2300 v. 3 ph. 60 cys; 1 d. c. rect. West. 25 lt; 7 transf. West. 900 kw; 2 rot. conv. West. 400 kw; 1 mo. gen. 50 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 550 v; 3750 hp. stm. turb. West; 1500 hp. b. Heine, Keeler.
City cont. 90 arcs Jandus 7.5 amps. $70 per yr; 29 tung. 50 c. p. $30 per yr; all nt; coal $2.70. (Serves Coatesville, Downington, East Downingtown, Pomeroy, Parkersburg, Modena and Sadsburyville and sells energy to West Chester St. Ry. Co.)
D L S 1 3 ★16

**COLEMANVILLE,** 250—Colemanville Wtr. & Pwr. Co. Office, Millersville; cap. $5,000; bds. $100,000.
Pres. M. Schamberg..Bullitt Bldg., Phila.
*Sec., Treas. & Mgr.
U. S. Wetherill.....119 S. 4th St., "
Supt. Amos A. Hebble.......Millersville
2 a. c. Warren, West. tot. 825 kw. 11,000-2200 v. 3 ph. 25 cys; 1350 hp. e. H. O. & R; 450 hp. turb. Lef; 660 hp. b. Franklin. (Co. also lts. Pequea.) (Operation suspended.)
L S W 3 16w

**COLUMBIA,** 11,454 — Edison Elec. Co. See Lancaster.
Energy from Lancaster; 2 freq. changes tot. 400 kva; a. c. day & nt. ltg. cir. 110 v. 25 & 60 cys; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 25 & 60 cys.
City cont. 99 arcs 660 w. $69.75 per yr; all nt.
D L 2 8 25

Wrightsville Lt. & Pwr. Co. See Wrightsville.

**CONEMAUGH,** 5,046—*East Conemaugh Borough Munic. Elec. Lt. Plant; cost $65,000; bds. $20,000.
Pres. John A. Dean..........Conemaugh
V. Pres. A. L. Kauffman...... "
Sec. J. E. McCartney......... "
Treas. W. S. Shaffer......... "
¶ Mgr. Cont. Agt. Supt. & Engr.
Pwr. Sta. Wm. F. Albright. "
2 a.c. Westg. tot. 175 kw. 2400 v. 2 ph. 60 cys; 2 d. c. West. tot. 7.87 kw. 125 v; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240 v; d. c. day & nt. ltg. & mo. cir. 125 v; 270 hp. e. Skinr; 225 hp. b. Union.
36 city arcs A. B. 2000 c. p. $50 per yr; 18 city Tung. 80 c. p. $20 per yr; all nt; coal $1.75.
C D L S 2 22

Citizens Lt., Ht. & Pwr. Co. See Johnstown.

East Taylor Lt. & Pwr. Co.
Pres. Howard Davis..........Conemaugh
*V. Pres., Sec. & Mgr.
C. B. Custer................ "
Treas. M. O. Davis........... "
(Not yet in operation; will purchase energy.)
L 125

**CONFLUENCE,** 890—Munic. Elec. Lt. Plant; cost $9,200; bds. $2,700, 5 p. c. int.
¶ Pres. of Council, M. E. Goller
Confluence
*Sec. of Council, Orville Fike.. "
Treas. of Council, R. E. Black.. "
Ch. Engr. J. H. Weaver, Sr.... "
Ch. Elecn. Floyd Frantz....... "
1 a. c. Warren 60 kw. 2200-110 v. s. ph. 60 cys; no day cir; 108 hp. e. Va, Mch; 125 hp. b. Gem City.
L S 1 ✢ ★16

**CONNEAUTVILLE,** 867—Eckels Lt., Ht. & Pwr. Co.; cap. $15,000; bds. $15,000; cost $42,000.
Pres. Henry G. Glass......Conneautville
V. Pres. M. J. Eckles...... "
*Sec., Treas. & Mgr.
Frank C. Eckels........... "
Purchases energy from Peoples Incandescent Lt. Co., Meadville; trans. volt. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 98 tung. 40 c. p. $14.50 per yr; 1 A. M.
D L 3 ✢ 125

**CONNELLSVILLE,** 12,845—The West Penn Elec. Co. For executive officers, see Pittsburg.
Supt. G. E. Brown..........Connellsville
6 a.c. West. 9250 kw. 22,000-2200 v. 2 ph. 60 cys; a.c. day ltg. cir. 114 v; d. c. ltg. cir. 500 v; a. c. mo. cir. 220 v; 4,500 hp. e. Allis C., West; 9500 hp. steam turb. West; 7480 hp. b. Frmn Bonus; 320 kw. hr. stor. bat. Gould.
City cont. 109 arcs 600 watt $65 per yr; 10 incs. 16-32-40 c. p. $16, $18, $24 per yr; all nt; slack. (Also lts. So. Connellsville and Dawson.)
C D L S 2 94

**CONSHOHOCKEN,** 7,480 — Counties Gas & Elec. Co. See Norristown.
3 a. c. West, G. E. 320 kw. 2300 v. s. ph. 133 cys; 1 d. c. West. 150 kw. 550 v; 1 arc mch. Brush 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 550 v; 350 hp. e. West, Stearns; 300 hp. b. Bates.
City cont. 70 arcs enc. series 6.6 amp. $75 per yr; 112 inc. series 24 c. p. $15 per yr; all nt; coal $2.70. (This sta. also lts. W. Conshohocken, Lower Merion Township, Whitemarsh Township and Plymouth Township.)
C D L S 1 ✢ 35

**CONWAY,** 1,483—Inter-Borough Elec. Co. See Ambridge.

**COPLAY,** 2,670—Lehigh Valley Lt. & Pwr. Co. See Catasauqua.

**CORAOPOLIS,** 5,252—Coraopolis Borough Elec. Lt. Dept.; cost $50,000; bds. auth. $30,000.
Pres. Dr. E. M. Iland..........Coraopolis
¶Sec. W. E. Cain .............. "
Treas. W. H. Adkins.......... "
*¶ Cont. Agt. & Supt.
Geo. W. Scott................ "
Ch. Engr. A. C. Bailey......... "
Asst. } W. M. Stanton........ "
Engrs. } C. O. Warren.......... "

3 a. c. C-W, tot. 450 kw. 2300-220 v. 3 ph. 60 cys; 2 rect. West. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 500 hp. e. (gas) Bckye S. & W.

108 city arcs 4 & 6.6 amp. $65 per yr; 6000 incs. 8 cts. per kw; all nt; gas 10 cts.
D G L 3 25

**CORRY,** 5,991—Corry City Elec. Lt. Co. Office, 36 No. Center St. (Controlled by Interstate Elec. Corp.); cap. outstg. $21,000; bds. $11,500.
¶Pres. & Mgr. B. E. Waltz.........Corry
V. Pres. J. G. Jackson..New York, N. Y.
Sec. R. W. Baker..............Union City
Treas. A. E. Fitkin
141 B'way, New York, N.Y.
Audr. G. G. Sloan
141 B'way, New York, N. Y.
Engr. Pwr. Sta. Frank Bates....... Corry

Energy purchased from Erie Ltg. Co; 3 transf. West. tot. 375 kw; 3 a. c. G. E. Bull. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 rect. West. 25 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 500 hp. e. Sknr, Noye; 500 hp. b. Phoenix, Penn; stm. plant held in reserve.

City cont. 25 arcs magn. $52.20 per yr; 160 series incs. 60 c. p. $13 per yr; all nt; coal $2.30.
D L S 3 ✠ ★26

**COUDERSPORT,** 3,100—Home Elec. Co.; cap. $10,000; bds. $4,000.
Pres. M. J. Potter...........Coudersport
Sec. A. B. Mann............. "
*¶ Treas., Mgr., Cont Agt.
& Supt. D.B. Belknap..... "
Engr. Pwr. Sta. L. G. Ligman "

2 a. c. West. tot. 130 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110-115 v; 300 hp. e. (gas) West.

City cont. 28 arcs Brush 2000 c. p. $75 per yr; all nt; gas 25 cts.
G L 1 ✠ 75

**COURTDALE,** 1,000—Luzerne County Gas & Elec. Co. See Plymouth.

**CRAFTON,** 4,583 — Duquesne Lt. Co. See Pittsburg.

**CRESSON,** 2,500—Cresson Elec. Lt. Co. (Controlled by the Penna. Coal & Coke Co.); cap. outstg. $10,000; no bds.
Pres. T. H. Watkins... } 17 Battery Pl.,
Sec. & Treas. } New York, N.Y.
A. G. Edwards........ " "
*Audr. C. H. Memory ... " "
¶ Pur. Agt. S. W. Clark..........Cresson
Ch. Engr. A.J. Varrelmann...... "

Purchases energy from Penn Central Lt. & Pwr. Co.; 44 transf. tot 250 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. ph. 60 cys.

City cont. 21 arcs 500 watt $60 per yr; all nt. (Co. lts. Cresson and Sankerton Boroughs.)
D L 1 125

**CURWENSVILLE,** 2,549—Penn Public Service Co. See Clearfield.

**DALLASTOWN,** 1,884—Edison Lt. & Pwr. Co. Sec York.

2 transf. West. tot. 500 kw; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 116 v. 3 ph. 60 cys.

City cont. 122 series tung. 50 w. $24 per yr; all nt.
D L 3 ✠ 16

**DALTON,** 767—Scranton & Binghamton R. R. Co. Office, 516 Trader's National Bank Bldg., Scranton. Gen. sta., Dalton. (Has assumed the lease formerly held by the Scranton & Binghamton Traction Co. and controls Binghamton (N.Y.) Ry. Co.); cap. $250,000; bds. issued $6,000,000.
Pres. A. J. Connell..............Scranton
V. Pres. F. W. Wollerton....... "
Sec. & Treas. F. W. Ogden..... "
Mgr. R. W. Day................ "
*Audr. Jas. J. Moffat........... "
¶Supt. R. L. Koehler.............Dalton
Ch. Engr. T. L. Dougherty........ "
Engr. Pwr. Sta. Wm. Watkins.... "

3 a. c. West. tot. 1550 kw. 370 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir; 750 kw. (stm.) turb. West; 1600 hp. e. H. O. & R; 2000 hp. b. Heine, Franklin; trans. volt. 16,500 v; 10 transf. West. tot. 1350 kw; 6 rotary converters West. tot. 1800 kw; 1 mo. gen. West. 100 kw.

City cont. all nt; coal 85 cts. (Also lts. Clarks Summit, Factoryville, Glenburn, Laplume and Waverly, and sells energy in bulk to the Nicholson Lt., Ht. & Pwr. Co. and the Abington Elec. Co.)
D R S 3 ★125

**DANIELSVILLE,** 1,000—Blue Ridge Trac. Co.; cap. $200,000; bds. $50,000.
Pres. J. K. Hower............Danielsville
Sec. H. H. Hower............ "
*¶ Treas. Mgr. Cont. Agt. & Supt.
C. C. Marsh................ "
Elec. Engr. R.F.Bartholomew "

Energy purchased from Lehigh Valley Transit Co.

City cont. 25 incs. 32 c. p.
R 125

**DANVILLE,** 7,517 — Munic. Elec. Lt. Plant; cost $38,385.
*Sec. H. B. Patton................Danville
Supt. & Ch. Elecn. Newton Smith "

2 a. c. Warren, Bull tot. 250 kw. 3300-110 v. s. & 2 ph. 60 cys; no day cir; 415 hp. e. Watertn, Allis-C; 475 hp. b. Bab. & W, Erie.

108 city arcs series 6.6 amp. $48 per yr; 35 series Mazda 80 c. p. $15 per yr; all nt; coal $2.50.
L S 1 2 22

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Columbia & Montour Elec. Co. See Bloomsburg.

**DARBY,** 6,305—Delaware County Elec. Co. See Lansdowne.

**DAWSON,** 848—The West Penn Elec. Co. For executive officers, see Pittsburg.

Energy from Connellsville; 1 G. E. 50 lt. arc tub-transformer; 3 a. c. West. 225 kw. 22,000-2200-110 v. 2 ph. 60 cys; a. c. day cir. 2200-110 v; d. c. pwr. cir. 550 v.

City cont. 17 arcs 600 watt, $65 per yr; 6 com. arcs 2000 c. p. $60 per yr; all nt.
D L 2 ✠ 94

**DELTA,** 881—Delta Elec. Pwr. Co. Pwr. plant at Peachbottom; cap. $30,000; bds. $15,000.
Pres. H. E. Ahrens...............Reading
V. Pres. J. S. Ahrens............ "
¶ Sec. & Mgr. Edw. D. Ruth ...Lancaster
Treas. R. B. Kinsey...............Reading
*Supt. & Engr. Pwr. Sta.
Chester L. Kimball ...............Delta

1 a. c. S. K. C. 375 kw. 6000-400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 500 v; 600 hp. turb. Smith. (Co. also lts. Cardiff, Md.)
D L W 2 75

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Delta Wtr. Pwr. Co.; cap. $27,000; bds. $20,000.

¶ Pres. & Mgr. J. H. Stubbs..........Delta
V. Pres. S. J. Barnett.................. "
*Sec. A. J. Matson...................... "
Treas. E. W. Keyser.................... "
Engr. Pwr. Sta. W. Fox (R. F. D.).. "
2 a. c. West. 165 kw. 6600-500 v. 3 ph. 60 cys; 300 hp. turb. (wtr.) Smith.
Sells energy in bulk.
T W 3 23

**DENVER**, 933—North Lancaster County Elec. Co.; cap. $18,540; bds. $20,300.
*Pres. H. S. Dissler..................Denver
V. Pres. Dr. J. C. McConnell...Terre Hill
¶ Sec. Mgr. & Cont. Agt.
Geo. Root....................Reamstown
Treas. W. E. Crouse............Schoeneck
Energy purchased from Metropolitan Elec. Co.; trans. v. 7000 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v.
City cont. 100 tung, 40, 60 & 150 w. $18 & $48 per yr; all nt. (Co. also lts. Lincoln, Stevens, Schoeneck, Reamstown, Muddy Creek and Terre Hill.)
D L 1 14

**DERRY**, 2,954—The West Penn Elec Co. See Pittsburg.

**DICKSON CITY**, 9,331—Scranton Elec. Co. See Scranton.
Energy from Scranton; trans. volt. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir.
City cont. 63 arcs 6.6 amp. $60 per yr.
D L 3 26

**DILLSBURG**, 856—Dillsburg Lt., Ht. & Pwr. Co.
Pres. Mearl E. Kunkel..............Alpine
V. Pres. & Mgr. W. P. Deardorff..Dillsburg
Sec. Ira L. Heikes................ "
Treas. Jno. S. Kapp ............... "
Engr. Pwr. Sta. Lloyd Attland......Allen
1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir; 125 hp. e. H. F. & M; 150 hp. b. H. F. & M; 162 hp. wtr. wh. Leffel, Morgan Smith.
City cont. 5 arcs A. B. 55 w. $70 per yr; 32 Tung, 32 c. p. $16 per yr; all nt; coal.
D L S W 3 ✠ 16

**DIXONVILLE**, 80—Clymer Elec. Co. (Consolidation of Greene Ht., Lt. & Pwr. Co., the Clymer Lt., Ht. & Pwr. Co., the Marion Lt., Ht. & Pwr. Co., the Rayne Elec. Co. and the Brady Elec. Co.) Office, Trust Bldg., Clearfield; cap. $30,000.
Pres. Jno. S. Fisher..................Indiana
*¶Sec. Treas. & Mgr.
A. J. Musser..................Clearfield
1 a. c. Warren 160 kw. 2200 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 250 hp. e. Ridg; stm. purchased.
City cont. 10 arcs 6.6 amp. $60 per yr; 15 tung. 60 w. $24 per yr; all nt. (Co. also lts. Marion Center and Clymer.)
D L S 1 ✠ 125

**DONORA**, 8,174—The West Penn Elec. Co. See Pittsburg.

**DORRANCETOWN**, 4,046—Luzerne County Gas & Elec. Co. See Plymouth.

**DOWNINGTOWN**, 3,326—Chester Valley Elec. Co., Downingtown Dist. For officers, see Coatesville.
1 d. c. C. W. 300 kw. 550 v; a. c. day & nt. ltg. & mo. cir. 110 v. 60 cys; d. c. day & nt. ltg. & mo. cir. 550-220-110 v. 60 cys; 400 hp. e. Clark Bros; 1400 hp. b. Heine, Keeler; 1250 kw. turb. West.
City cont. 170 arcs 7.5 amp. $70 per yr; 200 incs. 40 w. $22.50 per yr; coal $2.55. (Co. also lts. East Downingtown.)
C D L S X —— 16

**DOYLESTOWN**, 3,304 — Doylestown Elec. Co. Office, 212 W. Ashland St.
Pres. Sydney L. Wright........Phila., Pa.
V. Pres. Frank Battles........... "
Sec. & Treas.
Walter T. Bilyeu.............. "
¶ Gen. Mgr. & Cont. Agt.
Gaylord Thompson.....Trenton, N. J.
*Supt. & Engr. Pwr. Sta.
A. O. Fretz..................Doylestown
2 a. c. Westg. tot. 100 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 260 hp. e. Ames; 470 hp. b. Solter, Leb, Keeler.
City cont. 51 G. E. series enclosed arcs 2000 c. p. $72 per yr; 75 incs. 40 c. p; all nt; coal.
D L S 1 2 125

**DRAVOSBURG**, 1,895—The Duquesne Lt. Co. See Pittsburg.

**DRIFTON**, 2,200—The Harwood Elec. Co. See Freeland.

**DRIFTWOOD**, 517—*L. R. Gleason & Sons. Elec. Lt. Plant.
L 23

**DROCTON.**—Renovo Edison Lt., Ht. & Pwr. Co. See Renovo.
a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 16

**DU BOIS**, 12,623—Du Bois Elec. & Trac. Co. (Including Du Bois Elec. Co.); cap. auth. $300,000; bds. auth. & outstg. $300,000, 5 p. c. int
Pres. & Mgr. Austin Blakeslee...Du Bois
Sec. M. I. McCreight.......... "
Treas. B. B. McCreight......... "
*Supt. R. B. Blakeslee......... "
Ch. Engr. Grant Doutt........ "
3 d. c. Ridg. tot. 750 kw. 550 v; 3 a. c. Ridg. G. E. tot. 1600 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v; 1165 hp. e; 1200 hp. b; 1000 kw. stm. turb.
City cont. all nt; coal $1.40. (Co. also furnishes ltg. & pwr. in Sykesville, Big Run and Falls Creek.)
C D R S 3 ✠ 16

**DUNBAR**, 1,970 — Dunbar Elec. Co. (Controlled by American Manganese Mfg. Co.): cap. $5,000.
Pres. J. N. M. Shimer...... } Bullitt Bldg.
Sec. & Treas. W. C. Harris } Philadelphia
*Gen. Mgr. Stuart B. Marshall...Dunbar
Auditor & Cont. Agt. H. Cook.... "
¶ Asst. Sec.-Treas. Reg. Palmer... "
Ch. Engr. A. Wortman............ "
Elec'n Alex. Duncan............... "
1 a. c. West. 450 kw. 2300 v. 3 ph. 60 cys; 1 d c. G. E. 100 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 600 hp. b. Rust; — hp. e. ——.
City cont. 51 arcs; coal. (Co. lts. Dunbar Boro. and vicinity and Dunbar Twp. in vicinity of Dunbar Furnace.)
C D L S 3 125

**DUNCANNON**, 1,474—Munic. Elec. Lt. Plant; cost $12,500; bds. $4,000.
Pres. Mgr. & Supt.
Geo. Carpenter.............Duncannon
V. Pres. F. E. Wase.......... "
*¶Sec. Wm. A. Holland....... "
Treas. David Boyd............ "
Engr. Pwr. Sta. Dan'l Bender "
2 a. c. West. 60 w. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 100 hp. e. H. F. & M; 150 hp. b. H. F. & M.
150 incs. series 6.6 amps. $8 per yr; moonlt; coal $600 per yr.
L S 1 82

**DUNCANSVILLE**, 1,263—Penn Central Lt. & Pwr. Co. See Altoona.
City cont. 46 incs.
L 35

**DUNLO,** 1,500—Penn Public Service Co. (Acquired, in 1915, property of Dunlo Lt., Ht. & Pwr. Co.) For officers, see Clearfield.

3 a. c. West. 245 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; 200 hp. e. Sknr, H. F. & M; 200 hp. b. Erie. (Will remodel plant.)
D L S 3 ★16w

**DUNMORE,** 17,615—Scranton Elec. Co. See Scranton.

Energy from Scranton; a. c. day & nt. ltg. cir; a. c. mo. cir. 3 ph. 60 cys.

City cont. 158 arcs a. c. enc. 480 w. $50 per yr; 11 incs. $15 per yr; all nt.
D L 3 26

**DUQUESNE,** 15,727—Duquesne Lt. Co. See Pittsburg.

**DURYEA,** 3,500—Citizens Elec. Illg. Co. See Pittston.

**EAGLES MERE,** 184—Eagles Mere Lt. Co.; cap. $35,000, bds. $50,000.
Pres. C. L. Munson........Williamsport
V. Pres. H. L. Geyelin......Philadelphia
¶ Sec. H. R. Geyelin......... "
Treas. & Mgr. R. D. Kehrer, Eagles Mere

2 a. c. West. Stan. tot. 480 kw. 2300-2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir; 462 hp. turb. wtr. A. D. Co.

City cont. 57 incs. 24 c. p. $9 per yr. all nt. (Co. also lts. Muncy Valley and Sonestown and sells energy to Citizens Elec. Lt. & Pwr. Co., Hughesville.)
D L W 2 125

**EAST BANGOR,** 1,186—Pennsylvania Utilities Co. (Energy from Bangor.) For officers, see Easton.

**EAST DOWNINGTOWN,** 1,150—Chester Valley Elec. Co. See Downingtown.

**EAST McKEESPORT,** 2,118—United Elec. Lt. Co. See Wilmerding.

**EAST MAUCH CHUNK,** 3,548—Mauch Chunk Ht., Pwr. & Elec. Lt. Co. See Mauch Chunk.

**EASTON,** 28,523—Munic. Elec. Lt. Plant; cost $54,000.
*Supt. C. A. Reese..............City Hall
Engr. Pwr. Sta. Wm. Sloan
162 So. Union St.

4 d. c. W. E. 400 lt; d. c. nt. ltg. cir; 400 hp. e; 360 hp. b. Noye.

348 city arcs West. 4 amp. $40 per yr; all nt; coal $3.15.
C L S 125

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Pennsylvania Utilities Co. (Operates pwr. plants (six) at Easton, Bangor, Stroudsburg and Nazareth.) (Controls Eastern Penna. Pwr. Co. of N. J., and in turn is controlled by The General Gas & Elec. Co.); cap. $1,628,571; bds. $5,160,500.
Pres. W. S. Barstow,
50 Pine St., New York, N.Y.
V. Pres. & Mgr. W. D. Ray.......Easton
Sec. A. B. Cheadle,
50 Pine St., New York, N.Y.
Treas. O. H. Oxford...............Easton
Audr. C. D. Hagerman............. "
Indust. Pwr. Engr. W. J. Kyle.... "
Supt. R. L. Peterman.............. "
Engr. Pwr. Sta. C. E. Pihl.......... "

EASTON STAS.:

6 a. c. G. E, West. tot. 14,425 kw. 2300 v. 2 & 3 ph. 60 cys; 2 d. c. Northn. tot. 300 kw. 550 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. day & nt. mo. cir. 110-220 v; trans. volt. 11,000 & 33,000 v. 3 ph. 60 cys; 4000 hp. b. Ster. Bab. & W; 1050 hp. e. Harrisburg; 8750 kw. turb. (stm.) West. G. E; 18,125 kw. turb. (wtr.) Smith; stm. htg; energy also purchased from Clymer Pwr. Co; 1 rot. conv. G. E. 300 kw.

City cont. 117 incs. nitrogen 300 w. 2 cts. per kw. hr; all nt; coal. (Serves Easton Bangor, East Bangor, Bath, Roseto, Wind Gap, Nazareth, Penn Argyl, Stroudsburg and E. Stroudsburg, and sells energy to Bangor & Portland Trac. Co. and Morris County Trac. Co.)
C D H N S W 2 3 ★16

**EAST PITTSBURGH,** 5,615 — Duquesne Lt. Co. See Pittsburgh.

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United Elec. Lt. Co. See Wilmerding.

**EAST STROUDSBURG,** 3,330—Citizens Gas & Elec. Co. See Stroudsburg.

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Penna. Utilities Co. (Energy from Stroudsburg.) For officers, see Easton.

**EAST TAYLOR TWNP.** — Citizens Lt., Ht. & Pwr. Co. See Johnstown.

**EAST VANDERGRIFT,** 2,200—Vandergrift Elec. Lt. & Pwr. Co. See Vandergrift.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. ph. 60 cys.
D L 1 16

**EBENSBURG,** 1,987—Ebensburg Lt., Ht. & Pwr. Co.; cap. auth. & pd. in $50,000.
Pres. Chas. S. Evans..........Ebensburg
V. Pres. J. W. Leech.......... "
Sec. & Audr. F. J. Hartman.. "
Treas. A. W. Buck ...... . "
*¶ Gen. Mgr. & Cont. Agt.
E. F. Craver................. "

1 d. c. 40 kw. 125-250 v; 2 a. c. West. tot. 300 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys; d. c. day & nt. mo. cir. 125-220 v; 400 hp. e. Skinr; 600 hp. b. Heine.

City cont. 26 arcs 2000 c. p. $75 per yr; 18 incs. 32 c. p. $18 per yr; all nt; coal. (Also lts. Loretto.)
C D L S 1 2 3 ✛ ★125

**EDGEWOOD,** 2,596 — Duquesne Lt. Co. See Pittsburg.

**EDGEWORTH,** 3,800—Inter-Borough Elec. Co. See Ambridge.

**EDWARDSVILLE,** 8,407 — Luzerne County Gas & Elec. Co. See Plymouth.

**ELIZABETH,** 2,311—The West Penn Elec. Co. See Pittsburg.

**ELIZABETHTOWN,** 2,587 — Edison Elec. Co. See Lancaster.

3 transf. West. 300 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo cir. 220 v. 3 ph. 60 cys.

City cont. 101 incs. 40 w. $13.50 per yr; all nt. (Also serves Marietta.)
D L 3 25

**ELIZABETHVILLE,** 1,039 — Lykens Valley Lt. & Pwr. Co. See Tower City.

**ELK LICK,** 1,000—Citizens' Lt., Ht. & Pwr. Co.; cost $12,500; no bds.
Pres. Harvey Manst........... Elk Lick
*Sec. & Treas. A. Reitz......... "

1 a. c. War. 100 kw. 2200 v. s. ph. 60 cys; 150 hp. e. Erie; 150 hp. b. Erie.

City cont 10 enc. arcs $55 per yr; 22 incs. 32 c. p. $16.20 per yr; all nt; coal $1.25.
L S 1 103

**ELLIOTT,** 3,345 — Duquesne Lt. Co. See Pittsburg.

**ELLWOOD CITY,** 3,902—Pennsylvania Power Co. (In 1915, purchased by Mahoning & Shenango Ry. & Lt. Co., which is controlled by Republic Ry. & Lt. Co., New York, N. Y.); cap. $400,000; bds. $168,000.
Pres. R. P. Stevens......Youngstown, O.
V. Pres. J. F. Wessel.... "
*Sec. A. E. Dedrick....... "
Treas. E. G. Dunlap..... "
Gen. Mgr. & Cont. Agt.
J. W. Disbrow........Ellwood City
Engr. Pwr. Sta. Fredk. Kaatz "

4 a. c. Allis-C, W. E. tot. 2250 kw. 2300 v. 3 ph. 60 cys; trans. 11,000 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 115-112 v. 60 cys; a. c. mo. cir. 440-220-110 v. 3 ph. 60 cys; 1000 hp. turb. Allis-C; 750 hp. b. Stir; 1000 hp. wtr. wh. Smith.

Coal $1.90. (Co. furnishes energy to Ellwood City, Boro. of West Pittsburg, Boro. of Wampum and Zelienpole Lt. & Pwr. Co.)

D L S W 3 125w

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Munic. Elec. Ltg. System; cost $18,000; bds. $1,000.
Pres. Bd. J. Jay Dunn......Elwood City
Sec. E. B. Moyer............ "
Treas. H. W. Phelps........ "
*Supt. Wm. Freidhoff....... "

Purchases energy from Penna. Pwr. Co.; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 63 city arcs.

D L X 75

**EMAUS,** 3,501 — Lehigh Valley Lt. & Pwr. Co. See Allentown.

**EMPORIUM,** 2,916—Munic. Elec. Lt. Plant; cost $17,000.
*Mgr. R. C. Brown..............Emporium
Ch. Engr. T. H. Newton....... "

2 a. c. Ridg. tot. 175 kva. 2200 v. 2 ph. 60 cys; a. c. ltg. cir. (16 hr.) 110 v; a. c. mo. cir. (16 hr.) 220 v. 2 ph. 60 cys; 225 hp. e. (gas) B & Mac.

47 city incs. 400 c. p; all nt; gas 15 cts.

D G L 2 ✠ 45

**ENOLA,** 1,350—The United Elec. Co. See Lemoyne.

**EPHRATA,** 3,192 — Munic. Elec. Lt. Plant; cost $27,000; bds. $7,000.
Pres. Bd. H. M. Sprecher........Ephrata
Burgess, J. D. Martin............ "
*Sec. T. C. Reddig................ "
Mgr. & Supt. S. L. Sharp......... "
Engrs. Lemon Gockley....... "
Pwr. Sta. J. H. Kilhafner....... "

2 a. c. West. G. E. tot. 160 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. ph. 60 cys; 215 hp. e. H. & T, A. & S.; 300 hp. b. Gem, Coatesville.

38 city arcs West. series 7.5 amp. $50 per yr; 10 incs. series 100 c. p. 7.5 amp; all nt; coal $2.75.

D L S 1 3 14

**ERIE,** 70,000 — Erie County Elec. Co. (Consol. of Erie County Elec. Co., & Edison Elec. Lt. & Pwr. Co. of Erie): two gen. stas; cap. outstg. $400,000; bds. $1,000,000.
Pres. C. H. Strong....................Erie
V. Pres & Sec. S. C. Walker........ "
¶Treas. & Cont. Agt. T. G. O'Dea... "
*Supt. E. L. Gilchrist................ "

7 d. c. arc G. E. 120 lt; 8 d. c. G. E. tot. 2270 kw. 115 v; 5 a. c. G. E. tot. 6250 kw. 2200 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 115 v; a. c. day & nt. ltg. & mo. cir. 115 v. 60 cys; 5100 hp. e. Brown. (Cor.) Erie. F. & S; 5000 kw. stm. turb. G. E; 4560 hp. b. Bab. & W.

City cont. 700 arcs 6.6 amp. $65.70 per yr; all nt; slack $1.40.

C D L S 3 ✠ 25

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The Erie Ltg. Co.
Pres. & Treas. E. D. Carter ...........Erie
*V. Pres. & Mgr. Fred. B. Hofft..... "
Sec. & Audr. F. Milward-Oliver...... "
Engr. Pwr. Sta. G. Greig............. "

4 a. c. G. E. tot. 8500 kw. 2300 v. 3 ph. 60 cys; 2 d. c. tot. 450 kw. 250 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 2800 hp. b. Erie, Bab. & W; 8500 kw. stm. turb. G. E; also stm. htg; coal $1.90. (Co. also lts. Wesleyville, Lawrence Park and North East, and sells energy to Corry City Elec. Lt. Co., Union City Elec. Lt. Co. and Waterford Elec. Lt. Co.)

C D H L S 3 ✠ 16

**ESPLEN,** 2,364—The Duquesne Lt. Co. See Pittsburg.

**ETNA** (R. D. Allegheny), 5,830—Munic. Elec. Lt. Plant; cost $105,000.
*Supt. H. A. Stoll....................Etna

3 a. c. W. E. 350 kw. 2400 v. 2 ph. 60 cys; 2 W. E. rect. 100 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; 530 hp. e. Ridge; 525 hp. b. Erie.

83 enc. arcs 6.6 amp. $70 per yr; all nt; coal $1.90.

D L S 2 72

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Butler County Lt. Co. See Butler.

**EVERETT,** 1,725—Everett Lt., Ht. & Pwr. Co.
Treas. H. G. Frederick.......Millersburg
*Mgr. J. A. Covalt..................Everett
¶ Cont. Agt.
Frederick & Bradenbaugh..Millersburgh
Ch. Engr. J. S. Eichelberg.........Everett

2 a. c. G. E. tot. 270 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 106 v; 319 hp. e. Buffalo, Hewes, Cor; 250 hp. b. Erie City, Bigelow.

City cont. 80 Mazdas series 6.6 amp. $10.25 per 25 c. p; all nt; coal $2.11.

L S 1 ✠ 25

**EVERSON,** 1,759—The West Penn Elec. Co. See Scottdale.

**EXETER,** 3,537—Citizens' Elec. Illg. Co. See Pittston.

**FAIRCHANCE,** 2,000—The West Penn Elec. Co. See Pittsburg.

**FALLS CREEK,** 1,204—Du Bois Elec. Co. See Du Bois.

**FARWELL.**—Renovo Edison Lt., Ht. & Pwr. Co. See Renovo.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 16

**FAYETTE CITY,** 2,005 — The West Penn Elec. Co. See Charleroi.

**FLEETWOOD,** 1,394 — Fleetwood & Kutztown Elec. Lt., Ht. & Pwr. Co. See Kutztown.

**FLEMINGTON,** 1,022 — Lock Haven Elec. Lt. & Pwr. Co. See Lockhaven.

**FORD CITY,** 4,850—*Munic. Elec. Lt. Plant; cost $28,800; bds. $4,000.
Mgr. & Supt. W. H. Ellis ......Ford City
Engr. Pwr. Sta. S. F. Wayman.. "

1 a. c. West. 100 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 125 hp. e. (gas) West.

80 city Mazdas 6.6 amp; gas 15 cts.

D G L 1 113

**FOREST CITY,** 5,749—Scranton Elec. Co. See Scranton.
Trans. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 11 inc. series 350 c. p. $70 per yr; 34 inc. series 40 w. $20 per yr; all nt. (Also lts. Vandling.)
D L 1 3 26

**FORTY FORT,** 2,353—Luzerne County Gas & Elec. Co. See Plymouth.

**FRACKVILLE,** 3,118 — Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.
1 arc G. E. 50 lt; 2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. & 3 ph. 60 cys; 560 hp. e. Frick, Harrisbg; 530 hp. b. Erie, Ferguson, Bab. & W.
City cont. 69 magn. arcs 320 w. $60 per yr; 3 tung. 40 w. $18 per yr; all nt; coal 90 cts. and $1.50. (This plant also lts. Gilberton & Girardville.)
L S 1 3 ✢ 26

**FRANKLIN,** 10,102 — Franklin Elec. Co.; cap. outstg. $200,000; bds. $47,700.
Pres. B. H. Osborne..............Franklin
*¶Sec. & Mgr. B. F. Ott.......... "
Treas. O. D. Bleakley............ "
7 a. c. G. E. tot. 1000 kw. 2200 v. 3 ph. 60 cys; 2 G. E. rect. 200 lt.; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1200 hp. e. (gas) West.
City cont. 143 arcs luminous 4 amp. $63.45 per yr; 46 inc. series 60 c. p. $21 per yr; gas 30 cts. per M.
D G L 3 ✢ 125

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Citizens Lt., Ht. & Pwr. Co. See Johnstown.

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Middleburg Lt., Ht. & Pwr. Co. See Middleburg.

**FRAZER,** 150—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from West Chester.
a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
C D L 3 26

**FREEDOM,** 3,060—Beaver County Lt. Co. See New Brighton.

**FREELAND,** 6,197—The Harwood Elec. Co. For executive officers, see Hazleton.
Supt. H. Chamberlain...........Freeland
Energy from Hazleton; 3 transf. G. E. tot. 900 kw; 2 rect. West. 100 lts; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 10 amp. stor. bat. E. S. B. 120 v.
City cont. 52 arcs West. metallic flame, 2000 c. p. $60 per yr; all nt. (Also lts. Drifton and So. Herberton.)
D L 3 ✢ 16

**FREEPORT,** 2,248—West Penn Lt. & Pwr. Co. See Leechburg.

**GALLITZIN,** 3,504—Gallitzin Elec. Lt. Co. Office, Cresson. (Controlled by Penna. Coal & Coke Co.); cap. outstg. $50,000; bds. $25,000.
Pres. T. H. Watkins
17 Battery Pl., New York, N. Y.
Sec. & Treas.
A. G. Edwards ........ " "
*Andr. C. H. Memory.... " "
¶Pur. Agt. S. W. Clark ...........Cresson
Ch. Engr. A. J. Varrellmann..... "
Energy purchased from Penn Central Lt. & Pwr. Co.; Pitts transf.: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 3 ph. 60 cys; d. c. mo. cir. 250 v.
City cont. 26 arcs. G. E. 500 w. 6.6 amp. $60 per yr; 6 incs. 40 w. $20 per yr; all nt. (Lts. Gallitzin and Tunnel Hill Boroughs.)
C D L 3 125

**GARRETT,** 848—Garrett Elec. Lt., Ht. & Pwr. Co. (Controlled by Meyersdale Elec. Lt., Ht. & Pwr. Co., which see for officers.
Energy from Meyersdale; 10 transf. West, G. E. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 ✢ 16

**GETTYSBURG,** 4,030—Gettysburg Ltg. Co. (Controlled by Gettysburg Ry. Co.); cap. $50,000; bds. $50,000.
Pres. H. M. Vancourt,
4th & Market Sts., Phila.
¶ Sec. & Treas. C. Taylor Leland,
Land Title Bldg., "
*Gen. Mgr. T. P. Turner, Gettysburg
Engr. Pwr. Sta. John Shellman "
2 a. c. West. tot. 240 kw. 2200 v. s. ph. 60 cys; 2 d. c. West. tot. 275 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. ph. 60 cys; st. ry. cir. 550 v; 450 hp. e. Frick; 400 hp. b. Frick.
City cont. 4 incs. 250 c. p; 33 incs. 100 c. p; 47 incs. 80 c. p; 44 incs. 60 c. p; moonlt; all nt; coal $2.55.
C D L S 1 25

**GILBERTON,** 5,401—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

**GIRARD,** 1,165—Munic. Elec. Lt. Plant; cost $12,000.
Ltg. Com. Pres. Wm. Wingert..Girard
*Frank E. Wood.... "
J. D. Murray......... "
Wm. Schafer......... "
Treas. Nat. Bank...................... "
¶ Pur. Agt. H. S. Foye............. "
Ch. Engr. & Ch. Elecn. T. H. McElroy.......................... "
2 a. c. S. & H, Burke tot. 175 kva. 1100-113 v. s. ph. 60 cys; day & nt. cir; 305 hp. e. Sknr; 200 hp. b. Erie.
315 city incs. 16 & 32 c. p; all nt.
D L S 1 23

**GIRARDVILLE,** 4,396—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

**GLEASONTON,** 500 — Renovo Edison Lt., Ht. & Pwr. Co. See Renovo.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 16

**GLEN CAMPBELL,** 1,099—Cush Creek Lt. & Pwr. Co. (Successor to Giant Elec. Lt., Ht. & Pwr. Co); cap. outstg. $25,000.
Pres. S. M. Houston......Glen Campbell
¶ Sec. & Treas.
W. H. McQuilken....... "
*Mgr. Warren Partridge.........Clearfield
Supt. J. B. Leinbach......Glen Campbell
3 a. c. G. E. tot. 733 kw. 2300 v. 3 ph. 60 cys; 750 hp. e. Sknr, Nord; 600 hp. b. Virginia, Baker.
City cont. 21 arcs 6.6 amp. $60 per yr; all nt; coal $1.50. (Co. also lts. Burnside, Arcadia & Gipsy.)
L S 2 ✢ ★16

**GLENLOCH,** 186—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from West Chester; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
C D L 3 26

**GLENOLDEN,** 1,157—Delaware County Elec. Co. See Lansdowne.

**GLEN ROCK,** 1,400—Glen Rock Elec. Lt. & Pwr. Co.; cap. $15,000.

Pres. E. B. Keeler..............Glen Rock
Sec. & Treas. M. L. Kapp...... "
*Mgr. H. A. Koller............ "

2 d. c. G. E. 640 amp. 115 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir; 200 hp. e. H. F. & M, Ames; 210 hp. b. Erie.

City cont. 4 arcs 150 c. p; 60 incs. 45 c. p. $14 per yr; all nt.

C D L S 75

**GLENSIDE,** 2,500—Philadelphia Suburban Gas & Elec. Co. See Wyncote.

**GRAMPIAN,** 600—Penn Public Service Co. See Clearfield.

City cont. 9 arcs a. c. enclosed 1200 c. p. $75 per yr; 7 Mazdas 60 c. p. $24 per yr; all nt.

L 16

**GRASSFLAT,** 1,000—Penn Public Service Co. See Clearfield.

**GREENCASTLE,** 1,919 — Greencastle Lt., Ht., Fuel & Pwr. Co.; cap. $10,000; bds. $15,000.
¶ Pres. & Gen. Mgr.
J. G. Schaff..............Chambersburg
*Sec. Treas. & Supt.
F. D. Mickey............ "

1 a. c. C-W 50 kw. 2300 v. 2 ph. 60 cys; pwr. cir. 220-110 v; 100 hp. e; 85 hp. b. Erie City.

City cont. 4 Nernst $50 per yr; 50 incs. 60 w. $18 per yr; 12.30 A.M.; coal. (Erecting transf. sta. and will establish 24-hr. service.)

L S 2 125†

**GREENSBURG,** 14,687—Westmoreland Elec. Co. Office, Greensburg. (Controlled by West Penn Trac. Co.)
Pres. Williston Fish.............Pittsburg
V.Pres. & Gen. Mgr. ——— "
Sec. & Treas. H. S. Swift....... "
Sales. Mgr. Thos. S. Henderson "
¶ Pur. Agt. H. E. Burns......... "
Supt. Wm. Snite..............Greensburg

Energy purchased from West Penn. Rys. Co. 22,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s, 2 & 3 ph. 60 cys.

City cont. 77 G. E. enc. arcs 7.5 amp; 450 tungs. 32-40-60-80 & 200 c. p. (Also lts. So. W. Greensburg, So. E. Greensburg, Irwin, Jeannette, Manor and Youngwood.)

D L 1 2 3 75w

**GREENVILLE,** 5,909—Mercer County Lt., Ht. & Pwr. Co. (Successors to Greenville Elec. Lt., Ht. & Pwr. Co.) Office Canal & Clinton Sts.
Pres. A. H. Baughman.........Greenville
*Treas. & Supt. L. G. Lanning "
Engr. Pwr. Sta., Wm. F. Jaxtheimer "

1 d.c. arc Brush 80 lt; 4 d. c. Ed, G. E. 220 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. pwr. cir. 220 v; 300 hp. e. Bckye, Rus; 600 hp. b. Stir, Erie; also stm. htg.

City cont. 64 arcs A. B. 6.6 amp. $70 per yr; 9-100 c. p. Mazda $54 & 6-32 c. p. $18 per yr; moonlt; coal. (Co. also lts. Mercer and Jamestown.)

C D H L S ✠ 24

**GROVE CITY,** 3,674—*Munic. Elec. Lt. Plant.
¶Mgr. John S. Ekey..........Grove City
Engrs. Pwr. Sta. { Clarence C. Beatty. "
H. L. Hunt....... "

3 a. c. West. G. E. tot. 275 kw. 2200 v. 3 ph. 60 cys; 3 rectifiers West. 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 415 hp. e. gas Bessemer.

73 city arcs West. 4 amp. $45 per yr; 32 series incs. 100 c. p; all nt; gas 30 cts; will install 52 3-lt. stds.

D G L 8 ★125

**GWYNEDD TWNP.** — Philadelphia Suburban Gas & Elec Co. See Philadelphia.

Energy from Wyncote.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo cir. 220 v. 3 ph. 60 cys.

D L 3 26

**HALLSTEAD,** 1,538 — Susquehanna County Lt. & Pwr. Co. See Susquehanna.

**HAMBURG,** 2,301—Hamburg Gas & Elec. Co.; cap. $20,000; bds. $125,000.
Pres. D. S. Wolfe.......Shoemakersville
V. Pres. G. E. Alleman. "
Sec. A. A. Baver......... "
Treas. H. R. Schollenberger....Hamburg
*Mgr. E. R. Schollenberger...... "
¶Cont. Agt. & Supt.
A. J. Althouse................ "
Engr. Pwr. Sta. H. Kummener.. "

2 a. c. West. tot. 400 kw. 2200 v. 3 ph. 60 cys; 1 rectifier West. 35 lts; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Erie, Ball; 710 hp. b. Keeler, Heine; trans. volt. 6600 v. 3 ph.

City cont. 27 arcs metallic, 4 amps. $80 per yr; 24 inc. street series 80 c. p. $45 per yr; all nt; coal $1.25. (Also lts. Shoemakersville, Mohrsville, Dauberville, West Leesport, East Leesport and Centerport.)

D L S 3 ✠ 125

**HANOVER,** 7,057—Hanover Lt., Ht. & Pwr. Co. (Operated by United Service Co., Scranton); cap. auth. $38,000; bds. $6,000.
Pres. James A. Linen...........Scranton
W. Pres. J. E. Weisenfluh....... "
Sec. & Treas. F. B. Atherton... "
*¶Mgr. W. C. Hepperle..........Hanover
Engr. Pwr. Sta. Jas. E. Dick... "

3 a. c. West. G. E. tot. 770 kw. 2200 v. 2 ph. 60 cys; 1 d. c. G. E. 300 kw. 550 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 220 v; 1350 hp. e. Clark, Newberg, L. & B; 750 hp. b. Keeler.

City cont. 92 arcs West. metallic flame 2000 c. p. $70 per yr; all nt; coal. (Co. also lts. Littlestown and McSherrystown.)

C D L S 2 ✠ ★125

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Lehigh Valley Lt. & Pwr. Co. See Allentown.

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Luzerne County Gas & Electric Co. See Plymouth.

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Wilkes-Barre Co. See Wilkes-Barre.

**HARRISBURG,** 64,186 — Harrisburg Lt. & Pwr. Co. Office, 22 N. 2nd St. (Controlled by United Gas & Elec. Corpn. of Conn.); cap. $3,000,000; bds. $2,985,000.
Pres. Geo. Bullock
61 Broadway. New York, N. Y.
V. Pres. George B. Tripp " "
Sec. & Treas. Harry W. Stone..Harrisburg
Mgr. C. M. Kaltwasser....... "
Com. Mgr. Pressley H. Bailey "
Supt. L. L. Ferree............ "
Engr. Pwr. Sta. W. H. Hoffman "

2 a. c. West. tot. 800 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 840 kw. 230 v; 11 arcs mch. & rect. tot. 1575 lts; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. & d. c. day & nt. mo. cir. 230 v; 2550 hp. e. F. & M, Erie, McI. & S; 3000 kw. stm. turb. West, G. E; also purchase energy from York Haven Wtr. & Pwr. Co.; 3 transf. Wag. 6600 kw; also stm. htg.

City cont. 663 magn. arcs. 4 amps. $58.95 per yr; 52 arcs Form 10 6.6 amp. $98.60 per yr; 70 5-lt. clusters 100 c. p. $91 per yr; 75 incs. 100-60 & 32 c. p. $24, $22 & $20 per yr; 129 incs. 100 w. $20 per yr; all nt; coal $1.08. (Co. also lts. Steelton, Dauphin, Penbrook, Highspire, Oberlin and Enhaut.)

C D H L S 3 ★36w

**HASTINGS,** 2,125—Hastings Electrical Co. Office, Cresson. (Controlled by Penna. Coal & Coke Corp.); cap. outstg. $3,000; no bds.
Pres. T. H. Watkins
17 Battery Pl., New York, N. Y.
Sec. & Treas.
A. G. Edwards.......... “ “
*Audr. C. H. Memory.... “ “
¶Pur. Agt. S. W. Clark..........Cresson
Ch. Engr. A. J. Varrelmann......... “

Energy purchased from Penn Central Lt. & Pwr. Co.; 15 transf. Pitts. tot. 75 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys. (Lts. Hastings Borough.)

D L 1 125

**HATBORO,** 963—Philadelphia Suburban Gas & Elec. Co. See Philadelphia. Energy from Wyncote.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**HAUTO,** 75—Lehigh Navigation Elec. Co. Office, Lafayette Bldg., Phila.; pwr. plant, Hauto.
Pres. S. D. Warriner.........Philadelphia
V. Pres. R. H. Wilbur...... “
V. Pres. & Sec. H. F. Baker.. “
*Treas. H. H. Pease.......... “
Compt. E. M. Reynolds..... “
Audr. P. B. Pope............ “
Gen. Mgr. J. S. Wise, Jr.........Hazleton
Coml. Mgr. F. S. Smith....So. Bethlehem
¶Pur. Agt. E. Hughes......Philadelphia

3 a. c. G. E. tot. 37,500 kw. 11,000 v. 3 ph. 25 cys; 37,500 hp. turb. (stm.) G. E; 8,352 hp. b. Bab. & W; trans. volt. 110,000 v. 3 ph.

Coal. (Sells energy in bulk to Mauch Chunk Ht., Pwr. & Elec. Lt. Co., Panther Valley Elec. Co. (Lansford) and others.)

S T 3 25

**HAVERFORD,** 3,989—Counties Gas & Elec. Co. See Wayne.

**HAWLEY,** 2,018—Paupack Elec. Co.; cap. $100,000; bds. auth. $35,000.
Pres. Fred. C. White..............Hawley
¶V. Pres. & Mgr. Dr. L. P. Cooke “
Sec. & Treas. V. A. Decker......... “
*Supt. & Ch. Elecn. J. Earl Uban. “

3 a. c. West. 525 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. A. & S; 300 hp. turb. (wtr.) Trump; 300 hp. b. Keeler.

City cont. 140 st. series incs. 25 c. p. tot. $1,200 per yr; all nt; coal $2.25.

D L S W 2 ✠ 25

**HAYS,** 2,500—Duquesne Lt Co. See Pittsburgh.

**HAZLETON,** 25,452 — The Harwood Elec. Co., 805-814 Markle Bank Bldg. (Pwr. sta. at Harwood Mines; sub-sta. at Hazleton.) (Controls The Schuylkill Gas & Elec. Co.); cap. $3,688,000; bds. $3,100,000.
Pres. S. D. Warriner...... } 437 Chestnut
V. Prests. { R. H. Wilbur.. } St., Phila.
H. F. Baker..... “
*Sec. Henry Lodge.......... “
Treas. H. H. Pease.......... “
Asst. Sec. Robt. V. Pierce.. “
Asst. Treas. O. E. Neff...... “
Gen. Mgr. Jno. S. Wise, Jr......Hazleton
Com. Mgr. Chas. Hodge.... “
Audr. C. J. Hill............ “
¶Pur. Agt. E. Hughes
437 Chestnut St., Phila.
Engr. Pwr. Sta.
Jno. B. Macfarlane............Lansford

4 a. c. G. E. tot. 15,000 kw. 11,000 v. 3 ph. 60 cys; 6 rect. West. tot. 300 lt; 9 trans. v. 11,000-25,000 v; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v; d. c. day & nt. mo. cir. 220 v; 15.000 hp. stm. turb. G. E; 9750 hp. b. Bab. & W; 10 amp. stor. bat. E. S. B. 120 v.

Hazleton Sub-Sta.—Energy from Harwood, 9 transf. West. tot. 4500 kw; 2 mo. gen. West. tot. 300 kw.

City cont. 28 arcs G. E. a. c. and 249 arcs West. metallic flame d. c. 4 amp. $55 per yr; all nt. (Co. also serves W. Hazleton, Harleigh, Lattimer Mines, Milnesville, Stockton, Beaver Meadow, McAdoo, Jeanesville, Tresckow, Bunker Hill, Park View, Yorktown, Coleraine, Audenreid, Freeland, So. Herberton and Drifton, and sells energy to the Columbia & Montour Elec. Co. and the Schuylkill Gas & Elec. Co. for Mahanoy City and Shenandoah.)

C D L S 3 ✠ ★16

**HIGHSPIRE,** 1,669—Harrisburg Lt. & Pwr. Co. See Harrisburg.

**HOLLIDAYSBURG,** 3,734—Penn Central Lt. & Pwr. Co. See Altoona.

1 d. c. arc G. E. 75 lt; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys.

City cont. 62 arcs 2000 c. p; 2 incs. 24 c. p; all nt.

D L 1 3 ✠ 35

**HOLLSOPPLE,** 100—The White Oak Lt., Ht. & Pwr. Co.; cap. $2,000; no bds.
Pres. Dr. H. A. Zimmerman...Hollsopple
V. Pres. P. Walters........... “
*Sec. Treas. & Mgr.
C. C. Zimmerman..... ..... “
Audr. Chas. Nagel............. “

1 a. c. Hawthorne 120 v; a. c. nt. ltg. cir. 120 v; 35 hp. turb. (wtr.) Smith.

City cont. 16 Mazdas $12 per yr; all nt. (Lts. Hollsopple and vicinity.)

L W 1 ✠ 25

**HOLTWOOD,** 1,500—Pennsylvania Wtr. & Pwr. Co. Executive office, 24 Exchange Place, New York, N. Y. Eng'g. Dept., U. S. Fidelity & Guarantee Bldg., Baltimore, Md. (Pwr. sta. at Holtwood on Susquehanna River, 83,500 kw. installed with provision for a total maximum cap. of 107,000 kw. Sub-sta. in Baltimore, cap. 72,500 kw., with provision for ultimate cap. of 85,000 kw.) (In 1915, acquired the property of the Sinking Spring Elec. Lt., Ht. & Pwr. Co.); cap. $8,495,000; bds. $8,887,000.
Chrmn. Bd. J. E. Aldred { 24 Exchange Pl.,
Pres. & Treas. { New York,
Chas. E. F. Clarke. { N. Y.
*V. Pres. & Ch. Engr.
J. A. Walls..............Baltimore, Md.
Sec. F. J. Allen
24 Exchange Pl., New York, N. Y.
¶Asst. Treas. Jas. L. Rintoul
Baltimore, Md.

8 a. c. G. E. West. tot. 83,500 kw. 11,000 v. 3 ph. 25 cys; Morris turbines; 1000 amp. hr. stor. bat.

(Supplies energy to Consolidated Gas, Elec. Lt. & Pwr. Co. and the United Rys. & Elec. Co. of Baltimore, 40 mi. trans. 70,000 v. 3 ph. 25 cys; also supplies The Edison Elec. Co. of Lancaster at 70,000 v. 3 ph. 25 cys. Two steel tower trans. lines with three circuits, between Holtwood and Baltimore.)

T W 3 85w

**HOMER CITY,** 1,100—Penn Public Service Co. See Indiana.

**HOMESTEAD,** 18,713—Duquesne Lt. Co. See Pittsburg.

**HONESDALE,** 2,945—Honesdale Cons. Lt., Ht. & Pwr. Co.; cap. auth. & pd. in $55,000, 6 p. c. div; bds. auth. outstg. $86,000, 5 p. c. int.
Pres. Horace F. Menner.......Honesdale
V. Pres. Andrew Thompson... “
Sec. Martin B. Allen............ “
Treas. Henry Z. Russell....... “
*¶Mgr. F. H. Eisele............. “
Engr. Pwr. Sta. George Helstern “

3 a. c. W. E, West. tot. 425 kw. 2300 v. 2 ph. 60 cys; 2 d. c. G. E. 70 kw. 110 v; a. c. day & nt. ltg. cir. 115 v; a.c. mo. cir. 220 v; d. c. mo. cir. 220 v; 600 hp. e. Am, Ball; 600 hp. b. Keeler.

City cont. 43 arcs a. c. 7.5 amp. $68 per yr; 25 tung. 32 c. p. $12 per yr; all nt; coal $2.25.

C D L S 2 ✢ 25

**HORSHAM TWNP.** — Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**HOUTZDALE,** 1,434—Houtzdale Elec. Lt., Ht. & Pwr. Co.; cap. $10,000; no bds.

Pres. Cont. Agt. & Supt.
C. J. Broberg................Houtzdale
*¶Sec. & Treas.
S. T. Henderson.............. "
Ch. Engr. Jas. Nail.............. "

1 a. c. West. 150 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 300 hp. e. H. O. R; 200 hp. b. Keeler.

City cont. 6 arcs 600 c. p. $60 per yr; 30 incs. 32 c. p. $18 per yr; coal $1.20. (Co. does ltg. in Brisbin.)

L S 2 ✢ 125

Penn Public Service Co. See Philipsburg.

**HOWARD,** 667—Long Electric Co.

Pres. A. M. Long...................Howard
V. Pres. E. R. Long................ "
Sec. & Treas. Geo. E. Long...... "
*Mgr. W. H. Long................ "

1 d. c. Diehl 17½ kw. 250 v; d. c. nt. ltg. cir. 250 v; 50 hp. b. Atlas; 65 hp. wtr. wh. Fitz.

Coal $3.

C L S W ✢ ★125

Center Electric Co.; cap. outstg. $4,000.

Pres. & Treas. A. Weber..........Howard
Sec. & Cont. Agt. P. C. Holter.... "
*¶Mgr. Balser Weber............. "
Engr. Pwr. Sta. Louis Doorman.. "

1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 216 hp. turb. (wtr.).

City cont. 50 Mazdas "C" 250 c. p. $12 per yr; all nt.

L W 3 75

**HUDSON,** 2,000—The Wilkes-Barre Co. See Wilkes-Barre.

**HUGHESVILLE,** 1,650—Citizens' Elec. Lt. & Pwr. Co.; cap. outstg. $5,000; bds. $3,000.

Pres. D. W. Osler............Hughesville
Sec. & Treas.
John B. Fox................ "
*¶Gen. Mgr. Geo. W. Fox.. "

Energy purchased from Eagles Mere Lt. Co. 1100-2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys.

City cont. 97 carbon series 32 c. p. $14.50 per yr; all nt. (Also lts. Picture Rocks (32 carbon 16 c. p. $9 per yr. and 1 Carbon 24 c. p. $12 per yr; all nt.) and intermediate territory.)

D L 1 2 ✢ 25

**HUMMELSTOWN,** 2,128—Hummelstown Consol. Wtr. Co. Office, Harrisburg; pwr. plant Hummelstown; cap. $125,000; bds. $225,000.

Pres. David Gring.................Newport
Sec. E. Birtline...................... "
Treas. C. K. Miller................. "
Mgr. A. W. Dunkle............Harrisburg
¶Cont. Agt. & Const. Engr.
Chas. E. Schaup............ "
*Supt. G. Swisher..........Hummelstown
Asst. Supt. H. Luckenvill.. "

3 a. c. G. E., Allis-C. tot. 410 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 500 hp. e. H. F. & M; 600 hp. b. Heine; 400 hp. wtr. wh. Smith.

City cont. 100 inc. $12 per yr; all nt; coal $3.25. (Co. also lts. Swatara Station.)

D L S W 3 84

**HUNTINGDON,** 6,861—The Raystown Wtr. Pwr. Co. Office, 521 Washington St.; cap. $750,000; bds. $450,000.

*Pres. J. E. Smucker..........Huntingdon
V. Prests. J. R. & G. E. Simpson "
Sec. & Treas. W. B. Simpson. "
¶Mgrs. & Cont. Agts.
W. B. & G. E. Simpson.... "
Engr. Pwr. Sta. D. O. Davis.. "

3 a. c. tot. 2625 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 115 v; a.c. mo. cir. 2200 220 v; 3900 hp. turb. (wtr.) Lef.

(Co. also lts. Williamsburg, Mapleton Depot, Smithfield and Calvin.)

D L W 3 74

**HYNDMAN,** 1,164—Hyndman Elec. Lt. Ht. & Pwr. Co.; cap. $8,200; bds. $4,000.

*¶ Pres. Mgr. & Cont. Agt.
N. A. Blair......................Hyndman
V. Pres. John A. Blair........ "
Sec. & Treas. O. D. Blair...... "
Engr. Pwr. Sta. Daniel Leonard "

2 a. c. West. tot. 135 kw. 1100 v. s. ph. 60 cys; no day cir; 195 hp. e. Ball, Taylor; 100 hp. b. Erie City.

City cont. 87 carbon 16 c. p. $9.86 per yr; all nt. Coal $1.75.

L S 1 ✢ 16

**INDIANA,** 5,749 — Penn Public Service Co. See Clearfield.

2 a. c. Bull. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 kw. (stm.) turb. De L; 600 hp. b. Stir.

City cont. 79 a. c. enclosed arcs 1200 c. p. $57.50 per yr; 12 Mazdas 80 c. p. $24 per yr; all nt; coal $1.35.

D L S 3 16

**INTERCOURSE,** 400 — Intercourse Elec. Lt., Ht. & Pwr. Co.; cap. outstg. $26,000; no bds.

Pres. Elmer Denlinger..........Intercourse
V. Pres. John L. Leaman...... "
*¶ Sec., Treas., Mgr. & Cont. Agt.
Enos L. Zimmerman......... "

Purchases energy from Edison Elec. Co; 3 transf. G. E. tot. 50 kw. 11,500-2300 v. 60 cys; a. c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 40 incs. mult. 82 c. p. $13.50 per yr; all nt. (Co. also lts. Leaman Place, Paradise, Vintage, Bird-in-Hand, Ronks, Soudersburg, Gordonville and Witmer.)

D L 3 16

**IRWIN,** 2,886—Westmoreland Elec. Co. See Greensburg.

**JEANESVILLE,** 1,300—The Harwood Elec. Co. See Hazleton.

**JEANNETTE,** 8,077 — Westmoreland Elec. Co. See Greensburg.

**JENKINTOWN,** 2,968 — Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**JERMYN,** 3,158 — Scranton Elec. Co. See Scranton.

City cont. 27 arcs 6.6 amp. $60 per yr; 19 incs. 16 & 24 c. p. $20 per yr; all nt.

L 26

**JERSEY SHORE,** 5,381—Jersey Shore Elec. Co.; office 219 Allegheny St.; cap. outstg. $30,000.

Pres. & Gen. Mgr.
E. H. Davis................Williamsport
Treas. Jos. W. Cochran, Jr... "
Asst. Mgr. Geo. E. Wendell.. "
Audr. H. H. Hill.............. "
*Gen. Supt. & Ch. Engr.
H. B. Loomis...............Jersey Shore

3 a. c. West. tot. 320 kw. 1100 v. 2 ph. 60 cys; 2 d. c. G. E. tot. 681 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. s. ph. 60 cys; d. c. day & nt. ltg. cir. 550 v; 850 hp. e. Nordberg, Cor; 800 hp. b. Keeler, Bab. & W.

City cont. 26 series st. lamps 15 amp. 400 c. p. and 130 series st. lamps 6.6 amp. 60 c. p. all nt; coal $1.15. (Co. also lts. Avis and Antes Fort.)

C D L S 1 2 ✠ ★16

**JESSUP,** 1,500 — Scranton Elec. Co. See Scranton.

City cont. 50 arcs G. E. 475 w. $66 per yr; 13 incs. $30 per yr; all nt.

L 26

**JOHNSONBURG,** 4,334—Johnsonburg Lt. & Pwr. Co. (Owned and controlled by Interstate Public Service Corpn.); cap. outstg. $15,000; bds. $15,000.

Pres. J. George Kaelber..Rochester, N.Y.
¶V. Pres. Mgr. & Cont. Agt.
W. H. Beacon.................Ridgway
Sec. & Treas.
John G. Whitmore............ "
Supt. R. M. Sutter...........Johnsonburg

2 a. c. Burke 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-100 v. 3 ph. 60 cys; 200 hp. e. (gas) Walroth, Clark. Energy also from Kane Elec. Lt. & Pwr. Co. and Ridgway Elec. Lt. Co.; 2 transf. West. tot. 500 kw.

City cont. 4 arcs 500 c. p. free; gas.

D G L 1 3 ✠ ★16

**JOHNSTOWN,** 55,482 — Citizens Lt. Ht. & Pwr. Co. of Pennsylvania, 585 Vine St. (Controlled by Pennsylvania Elec. Co.); cap. pfd. $1,067,700; com. $2,000,000; bds. $1,500,000.

Pres. H. D. Walbridge
14 Wall St., New York, N. Y.
V. Pres. F. T. Hepburn " "
Sec. W. A. Reiber..............Johnstown
Treas. K. W. Hamilton........ "
*Gen. Mgr. P. J. Morrisey..... "
Asst. Gen. Mgr. August Weis. "
Supt Elec. Dept.
W. F. Albright.............. "

4 a. c. West, Allis-C. 2800 kw. 2200-4000 v. 3 ph. 60 cys; 4 d. c. G. E. 920 kw. 120-240 v; 11 G. E. rect. lts; a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 240 v; d. c. ltg. & mo. cir. 120-240 v; 4720 hp. e. Bckye, Ball; 4300 hp. b. Bab. & W, Heine; also stm. htg.

City cont. 512 magn. arcs A. B. & G. E. 320 to 500 w. $50 per yr; 9 tung. series incs. 75 c.p. $25 per yr; all nt; coal $1.40. (Co. also lts. Boroughs of Franklin, Dale, Brownstown, Ferndale, Daisytown, Rosedale, Oakhurst and Westmont, and Townships of Lower Yoder, Upper Yoder, Richland, Stonycreek, Conemaugh, East Taylor, West Taylor and Middle Taylor and sells energy to Penn Elec. Service Co., and Penn Public Service Co.)

C D H L S 3 ✠ ★125

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Dale Lt., Ht. & Pwr. Co., Haynes St., cap. $30,000; bds. $20,000.

Pres. W. A. Scanlon.............Johnstown
V. Pres. John Huebner......... "
*Sec., Treas., Mgr. &
Cont. Agt. C. F. Lancaster.. "
Engr. Pwr. Sta. D. C. Querry. "

2 a. c. G. E. tot. 350 kw. 2200 v. 3 ph. 60 cys; 1 W. E. rect. 40 amp; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; 605 hp. e. Ideal; 525 hp. b. Keeler.

City cont. 35 Mazda series 300 w. $30 per yr; all nt; coal 95 cts. (Co. lts. Stonycreek Twnp., Oakland, Boroughs of Lorain and Dale, Walnut Grove and part of Johnstown.)

D L S 1 3 26†

**JUNIATA,** 5,285—Penn Central Lt. & Pwr. Co. See Altoona.

City cont. 46 arcs $46.50 per yr.

L 35

**KANE,** 6,626—Kane Elec. Lt. & Pwr. Co. (Owned and controlled by Interstate Public Service Corpn.); cap. outstg. $45,000; bds. $40,000.

Pres. J. George Kaelber..Rochester, N.Y.
¶V. Pres. Mgr. Cont. Agt. & Ch. Engr.
Frank S. Lawrence................Kane
Sec. & Treas. H. J. James........... "
Audr. Julia Langshore............... "
Supt. Ovhd. Distribn.
W. H. Knopsnyder................ "

1 d. c. Burke 15 kw. 125-115 v; 4 a. c. C. W, G. E. tot. 675 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a c. day & nt. mo. cir. 2200-110 v. 3 ph. 60 cys; 1375 hp.e. Trout, S. W. (gas.)

City cont. 5 arcs A. B. 600 w. free; nat. gas. (Also lts. East Kane and Sargent; sells energy to Johnsonburg, Lt. & Pwr. Co.)

D G L 3 ✠ ★16

**KEISER,** 1,800—Edison Elec. Illg. Co. See Mt. Carmel.

**KENNETT SQUARE,** 2,049—Chester County Lt. & Pwr. Co. Office, Kennett Sq. (Controlled by The National Properties Co.); cap. $90,500; bds. outstg. $125,000.

Pres. Van Horn Ely,
Witherspoon Bldg., Phila.
V. Pres. Thomas W. Wilson
Wilmington, Del.
Sec. & Treas. H. D. Anderson
Witherspoon Bldg., Phila.
Asst. Sec. & Asst. Treas., C. N. Ryan
Willmington, Del.
Gen. Supt. A. W. Burke. " "
Audr. C. E. Yost....... " "
*Dist. Supt. & Cont. Agt.
William F. Kohlbecker....Kennett Sq.
¶Pur. Agt. J. A. Berndt..Wilmington, Del.

Energy purchased from Wilmington & Phila. Trac. Co.; 60 transf. tot. 425 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys.

City cont. 225 tung. 25-60-100 w. $15, $18, $26 per yr; all nt. (Co. also supplies lt., ht. & pwr. in West Grove, Toughkenamon, Landenberg, New Garden, Chatham, Baker, Longwood and Kaolin.)

D L 1 3 ★125

**KIMBERTON,** 150—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Phoenixville; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys. 26

D L 3

**KINGSTON,** 6,449 — Luzerne County Gas & Elec. Co. See Plymouth.

**KITTANNING,** 4,311 — Kittanning Elec. Lt. Co. Office, Kittanning. (Controlled by West Penn. Trac. Co.)

Pres. Williston Fish............Pittsburgh
V. Pres. & Gen. Mgr.
—— ——................... "
Sec. & Treas. H. S. Swift....... "
Sales Mgr. Thos. S. Henderson.. "
¶Pur. Agt. H. E. Burns......... "
Supt. Ltg. H. P. Chambers...... "
Supt. F. A. Moesta.............Kittanning

Energy purchased from The West Penn Elec. Co., Connellsville; trans. 22,000 v; 2 transf. Pittsburg tot. 1500 kw; 2 mo. gen. West. Burke, tot. 500 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day &

nt. mo. cir. 110-220-440 v. s, 2 & 3 ph. 60 cys; d. c. mo. cir. 550 v.
City cont. 102 magn. arcs 4 amp; 40 nitrogen incs. 400 c. p; all nt. (Co. also lts. West Kittanning and Applewold.)
C D L 1 2 3 ✚ 75w

**KUTZTOWN,** 2,360 — Fleetwood & Kutztown Elec. Lt., Ht. & Pwr. Co. (Leased by Allentown & Reading Trac. Co.); cap. $150,000; bds. $30,000.
Pres. H. E. Ahrens..............Reading
V. Pres. & Sec, S. K. Hoffman.Harrisburg
Sec. C. A. Diener................Hamburg
Treas. Geo. B. Schaeffer .........Reading
*¶ Supt. I. L. Peters..............Kutztown
Engr. Pwr. Sta. Wm. McKnab Maxatawny
Ch. Elecn. Chas. Heffner.......Kutztown
2 a. c. West. Stan. 300 kw. 2250-110 v. s. & 2 ph. 60 cys; a. c. day & nt. service; 150 hp. e. West; 250 hp. b.
Moonlt; coal $3. (Co. also lts. Fleetwood and Lyon Station.)
D L S 1 2 ✚ 75

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Munic. Elec. Lt. Plant; cost $30,000; bds. $25,000.
*Pres. Council, B. D. Druckenmiller Kutztown
Sec. Council, Geo. Bieber....... "
Treas. N. S. Schmehl........... "
Engrs. W. N. Swoyer........ "
Engrs. Ed. Heffner.......... "
2 a. c. C-W, Stan. tot. 113 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. ph. 60 cys; 190 hp. e. (oil) De La V.
30 city arcs A. B. 2000 c. p; 10 series incs. 32 c. p. tot. $2,500 per yr.; oil 5 cts. per gal.
D G L 1 2 14

**LANCASTER,** 47,227—Edison Elec. Co. (Lancaster County Ry. & Lt. Co. owns cap. stock.); cap. $1,700,000; bds. $1,415,800.
Pres. W. W. Griest..............Lancaster
V. Pres. Geo. Bullock..New York, N. Y.
Sec. & Treas. John S. Graybill, Jr., Lancaster
Cont. Agt. H. J. VonNeida .... "
Gen. Mgr. R. B. Hull........... "
Elec. Supt. H. W. Brubaker... "
Engr. Pwr. Sta. Fred Sener..... "
5 a. c. West, Allis C. tot. 7000 kva. 2300 v. 3 ph. 25 cys; 6 d. c. arc Brush 750 lts; also energy purchased from Penna. Wtr. & Pwr. Co. 3 transf. G. E. tot 9000 kva; 2 mo. gen. G. E. tot. 2400 kva; trans. 70,000 v; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys; d. c. day & nt. mo. cir. 220 v; 6000 hp. e. Prov. Allis-C; 3000 kw. stm turb. West; 4160 hp b. Bab. & W.
City cont. 645 arcs 2000 c. p. $69.75 per yr; 979 Tung. 40 w. $13.50; all nt; coal $2.65. (Co. also lts. Millersville, Florin, Rheenis, Leola, Bareville, Gap Altglen, Kinzers, Lenover Mountville, Columbia, Marietta, Elizabethtown, Manheim, Petersburg, Neffsville, Lititz, Eden, Christiana, Mt. Joy, Landisville, New Holland, Blue Ball and Salunga; sells energy to Intercourse Elec. Lt. & Pwr. Co. and Strasburg Elec. Lt. & Pwr. Co.)
C D L S 2 3 25

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Lancaster County Ry. & Lt. Co. (Controlled by United Gas & Elec. Corp., 61 Broadway, New York, N. Y.) Owns the stock of the Conestoga Trac. Co., Conestoga Realty Co., Edison Elec. Co., and the Lancaster Gas Lt. & Fuel Co.; cap. $2,345,000; bds. $1,000,000.
Pres. W. W. Griest..............Lancaster
V. Pres. Geo. Bullock.....New York, N.Y.
Sec.& Treas. Henry Morgan .. "
Asst. Secs. & M. D. Evans... "
Asst. Treasrs. J.S.Graybill,Jr. Lancaster
25

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Lancaster Elec. Lt., Ht. & Pwr. Co. Pwr. Plants: Slackwater, Wabank and Rock Hill; cap. $2,345,000; bds. $1,000,000.
Pres. G. Searing Wilson.........Lancaster
Sec. Edw. D. Ruth............. "
Treas. Geo. B. Wilson. Jr........ "
*¶ Mgr. & Ch. Engr. Edw. D. Ruth................. "
Ch. Elecn. Frank Ruth.........Slackwater
3 a. c. S. K. C. Allis-C. tot. 1280 kw. 5500-110 v. 3 ph. 25 cys; 2100 hp. turb. Smith.
L W 3 125

**LANGHORNE,** 801—Langhorne Elec. Lt. & Pwr. Co.; cap. $20,000.
Pres. Alfred Marshall...........Langhorne
V. Pres. Allen R. Mitchell .... "
*¶Sec. Treas. & Mgr. A .M. Wildman ............... "
Supt. & Ch. Elecn. W. D. Lukens............So. "
2 a. c. West. tot. 300 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 16 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. b. York; 375 hp. e. Ball, Erie.
City cont. 125 series Mazdas 40 c. p; all nt; coal. (Co. also lts. So. Langhorne, Manor, Hulmeville, Parkland and Newport.)
D L S 3 ✚ 125

**LANSDALE,** 3,551—*Munic. Electric Lt. Plant; bds. $34,000.
Pres. Ruben S. Landis...........Lansdale
¶ Mgr. Supt. & Elecn. P. S. Dirks......................... "
Engr. Pwr. Sta. Oscar Booz....... "
2 a. c. Ft. W. tot. 250 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 400 hp. e. Erie City; 500 hp. b. Keeler, Erie City.
60 city arcs Ft. W. 6.6 amp; 25 city Mazdas 100 c. p; all nt; coal $3.
D L S 2 ✚ 24

**LANSDOWNE,** 4,066—Delaware County Elec. Co. Office, 1000 Chestnut St., Philadelphia. (Merger of Philadelphia Suburban Elec. Co., Citizens Elec. Lt. & Pwr. Co., Media Elec. Lt., Ht. & Pwr. Co. and Faraday Ht., Pwr. & Lt. Co.) (Controlled by Phila. Elec. Co.); cap. $250,000 (prfd.); $750,000 (com.); bds. $300,000.
Pres. & Mgr. Albert R. Granger. . Chester
V. Pres. Wm. C. L. Eglin...Philadelphia
Sec. A. V. R. Coe.............. "
Treas. H. C. Lucas............. "
Audr. H. R. Kern............... "
Cont. Agt. J. T. Maxwell... "
Ch Pwr.Salesman, John Meyer "
¶ Pur. Agt. Jos. W. Derrick "
Energy from Philadelphia Elec. Co.; 15 transf. tot. 3400 kw; 6 rotary conv. tot. 1800 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.
City cont. 22 open series arcs 480 c. p. $80.95 per yr; 1186 G. E. tung. $18.37 per yr. (Co. also lts. Alden, Clifton Heights, Darby, Fernwood, Glenolden, Norwood, Prospect Park, Sharon Hill, Yeadon, Upper Darby, Rutledge, Media, Morton, Wallingford and Swarthmore.)
D L 2 ✚ 25

**LANSFORD,** 8,321—Panther Valley Elec. Co. (Consolidation of The Coaldale Elec. Co. and Panther Valley Elec. Lt. Ht. & Pwr. Co.); cap. outstg. $90,000; bds. $40,000.
Pres. G. M. Davies...............Lansford
V. Pres. J. A. Quinn............. "
¶ Sec. C. K. Walton............ "
Treas. T. M. Whildin............ "
*Mgr. Wallace Drumheller..... "
Purchases energy from Lehigh Navigation Elec. Co; 3 transf. G. E. tot. 600 kw; 4 rect. G. E. tot. 300 kw;

a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 205 arcs G. E. magn. 4 amp. $60 & $65 per yr; 31 incs. 100 w. $25 per yr; all nt. (Co. also lts. Summit Hill, Coaldale and Nesquehoning.)
D L 3 ✠ 16

**LA PLUME,** 274—Abington Elec. Co.
Pres. T. S. Parker..........Clarks Green
V. Pres. Geo. H. Nichols..Clarks Sunset
Sec. F. C. Hanyen..............Scranton
Treas. E. W. Thompson......Factoryville
Mgr. G. T. Bartley...................La Plume
¶Supt. F. M. Reynolds......Factoryville
Energy purchased from Scranton & Binghampton R. R. Co.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 1.30 P. M.
D L 1 3 §95

**LARKSVILLE,** 9,288—Luzerne County Gas & Elec. Co. See Plymouth.

**LATROBE.** 8,777 — The West Penn Elec. Co. For executive officers, see Pittsburg.
Supt. T. N. Shaw....................Latrobe
4 transf. West. tot. 1250 kw; 1 mo. gen. G. E. 300 kw; all nt. (Also lts. Derry and Youngstown; sells energy to Latrobe St. Ry. Co.)
L ✠ 94

**LEBANON,** 19,240—Edison Elec. Illg. Co. of Lebanon. (Controlled by United Pwr. & Transpt. Co. and leased and operated by Reading Transit & Lt. Co.); cap. $360,000; bds. $50,000.
Pres. K. A. Fichthorn.............Phila.
V. Pres. John A. Rigg............ "
Sec. & Treas. T. W. Grookett, Jr.
Camden, N. J.
Supt. Harry G. Louser............Lebanon
Ch. Elecn. Harry Hollis.......... "
10 d. c. G. E. 600 kw. 125 v; 4 a. c. G. E. 50 kw. 2300-232-116 v. 3ph. 60 cys; a.c. day cir. 2300-232-116 v; d. c. day ltg. & pwr. cir. 232-116 v; a. c. pwr. cir. 2300-232-116 v; 2100 hp. e. Allis-C. Ball, Curtis; 1500 hp. b. A. & T.
City cont. 137 arcs 2000 c. p. 4000 hrs. $79 per yr. 200 incs. 24 c. p. $16.80 per yr; coal. (Co. also lts. Avon, Hebron and Myerstown.)
C D L S 3 ★16

Lebanon Valley Electric Light Co. Gen. Office, 12 So. 5th St. Reading, Pa. (Controlled through stock ownership by Reading Transit & Lt. Co.); cap. outstg. $80,000; no bds.
Pres. E. L. West..................Reading
V. Pres. Thos. Cheyne.......... "
Sec. & Treas. E. D. Gault........ "
Mgrs. W. S. Barstow & Co., Inc.
50 Pine St., New York, N. Y.
Purchases energy from Reading Transit & Light Co.
Lts. W. Lebanon, Independent Borough and County.
L ✠ ★16

**LEECHBURG,** 3,624—West Penn Lt. & Pwr. Co. (Controlled by West Penn Trac. Co.)
Pres. Williston Fish............Pittsburgh
Gen. Mgr. J. S. Jenks .......... "
Sec. & Treas. H. S. Swift....... "
¶ Pur Agt. H. E. Burns........ "
Supt. Ltg. H. P. Chambers..... "
Dist. Supt. H. A. Waddell....Leechburg
Energy purchased from West Penn Rys. Co.
City cont. 52 magn. arcs 4 amp; 21 tungs. 0-80-200 c.p; all nt. (Co. also lts. Apollo, Hyde Park, Avonmore, Saltsburg, New Alexandria, Ligonier (gen. sta.) and Freeport.)
L ✠ ★26E

**LEHIGHTON,** 5,316—Lehighton Elec. Lt. & Pwr. Co. Office 126 So. 3rd St; cap. $30,000.
Pres. & Treas. J. I. Blakslee ...Lehighton
V. Pres. S. J. Brong........... "
Sec. T. Scott Roth.............. "
*Mgr. & Audr. L. B. Horne.... "
Supt. E. W. Moser............... "
Engr. Pwr. Sta. C. Miner...... "
2 a. c. Bull, Ft. W. tot. 450 kw. 2300 v. 2 ph. 60 cys; 1 d. c. G. E. 150 kw. 500 v.; 2 rect. Brush. tot. 75 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 500 v; 760 hp. e. Ham, Am Cor, Ball; 700 hp. b. N. Y; Safety, Stir.
City cont. 74 arcs a. c. enc. 6. 6 amp. series $50 & $60 per yr; all nt; 4200 hrs. per yr; coal $3.20. (Co. also lts. Weissport, Jamestown and Beaver Run.)
C D L S 2 25

**LEMOYNE,** 1,393 — The United Elec. Co.; cap. auth. $150,000.
*¶ Pres. & Supt. C. H. Bishop...Lemoyne
Sec. & Treas. C. M. Davison
Chambersburg
Ch. Engr. A. S. Bentz...........Lemoyne
Ch. Elecn. J. C. Thompson....... "
2 a.c. West. 2500 kw. 370 v. 3 ph. 60 cys; 2 d. c. G. E. 600 kw. 600 v; a. c. & d. c. day ltg. & mo. cir. 110-220 v; 2212 hp. e. Penn, West, H. F. & M; 1250 hp. b. Bab. & W. Ault. & T; 600 kw. hrs. stor. bat. Gould.
City cont. 102 arcs 2000 c. p. $60 per yr; 332 incs. 32 c. p. $16 per yr; all nt; coal. (Co. also lts. Shiremanstown, Camp Hill, New Cumberland, Wormleysburg, Mechanicsburg, West Fairview, Enola and Marysville; sells energy to the New Kingston Elec. Lt., Ht. & Pwr. Co.)
C D L S 3 125

**LEWISBURG,** 3,081 — Citizens Elec. Co.; cap. $15,000, 50 p. c. paid in.
Pres. Wm. R. Follmer.........Lewisburg
V. Pres. John T. Judd......... "
Sec. Cloyd Steininger......... "
Treas. John P. Ruhl............ "
*Supt. D. P. Higgins........... "
Purchases energy from Northumberland County Gas & Elec. Co.; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 26 arcs metallic flame 2000 c. p. $68 per yr; 55 tung. series 100, 60 & 32 c. p. $35, $24 & $13 per yr; all nt.
D L 3 125

**LEWISTOWN,** 8,166 — Penn Central Lt. & Pwr. Co. See Altoona.
2 a.c. West. G. E. 450 kw. 2300 220-110 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v; 750 hp. e. Nord. Phila; 600 hp. b. Coates.
City cont. 50 arcs 7 amp. $65 per yr; 80 incs. 32 c. p. $22 per yr; moonlt; coal $2.25.
D L S 3 ✠ 85

**LIGONIER,** 1,575— West Penn Lt. & Pwr. Co. For executive officers, see Leechburg.
Supt. W. F. Fiat....................Ligonier
2 a. c. West. Bull. tot. 135 kw. 1100-110 v. 2 ph. 60 cys; a.c. mo. cir. 220-110 v; 215 hp. e. Ridge; 200 hp. b. Erie.
City cont. 87 incs. 16 c. p. $12 per yr. all nt; coal $1.05.
L S 2 ✠ 94

**LILLY,** 1,638 - Lilly Elec. Lt., Ht. & Pwr. Plant.
Prop. Julius F. Klemstine...........Lilly
*Mgr. Philip J. Klemstine........... "
3 a. c. G. E. Ft W. tot. 170 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110-220 v; d. c. nt. ltg. 125 v; 200 hp. e. Sknr; 225 hp. b. U.I. W; stm. htg.
City cont. 12 arcs A. B. 6 amps. $30 per yr; 50 incs. 32 c. p. 6 cts. per kw; moonlt; coal $1.80.
C H L S 1 ✠ 25

**LINFIELD**, 400—Philadelphia Suburban Gas & Elec. Co. See Philadelphia. Energy from Phoenixville and Pottstown.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
D L 3 26

**LITITZ**, 2,082—Edison Elec. Co. See Lancaster.
2 transf. West, Scott tot. 400 kva. 2 & 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.
City cont. 136 series tung. 40 w. $13.50 per. yr; all nt.
D L 2 3 25

**LITTLESTOWN**, 1,347—Hanover Lt., Ht. & Pwr. Co. See Hanover.
Energy from Hanover; trans. 2200 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. ph. 60 cys.
City cont. 27 a. c. series arcs 7.5 amp. $45.70 per yr; moonlt.
D L 1 16

**LOCK HAVEN**, 7,772 — Lock Haven Elec. Lt. & Pwr. Co.; cap. $100,000.
Pres. R. Kintzing............Lock Haven
*Sec. Treas. Mgr. & Cont. Agt.
W. S. Harris.................... "
¶Pur. Agt. Henry Cree............ "
Supt. Robert Cree................ "
Engr. Pwr. Sta. Harry Weir........ "
3 a. c. West. tot. 800 kw. 110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.; 1200 hp. e. Ball; 800 hp. b. Keeler.
City cont. 100 a. c. arcs G. E. 7.5 amp. $60 per yr; 25 inc. G. E. tung. 60 w. $15 per yr; all nt; coal $2.12. (Co. also lts. Flemington and Mill Hall.)
D L S 2 ✢ 75

**LOCUST GAP**, 1,650—Edison Elec. Illg. Co. See Mt. Carmel.

**LOWER YODER TWNP.**—Citizens Lt., Ht. & Pwr. Co. See Johnstown.

**LOYSVILLE**, 450 — Sherman's Valley Lt., Ht. & Pwr. Co.; cap. $5,000.
Pres. W. L. Gladfelter......Spring Grove
¶ Sec. G. M. Diffenderfer..........Carlisle
*Treas. & Mgr. C. A. Widle....Loysville
1 a. c. West. 30 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 30 hp. wtr. wh. Smith.
D L W 3 125

**LUZERNE**, 5,426—Luzerne County Gas & Elec. Co. See Plymouth.

**LYKENS**, 2,943—Lykens Valley Lt. & Pwr. Co. See Williamstown.
Day & nt. service.
City cont. 55 arcs G. E; 600 incs; all nt; coal $2.
D L 125†

**McADOO**, 3,389—The Harwood Elec. Co. For executive officers, see Hazleton.
Supt. M. J. Devitt.....................McAdoo
Trans. from Hazleton; 2300 v. 3 ph. 60 cys; 2 rect. West. 50 lt; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v.
City cont. 42 series arcs metallic flame 4 amp. $70 & $80 per yr; 29 series Mazdas 4 amp. $15 per yr; all nt. (Also lts. Jeanesville, Audenreid, Tresckow, Bunker Hill, Coleraine, Beaver Meadow, Park View and Yorktown.)
D L 3 ✢ 16

**McDONALD**, 2,543—West Penn Ltg. Co. For executive officers, see Waynesburg.
Supt. H. W. Ebel..................McDonald
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.
City cont. 25 arcs 2000 c. p. $75 per yr; all nt. (Also lts. Oakdale, Burgettstown and Midway).
D L 1 2 3 ✢ 94

**McKEESPORT**, 42,694 — Duquesne Lt. Co. See Pittsburg.

**McKEES ROCKS**, 14,702 — Pennsylvania Lt. & Pwr. Co. See Allegheny.

**McSHERRYSTOWN**, 1,724—Hanover Lt., Ht. & Pwr. Co. See Hanover.
City cont. 14 arcs series 7.5 amp. moonlt. $45.70 per yr.
L 125

**MACUNGIE**, 772—Macungie Elec. Lt., Ht. & Pwr. Co.
Pres. Chas. H. Neumoyer.........Macungie
*Sec. H. L. Hertzog............ "
Treas. L. S. Shimer............. "
Purchases energy from Lehigh Valley Lt. & Pwr. Co.
L 125

**MAHAFFEY**, 754—Susquehanna Elec. Co.; cap. $5,000; no bds.
¶ Pres. G. L. Fletcher..........Mahaffey
V. Pres. Sec. & Treas.
B. W. McCracken............ "
*Mgr. F. J. Anderson............ "
Purchases energy from J. K. Mosser & Co.; 1 a. c. West. 60 kw. 1100 v. s. ph. 133 cys.
City cont. 14 West. arcs $60 per yr; 3 Tung. $18 per yr; all nt.
L 1 ✢ 16

**MAHANOY CITY**, 15,936—The Schuylkill Gas & Elec. Co. Office, 805-814 Markle Bank Bldg., Hazleton. (Controlled by The Harwood Elec Co.); cap. $615,910; bds. $346,778.
Pres. S. D. Warriner...... } 437 Chestnut
V. { Rollin H. Wilbur } Street,
Prests. } H. F. Baker..... } Philadelphia
Sec. Henry Lodge.... ... "
Treas. Henry H. Pease.... "
Gen. Mgr. J. S. Wise, Jr.........Hazleton
Audr. C. J. Hill................... "
Com. Mgr. Charles Hodge....... "
¶ Pur. Agt. Edward Hughes
437 Chestnut St., Philadelphia
Energy from The Harwood Elec. Co.; 6 transf. G. E. tot. 3000 kw; trans. volt. 25,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-440 v. 2 & 3 ph. 60 cys; 10 amp. stor. bat. E. S. B. 120 v.
City cont. 37 Mazdas "C" 400 c. p. $50 per yr; 59 incs. series 100 c. p. $26 per yr; 82 incs. series 60 c. p. $19 per yr; all nt. (Operates plant in Shenandoah.)
D L 2 3 ✢ 16

**MALVERN**, 1,125—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from West Chester.
a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
C D L 3 26

**MANHEIM**, 2,202 — Edison Elec. Co. See Lancaster.
3 transf. West. 300 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont 104 incs. 40 w. $13.50 per yr; all nt.
D L 3 25

**MANOR**, 2,000 — Westmoreland Elec. Co. See Greensburg.

Langhorne Elec. Lt. & Pwr. Co. See Langhorne.

**MANSFIELD**, 1,645—Mansfield Elec. Co.

Sec. C. S. Ross.....................Mansfield
Treas. E. H. Ross.............. "
*Supt. W. W. Allen............ "
2 a. c. Keeler, West. 300 kw. 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 & 3 ph. 60 cys; 350 hp. e. Erie, C.
City cont. 100 incs. 60 w. $18 per yr; coal $2.25.
D L S 2 3 ✠ 125

**MARCUS HOOK,** 1,573—Beacon Lt. Co. See Chester.

**MARIETTA,** 2,079—Edison Elec. Co. See Lancaster.
Transmission from Elizabethtown.
City cont. 113 incs. 40 w. $13.50 per yr.
L 25

**MARKES,** 30—Mercersburg, Lehmaster & Markes Elec. Co. Office, Mercersburg; gen. sta. at Markes. (Successor to Conococheague Elec. Lt., Ht. & Pwr. Co.); no bds.
*Owner & Mgr.
Harry E. Geiser.............Mercersburg
Engr. Pwr. Sta. Geo. C. Booton..Markes
2 a. c. Ft. W. tot. 150 kw. 2300 v. s. ph. 0 cys; a. c. day & nt. ltg. cir. 110 v.; a . day & nt. mo. cir. 110-220 v. s. ph. 60 ys; 125 hp. e. A. & S.; 160 hp. b. Bckye; 122 hp. wtr. wh. Leffel, McC., Smith.
City cont. 68 series incs. 60 c.p. $19 per yr; all nt.; coal $2.25. (Also lts. Mercersburg and Lehmaster.)
D L S W 1 ★16

**MARS,** 4,215 — Butler County Lt. Co. See Butler.

**MARYSVILLE,** 1,693—Marysville Elec. Lt., Ht. & Pwr. Co.; cap. $10,000; bds. $8,000.
¶ Pres. & Supt. J. C. Beers...Marysville
ec. P. B. Hipple........... "
reas. J. W. Beers........... "
ngr. Pwr. Sta. John Heller. "
Purchases energy from the United Elec. o ; 2000-110 v. — ph. 60 cys; a. c. day ir. 110 v; 50 hp. e. Ridgway; 60 hp. b. arrisburg.
City cont. 53 tung. $16 per yr. all nt.
D L S 1 ✠ 16

**ATAMORAS,** 1,388—Pike County Lt. & Pwr. Co., General Office, Philadelphia; cap. outstg. $23,500; bds. $25,000.
res. E. E. Mandeville,
900 Land Title Bldg., Phila.
. Pres.
G. H. Stephenson " "
Sec. & Treas.
M. F. Maury " "
gr. Wm. R. Ottey....Port Jervis, N. Y.
Energy purchased from Port Jervis Lt. Pwr. Co; a. c. day & nt. ltg. cir. 110 v; c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 §26

**AUCH CHUNK,** 3,952—Mauch Chunk Ht., Pwr. & Elec. Lt. Co.; cap. outstg. $60,000; no bds.
res. Wm. O. Lentz,
Bellevue-Stratford, Phila.
. Pres. La Fayette Lentz..Mauch Chunk
ec. & Treas. Ira G. Ross.. "
¶ Mgr. & Cont. Agt.
Oliver O. Jarrard......... "
h. Engr. Lewis Meyers... "
Purchases energy from the Lehigh Naviation Elec. Co.; 4 transf. G. E. tot., 0 kw. 3 ph. 60 cys; 2 arc. G. E. tot. 150 lts; c. day & nt. ltg. cir. 110 v. 60 cys; a. c. ay & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 32 magn. arcs 4 amp. $75 per r; 88 Mazdas 40 & 60 w. $25 per yr; all t. (Co. also lts. East Mauch Chunk and lls energy in bulk to the L. V. R.R. Co.)
D L 3 25

**AYFIELD,** 3,662—Scranton Elec. Co. See Scranton.

**MEADVILLE,** 12,780—Munic. Wtr. & Elec. Lt. Plant; cost $24,000; bds. $15,000.
*Supt. Harry Ellsworth........Meadville
Ch. Engr. Wm. C. Clough...... "
4 d. c. Brush arc G. E. tot. 400 lt; no day cir; 160 hp. e. Phoenix; 160 hp. e. (gas) Riverside; 160 hp. b. Phoenix.
188 city arcs 4 amp. lumn. 320 w; 58 series incs. 4 amp. 75 w; all nt; gas 30 cts.
C G L S 125

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Peoples' Incandescent Lt. Co. (Owned by Northwestern Pennsylvania Ry. Co.) cap. $145,000; bds. $150,000.
Pres. —— —— .................. .......——
V. Pres. F. F. Curtze ................Erie
Sec. Wm. Goodman,
30 Broad St., New York, N. Y.
Treas. Chas. Fahr..............Meadville
Mgr. C. M. Hatch............... "
*Audr. C. H. Allen.............. "
Cont. Agt. K. W. Wilks......... "
¶ Pur. Agt. F. C. Yockey...... "
Supt. Wm. Catherman......... "
Engr. Pwr. Sta. Lee Hessler.... "
2 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 112 v; 750 hp. e. Phoenix; 1500 hp. turb. (stm.) G. E; 1700 hp. b. Weth, Bab. & W.
Coal $1.60. (Co. sells energy to Northwestern Penn. Ry. Co. and Eckels Lt., Ht. & Pwr. Co. and also lts. Springboro and Dicksonburg.)
C D L S 3 ✠ ★125

**MECHANICSBURG,** 4,469 — United Elec. Co. See Lemoyne.

**MEDIA,** 3,562—Munic. Elec. Lt. & Wtr. Plant; hydro elec. plant on Riddley Creek nr. Media; cost $18,000.
Pres. of Vil. E. M. Harvey...........Media
Lt. Comm. { Chmn. J. B. Flounders.. "
Benj. J. Levis............. "
Albert Williams.......... "
Sec. Ed. Minton..................... "
Treas. D. O. Cummings............ "
*Mgr. & Ch. Engr.
Patrick E. Ahern.................. "
Engrs. Pwr. Sta. { Allen Wood.......... "
Frank Lees........... "
1 a. c. West. 75 kva. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Harrisbg, Weth; 350 hp. b. Weth. Heine; 50 hp. wtr. wh.—.
55 city arcs a. c. enclosed 420 c.p; 308 Mazdas 40 w. (300) and 150 w. (8); all nt; coal $2. (Will install additional gen. and engine about 100 kw. cap.)
L S W 1 ★125

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Delaware County Elec. Co. See Lansdowne.

**MERCER,** 2,026 — Mercer County Lt., Ht. & Pwr. Co. See Greenville.

**MERCERSBURG,** 1,410--Mercersburg, Lehmaster & Markes Elec. Co. See Markes.

**MERION,** 761 — Phila. Elec. Co. See Philadelphia.

**MEYERSDALE,** 3,741 — Meyersdale Elec. Lt., Ht. & Pwr. Co.; cap. $10,000; bds. $8,000.
Pres. & Treas.
Jennie Wilmoth..............Meyersdale
*Sec. D. J. Fike... .......... "
¶Mgr. F. L. Wilmoth......... "
Ch. Engr. O. M. Crosby ..... "
2 a. c. G. E. 400 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo cir. 220 v; 650 hp. e. Rus; 400 hp. b. Phoenix; (also stm. htg.).
City cont. 28 arcs 2000 c. p. $60 per yr; 48 incs. 50 c. p. $15 per yr; all nt; coal $1.35. (Trans. to Garrett.)
D H L S 3 ★16

**MIDDLEBURG,** 531—Middleburg Lt., Ht. & Pwr. Co. Office, Lewistown; cap. $8,000; cost $14,000.
Pres. A. B. Spanogle..........Lewistown
¶V.Pres. & Mgr. D.B.Spanogle. .Cynwyd
Sec. & Treas. H. E. Ahrens......Reading
*Supt. C. Stetler...............Middleburg
Engr. Pwr. Sta. E. E. Musser. .Swineford
2 a. c. West. 100 kw. 2400 v. 3 ph. 60 cys; 2 d. c. West. tot. 12 kw. 100 v; a. c. nt. ltg. cir. 110 v; a. c. mo. cir; 125 hp. e. H. F. & M; 125 hp. b. Keeler; 78 hp. turb. (wtr) Lamson.
City cont. 30 tung. 32-40-60 w. $14.40, $17 & $23.20 per yr; all nt; coal $2.80. (Co. also lts. Swineford and Franklin).
L S W 3 ................ 125

**MIDDLE TAYLOR TWNP.**—Citizens Lt. Ht. & Pwr. Co. See Johnstown.

**MIDDLETOWN,** 5,374—*Munic. Elec. Lt. Plant; cost $35,000; bds. $25,000.
Supt. J. H. Boyer..............Middletown
1 a. c. Ft. W. 75 kw. 2200 v. s. ph. 60 cys; 1 d. c. arc Ft. W. 80 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250 hp. e. Stearns; 250 hp. b. Erie; also buys energy from York Haven Wtr. & Pwr. Co.
72 city arcs 6.6 amp; 50 city incs. 32 c. p. all nt; coal $2.15.
D L S 1 3 ✣ 22

**MIDLAND,** 1,244—Midland Elec. Lt. & Pwr. Co. Office, 435 Sixth Ave., Pittsburg. (Controlled by the Duquesne Lt. Co.); cap. outstg. $10,000; no bds.
Pres. G. K. McGunnigle.........Pittsburg
V. Pres. W. D. Maxwell........ "
Sec. Albert Wolf................ "
Treas. W. C. Sexton............. "
Mgr. F. J. Magee................ "
Energy purchased from Ohio River Passenger Ry. Co.
L ................ §26

**MIFFLIN,** 817—The Juniata Co.
Pres. W. S. North..................Mifflin
V. Pres. Chas. W. Mayer......Mifflintown
*Sec. W. L. Hoopes............. "
¶Treas. & Mgr. Edward B. Kirk...Mifflin
1 a. c. West. 75 kw. 2200-110 v. 3 ph. 60 cys; no day cir; 125 hp. e. McE; —— hp. b. Bab. & W.
City cont. 15 arcs $75 per yr; 50 incs. 32 c. p. $28 per yr.
L S 3 ✣ 125

**MIFFLINBURG,** 1,559—Munic. Elec. Lt. Plant; bds. $3,000.
Pres. of Council, John Klose. .Mifflinburg
Treas. of Boro, L. E. Walter.. "
*Supt. Paul E. Halfpenny........ "
Engr. Pwr. Sta. J. L. Halfpenny..Swengel
Purchases energy from pwr. plant of Halfpenny & Grove, near Swengel, 5 miles distant; 2 transf. Stan. tot. 120 kw; trans. 5500 v; 1 a. c. Stan. 125 kw. 5500 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 200 hp. turb. (wtr.) S. B. & S. V.
25 city arcs a. c. series 6.6 amp. $50 per yr; 6 lamps "Novalux" 600 c. p. 20 amp. $50 per yr; 15 Mazdas "C" 100 c. p. 6.6 amp; all nt.
D L W 3 ★125

***MILESBURG,** 531—State-Centre Elec. Co. See State College.

**MILLERSBURG,** 2,394 — Millersburg Elec. Lt. Ht. & Pwr. Co.; cap. $13,000; bds. $21,000.
Pres. S. A. S. Shuler..............Liverpool
Sec. & Treas. D. Leffler, Jr.....Clearfield
*¶Gen. Mgr. Frank S. Kirk...Millersburg
Engr. Pwr. Sta. J. A. Kerns.. "
2 a. c. G. E. tot. 240 kw. 1140-104 v. s. ph. 125 cys; no day cir; 350 hp. e. Lycoming; 250 hp. b. Keeler; 300 hp. turb. (wtr.) Morgan Smith.
City cont. 100 series tung. 40 w. $10 per yr; all nt.
L S W 1 ✣ ★125

**MILLERSVILLE,** 1,400—Edison Elec. Co. See Lancaster.

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Eastern Penn. Lt., Ht. & Pwr. Co. See Ashland.

**MILL HALL,** 1,010—Lock Haven Elec. Lt. & Pwr. Co. See Lock Haven.

**MILLVALE,** 7,861 — Munic. Water & Lt. Plant; cost $36,000.
Pres. Council, Wm. Fox..........Millvale
Sec. H. Dixon.................... "
Treas. Bank of Millvale.......... "
*¶Mgr. & Cont. Agt. Jas. Grundy "
Engr. Pwr. Sta. J. S. Kerr.. "
2 a. c. West. 150 kw. 220 v. 2 ph. 60 cys; 2 arcs 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 180 hp. e. Ide; 450 hp. b. Titusville.
98 city arcs 1000 c. p. $70 per yr; moonlt; coal $1.95. (Will install 500 hp. 3 ph. turbo-gen. and 400 hp. boiler.)
D L S 2 125

**MILNESVILLE,** 2,444—The Harwood Elec. Co. See Hazleton.

**MILTON,** 7,460 — Northumberland County Gas & Elec. Co. See Sunbury.

**MINERS MILLS,** 3,159—The Wilkes-Barre Co. See Wilkes-Barre.

**MINERSVILLE,** 7,240—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.
Trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. & 3 ph. 60 cys.
City cont. 20 arcs G. E. series 320 w. $60 per yr; 89 tung. 40 w. $18 per yr; all nt.
D L 1 3 ✣ 16

**MINOOKA,** 1,000—Scranton Elec. Co. See Scranton.
City cont. 15 arcs $60 per yr; 2 incs. $20 per yr.
L 26

**MOHNTON,** 1,536—Metropolitan Elec. Co. See Reading.

**MONACA,** 3,376—Beaver County Lt. Co. See New Brighton.

**MONESSEN,** 11,775 — The West Penn Elec. Co. See Pittsburgh.

**MONONGAHELA,** 7,598—The West Penn Elec. Co. See Pittsburgh.
Supt. C. G. Moore..........Monongahela
2 transf. West. tot. 400 kw; 2 transf. Pgh. tot. 1500 kva.
City cont. 23 arcs 600 w. $90 per yr; all nt. (Also lts. Donora, Elizabeth, West Elizabeth, New Eagle and Finleyville.)
L ✣ 94

**MONT CLARE,** 100—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from Phoenixville; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
D L 3 26

**MONTGOMERY,** 1,490—Montgomery & Muncy Elec. Lt., Ht. & Pwr. Co. Pwr. plants at Montgomery and Muncy; cap. $95,000; bds. outstg. $95,000.
Pres. Wm. Decker..............Montgomery
V. Pres. John Meixel........ "
Sec. D. W. Schollenberger....... "
Treas. Geo. Parkman.......Philadelphia

¶Mgr. & Cont. Agt.
A. L. Davis..............Montgomery
Engr. Pwr. Sta.
W. C. Corderman............. "

2 a. c. Ft. W. 250 kw. 2300 v. 3 ph. 60 cys; 1 a. c. C-W. 300 kva. 2300 v. 3 ph. 60 cys. (direct connected to a 450 hp. b. Erie City); a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. Ham. Cor. Valley; 450 hp. b. Keeler, H. M. & B.

City cont. 190 incs. series 4, 5 amp. $15 per yr; moonlt; coal $2.55. (Co. also lts. Clintonville and Muncy.)

D L S 3 25

**MONTOURSVILLE,** 1,904—Montoursville Elec. Lt. Co. Office, 131 Broad St; cap. $10,000; no bds.
Pres. Clarence L. Peaslee...Williamsport
V. Pres. F. C. Leonard......Coudersport
Sec. & Treas. W. P. Beeber..Williamsport
¶Mgr. Frank H. Renninger. Montoursville
Engrs. Pwr. Sta. A. Bly........... "
B. F. Wright.... "

5 d. c. G. E, W. E. tot. 560 kw. 570-500-25 v; d. c. day & nt. ltg. cir. 125 v; d. c. day & nt. mo. cir; st. ry. cir. 550 v; 830 hp. e. McE, Weth. Ham, Cor; 450 hp. b. Keeler.

City cont. 66 incs. 25 c. p; all nt; coal $2.30. (Co. sells pwr. to Montoursville Pass. Ry. Co.)

C D L S ✠ ★125

**MONTROSE,** 1,914—Montrose Elec. Lt., Ht. & Pwr. Co.; cap. $12,000; bds. $12,000, 6 p. c. int.
¶Pres. & Mgr. A. M. Ayars....Montrose
Ch. Engr. Harry Mack.......... "
Ch. Elecn. Peter Jenner......... "

2 a. c. G. E. 95 kw. 1100 v. s. ph. 125 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 155 hp. e. McC, Ball; 30 hp. b. Erie; also stm. htg.

City cont. 80 series incs. 60 w., $15 per yr. moonlt.; coal $2.80.

D H L S 1 73

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Susquehanna County Lt. & Pwr. Co. See Susquehanna.

**MOOSIC,** 3,964—Scranton Elec. Co, See Scranton.

City cont. 30 arcs $60 per yr; 38 incs. $20 per yr.

L 26

**MORELAND TWNP.**—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. ph. 60 cys.

D L 3 26

**MORRIS RUN,** 2,200—Morris Run Coal Mining Co.; cost $45,000.
Pres. John N. Conyngham..Wilkes-Barre
Sec. Treas. Gen. Mgr. & Cont. Agt.
T. S. Barber............ "
upt. Malcolm McDougall....Morris Run
Ch. Engr. & Elecn.
Truman B. Sage.............. "
Engr. Pwr. Sta. John Highland "

4 d. c. G. E. tot. 425 kw. 275-300 v; d. c. t. ltg. cir. 220 v; d. c. mo. cir. (for mine aulage) 220 v; 525 hp. e. Payne, Buffalo; 00 hp. b. Preston, Heermans, Keeler.

All nt; coal $2.

C L S 23

**MORRISVILLE,** 2,002—East Penn. Gas & Elec. Co. See Bristol.

**MORTON,** 1,071—Delaware County Elec. Co. See Lansdowne.

**MT. CARMEL,** 17,532—Edison Elec. Illg. Co.; office 81 E. Second St.; cap. $250,000.
Pres. M. K. Watkins..........Mt. Carmel
V. Pres. Voris Anten.......... "
Sec. Reuben Kline..............Mt. Carmel
Treas. S. E. Bergstresser..... "
Mgr. I. W. Keiser.............. "
*Asst. Supt. S. S. Watkins.... "
Engrs. Pwr. Sta. I. Davis............ "
Harry Davis....... "
A. Davis.......... "

2. a. c. G. E. West. tot. 800 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. tot. 260 kw. 115 v; 3 rect. G. E. 200 lt; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. & d. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 1350 hp. e. McE. Erie, Ham, Cor; 35 kw. stm. turb. G. E.; 1500 hp. b. Keeler, Bab. & W.

City cont. 151 arcs G. E. magn. 4 amp. 320 w. $55 & $65 per yr; 19 inc. 60 w. $22; all nt; coal $1.15. (Co. also lts. Connorsville, Atlas, Strong, Kulpmont, Beaverdale, Keiser, Puma and Locust Gap.)

C D L S 1 3 ✠ 26E

**MT. GRETNA,** 30—Mt. Gretna Lt. & Pwr. Co. Office, Lebanon; pwr. plant, Mt. Gretna; cap. stk. $12,,000; no bds.
Pres. A. I. Hartman...............Lebanon
Sec. & Treas. Wm. E. Shaak..... "
*Mgr. U. Grant Mays............ "
Engr. Pwr. Sta. Joseph Dissinger "

2 a. c. West. Stanley tot. 220 kw. 1100 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 100 v. 60 cys; a. c. day mo. cir. 220 v. 2 ph. 60 cys; 350 hp. e. Harrisbg; 360 hp. b. ——.

City cont. 450 incs. 16-32 c. p. $15 per yr; all nt; coal $3.10.

D L S 2 125

**MT. HOLLY SPRINGS,** 1,272—Mt. Holly Lt., Ht. & Pwr. Co. (Owned by Cumberland Ry. Co.)
*Pres. H. W. McCrea.............Newville
V. Pres. E. J. Kitzmiller....Shippensburg
¶ Sec. Gen. Mgr. & Cont. Agt.
—— ——....................Carlisle
Engr. Pwr. Sta. Harry C. Yost.... "

1 a. c. West. tot. 352 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. Tri. 200 kw. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. Honesburg; 400 stm. turb. West; 475 hp. b. Oil City, Keeler; 120 hp. turb (wtr.) McC.

City cont. 20 arcs; 6.6 amp. $42.50 per yr; 7 incs. 32 c. p. $8.50; 12 P. M; coal $1.35.

C D L S W 2 3 ✠ 44†

**MT. JOY,** 2,166—Edison Electric Co. See Lancaster.

3 transf. West. tot. 300 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 114 incs. 40 w. $13.50 per yr; nt.

D L 3 25

**MT. OLIVER,** 4,241—Duquesne Lt. Co. See Pittsburg.

**MT. PLEASANT,** 5,812—The West Penn Elec. Co. See Pittsburgh.

Energy from Connellsville plant; 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 45 arcs G. E. series 600 w. $70 per yr; 33 series tung. 7.5 amp. $24 per yr; all nt.

D L 2 3 94

**MT. UNION,** 3,338—Penn Central Lt. & Pwr. Co. See Altoona.

City cont. 28 arcs $55 per yr; 27 incs. $17 per yr.

L ✠ 35

**MUNCY,** 1,904—Montgomery & Muncy Elec. Lt., Ht. & Pwr. Co. See Montgomery.

Auxiliary plant: 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v; 150 hp. e. Erie H. F. & M; 400 hp. b. H. F. & M, Keeler. (Energy from Montgomery.)

City cont. 133 Mazdas 20 c. p. $12 per yr; moonlt; coal $2.55.
D L S 3 ✣ 25

**MYERSTOWN,** 1,880 — Edison Elec. Illg. Co. See Lebanon.

**NANTICOKE,** 18,877—Luzerne County Gas & Elec. Co. See Plymouth.

**NAZARETH,** 3,978—Pennsylvania Utilities Co. See Easton.

2 a.c. G. E. gen. 2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 2 stm. engines; 300 hp. b.

City cont. 42 arcs 1200 c. p. $70 per yr; 8 tung. 60 c. p. $20 per yr; all nt; moonlt.
D L S 2 3 ✣ 16

**NESQUEHONING,** 1,875 — Panther Valley Elec. Co. See Lansford.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 16

**NEW BETHLEHEM,** 1,625--Red Bank Elec. Co.; cap. $10,000.
Pres. Geo. L. Reed..........Brookville
*V. Pres. M.J. Henry....New Bethlehem
Sec. Treas. & Mgr.
C. C. Gumbest........ "

3 a.c. G. E. 400 kw. 2300 v. 3 ph. 60 cys; 325 hp. e. (gas) S-W; 250 hp. wtr. wh. Dayton.

City cont. 16 arcs $60 per yr; 40 incs. $20 per yr.
G L W 3 23

**NEW BRIGHTON,** 8,329 — Beaver County Lt. Co. Office, 435 Sixth Ave., Pittsburg. (Consol. Valley Elec. Co., Rochester Elec. Co., Beaver River Pwr. Co., Beaver Valley Elec. Lt. & Pwr. Co. and Monaca Elec. Lt. Co.); pwr. plant at Fallston (no P. O.) (Controlled by Duquesne Lt. Co.); cap. auth. $1,000,000.
Pres. G. K. McGonnigle........Pittsburg
V. Pres. W. D. Maxwell.......... "
Sec. Albert Wolf.............. "
Treas. W. C. Sexton........... "
Mgr. S. J. Magee............Beaver Falls
Engr. Pwr. Sta. A. H. McBride..Fallston

7 a. c. West. tot. 2080 kw. 2200 v. 2 ph. 60 cys; 2 arc mch. Wood, Brush tot. 155 lts; 7 rectifiers G. E, West. tot. 500 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 2 ph. 60 cys; 2750 kw. stm. turb. West, Parsons; 1650 hp. b. Bab. & W; 500 hp. turb. (wtr.) Smith; 13,200 v. trans. to sub. stas. at Rochester and Beaver Falls.

City cont. 500 arcs West., G. E. (magnetite) 4 amp. $62.50 per yr; 275 Tung 80 c. p. $26 per yr; all nt; coal $2.10. (Co. also lts. Freedom, Rochester, E. Rochester, Bridgewater, Paterson Heights, Monaca, Beaver, Fallston, Eastvale, Vanport and Beaver Falls.)
D L S W 2 ✣ ★16

**NEW CASTLE,** 36,280—New Castle Elec. Co. (Controlled by the Republic Ry. & Lt. Co.); cap. auth. & issued $300,000; bds. auth. $200,000 5 p. c. int.
Pres. R. P. Stevens......Youngstown, O.
V. Pres. R. Montgomery.. "
Treas. E. G. Dunlap...... "
Mgr. E. H. Beil.......... "
¶ Pur. Agt. C. O. Bailey.. "
Supt. J. C. Chestnut..........New Castle

Energy from Youngstown & Sharon St. Ry. Co. at Lowellville, O.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 381 arcs 4 amp. magn. $48 per yr; 110 Mazdas 80 c. p. $23 per yr; all nt; coal. (Also lts. So. New Castle.)
D L 2 ✣ 125

**NEW CUMBERLAND,** 1,472 — The United Elec. Co. See Lemoyne.

**NEW FREEDOM,** 726—Munic. Elec. Lt. Plant.
Vil. Pres. Dr. J. L. Yeagle..New Freedom
V. Pres. Jno. Zellers...... "
Actg. Sec. George L. Hartenstein "
Treas. T. F. Gale.......... "
*¶Mgr. Cont. Agt. &
Engr. Pwr. Sta. P. L. Hedrick "

2 a. c. Ft. W. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. H. F. & M; 200 hp. b. York.

65 city incs. series 4.4 amp; all nt; coal $3. (Co. sells energy to Railroad Elec. Lt. & Pwr. Co.)
D L S 3 ✣ 25

**NEW HOLLAND,** 1,106—Edison Elec. Co. See Lancaster.

**NEW HOPE,** 1,218—New Hope Elec. Co. (Stock owned by Lambertville (N. J.) Public Service Co.)

Energy from Lambertville Public Service Co.

City cont. 28 arcs 100 w. $30 per yr.
L 115

**NEW KENSINGTON,** 7,707 — Allegheny Valley Lt. Co. (Controlled by West Penn Trac. Co.).
Pres. Williston Fish............Pittsburg
V. Pres. & Gen. Mgr.
—— —— .................. "
Sec. C. W. Scheck............... "
Treas. H. S. Swift.............. "
¶ Pur. Agt. H. E. Burns........ "
Sales Mgr. Thos. S. Henderson.. "
Supt. Ltg. H. P. Chambers...... "
Supt. J. G. Griffith.....New Kensington

Energy purchased from Allegheny Valley St. Ry. Co. 22,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys.

City cont. 32 G. E. enc. arcs 6.6 amp; 232 tungs. 60-200 c. p; all nt. (Co. also lts. Arnold, Springdale, Parnassus and Cheswick.)
D L 1 2 3 ✣ 75W

**NEW KINGSTOWN,** 400—New Kingston Elec. Lt., Ht. & Pwr. Co.
Pres. C. L. Bernheisel....New Kingstown
V. Pres. Chas. Hetrick... "
*Sec. & Treas.
John Hetrick .......... "

Energy purchased from The United Electric Co.; a. c. ltg. cir. 110 v; a. c. mo. cir. s. ph. 60 cys.
L 1 §105

**NEWMANSTOWN,** 612 — *Lebanon Valley Lt. & Pwr. Co. (Absorbed the Newmanstown Elec. Lt. & Pwr. Co.). Gen. office, Benedum-Trees Bldg., Pittsburg.
Engr. Pwr. Sta.
Harry Eisley ..............Newmanstown

1 a. c. E. M. Co. 90 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. & pwr. cir. 110 v. s. ph. 60 cys; 150 hp. e. Erie; 150 hp. b. Erie.

City cont. arcs $65 per yr; incs. 32 c. p. $18 per yr; coal $2.50. (Co. also lts. Richland, Sheridan, Schaefferstown and Kleinfeltersville.)
D L S 1 3 ✣ ★125

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Berkshire Elec. Co, See Wernersville.

**NEW MILFORD,** 654—New Milford Lt. & Pwr. Co; cap. $8,400.
Pres. & Gen. Mgr.
Charles N. Wood..........New Milford
*Sec. E. W. Morgan........ "
Treas. A. E. Snyder......... "
Engr. Pwr. Sta. Olney Vary. "

1 a. c. G. E. 37½ kw. 2300-104 v. 3 ph. 60 cys; no day cir; 50 hp. e. Erie; 55 hp. b.

City cont. 45 incs. 2.7 amp; moonlt; coal.

L S 3 73

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Susquehanna County Lt. & Pwr. Co. See Susquehanna.

**NEWPORT,** 2,009—Perry Elec. Lt., Ht. & Pwr. Co.; cap. $50,000; bds. $10,000.
¶ Pres. & Mgr. Edw. E. Marshall
Bullitt Bldg., Philadelphia
V. Pres. Alfred Marshall......Langhorne
*Sec. Wm. Dorwart.............Newport
Treas. F. W. Marshall........Langhorne

2 a. c. West. Stan. tot. 285 kw. 2200-110 v. 2 ph. 60 cys; a.c. nt. ltg. cir. 72 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. mo. cir. 100 kw. 2200 v. 2 ph. 60 cys; 250 hp. e. Erie; 300 hp. b. Bab. & W.

City cont. 14 encs. arcs $75 per yr; 98 incs. 112 w. $15 per yr; all nt; coal $2.75, gas. (Co also lts. Millerstown and New Bloomfield.)

D L S 2 ✠ 125

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Langhorne Elec. Lt. & Pwr. Co. See Langhorne.

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Luzerne County Gas & Elec. Co. See Plymouth.

**NEWTOWN,** 1,675—Bucks County Elec. Co. Office, 133 So. 5th Street, Phila. (Leased to and operated by Bucks County Interurban Ry. Co.); cap. $60,000.
Pres. Sydney L. Wright.............Phila.
V. Pres. & Mgr.
Gaylord Thompson ........Newtown
*Sec. & Treas. Walter T. Bilyeu....Phila.
Engr. Pwr. Sta. George Ettenger. Newtown

2 a. c. G. E. tot. 120 kw. 1100 v. s. ph. 125 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 175 hp. e. H., F. & M, McEwen; 440 hp. b. Bab. & W.

City cont. 71 tung. 40 watt $25 per yr; all nt; coal $3.30. (Co. also lts. Wycombe.)

D L S 1 ★125

**NEWVILLE,** 449—Big Spring Elec. Co.; cap. $15,000; bds. $15,000.
Pres. John Hosfeld.........Shippensburg
¶Sec. C. W. Harman ...... "
*Treas. H. Heller.................Newville
Supt. Geo. Plough.............. "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day cir. 110 v; mo. cir. 220 v; 70 hp. e. Phoenix; 80 hp. b. Phoenix; 100 hp. wtr. wh. Lef.

City cont. 21 arcs 450 w. $65 per yr; 9 incs. 40 c. p. $24 per yr; moonlt; coal $2,90.

D L S W 3 ✠ 119

**NEW WILMINGTON,** 891 — Munic. Lt. Plant.
Pres. of Council
G. E. Thompson......New Wilmington
Sec. Wm. McElwel..... "
Treas. W. K. Robinson. "
*¶Mgr., Cont. Agt.
& Engr. Pwr. Sta.
J. B. Anderson..... "

1 d. c. West. 50 kw. 250 v; d. c. nt. ltg. cir. 255-220 v; 75 hp. e. gas Marinette.

65 city incs. 60 w. 8 cts. per kw. hr; midnt. & morning hrs. gas 20 cts.

C G L 125

**NICHOLSON,** 852—Nicholson Lt., Ht. & Pwr. Co.; cap. outs'g. $7,000; no bds.
Pres. James G. Sanderson.......Scranton
¶V. Pres. & Mgr. F. E. Beers.... "
Sec. Jesse Dimmich.....New York, N. Y.
*Treas. & Cont. Agt.
William S. Decker.............Nicholson

Purchases energy from the Scranton and Binghamton R. R. Co. 3 ph. 60 cys; 5 transf. Ft. W. tot. 35 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 45 incs. 40 w. $15 per yr.; moonlt.

D L 3 16

**NORRISTOWN,** 27,875—Counties Gas & Elec. Co. Office, 1401 Arch St., Phila. (Consolidation of the gas and electric properties at Norristown, Conshohocken, Ardmore and Wayne.) (Leases the Eureka Elec. Lt., Ht. & Pwr. Co. of Llanerch.) (The United Gas Improvement Co. is interested in this company); cap. $5,400,000; bds. $3,095,000.
Pres. Samuel T. Bodine......Philadelphia
V. Prests.
Walton Clark... "
J. D. McIlhenny "
Lewis Lillie..... "
Paul Thompson. "
Sec. G. W. Curran........... "
Treas. James Ball............. "
¶ Pur. Agt. J. A. Pearson... "
Mgr. H. H. Ganser
Norristown & Conshohocken

3 a. c. G. E. tot. 1500 kw. 2300 v. 2 ph. 60 cys; 4 d. c. G. E. tot. 580 kw. 250 v; 1 arc Brush 45 lts; a. c. & d. c. day & nt. ltg. cir. 110 v.; a. c. & d. c. day & nt. mo. cir. 220 v; 1800 hp. e. Ames, Penn; 1000 kw. stm. turb. G. E.; 1788 hp. b. Heine.

City cont. 43 arcs series 9.6 amp. $59 per yr; 125 incs. mult. $16; all nt; coal $2.75. (Co. also lts. Bridgeport, Ardmore, Lower and Upper Providence, Collegeville, Trappe, East and West Norristown, Learned and Jeffersonville.)

C D L S 2 ✠ 25

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Munic. Elec. Lt. Plant; cost $43,868.
Elec. Lt. Comm. Pres. Elihu Roberts. .
Rush B. Smith....... Norristown
¶ Sec. G. R. Kite............. "
*Supt. & Elec. Engr.
W. G. Risdon................ "

1 a. c. G. E. 25 kw. 1150-110 v. s. ph. 125 cys; 1 rect. 17 kw; 2 d. c. arc G. E. tot. 300 lt; no day cir; 250 hp. e. Stearns, Erie; 288 hp. turb. (wtr.) Leffel; — hp. b. Newbold.

225 city arcs magn. 600 c. p. $40.50 per yr; 210 series incs. "C" 100 c. p. $11 per yr; 738 Mazdas 60 w; all nt.

L S W 1 26

**NORTHAMPTON,** 8,729—Lehigh Valley Lt. & Pwr. Co. See Catasauqua.

**NORTH BEND,** 800—Renovo Edison Lt., Ht. & Pwr. Co. See Renovo.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 16

**NORTH BRADDOCK,** 11,824—Duquesne Lt. Co. See Pittsburg.

**NORTH EAST,** 2,672—Erie Ltg. Co. See Erie.

**NORTHUMBERLAND,** 3,517—Northumberland County Gas & Elec. Co. See Sunbury.

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Columbia & Montour Elec. Co. See Bloomsburg.

**NORTH WALES,** 1,710—Philadelphia Suburban Gas & Elec. Co. For executive officers, see Phila.
Dist. Supt. G. R. Rogers.......No. Wales

Energy purchased from Lehigh Valley Transit Co; 2 transf. W. E. tot. 300 kva; 2 freq. chgr. West. tot. 200 kva; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

D L 1 3 ✠ ★26

**NORWOOD,** 1,668 — Delaware County Elec. Co. See Lansdowne.

**OAKDALE,** 1,353—West Penn Ltg. Co. See McDonald.

**OAKHURST,** 2,323—Duquesne Lt. Co. See Pittsburg.

**OAKMONT,** 3,436 — Duquesne Lt. Co. See Pittsburg.

**OIL CITY,** 15,657—Citizens' Lt. & Pwr. Co. (Owned and operated by The Citizens' Trac. Co.); cap. $75,000; bds. $36,000.

Pres. James Crosby Brown,
330 Chestnut St., Philadelphia
V. Pres. Chas. W. Welsh,
400 Chestnut St., “
Sec. John E. Zimmerman,
611 Chestnut St., “
Treas. B. W. Frazier, Jr.
132 So. 15th St., “
*Gen. Mgrs. Day & Zimmerman,
611 Chestnut St., “
Gen. Supt. J. H. McClure........Oil City

4 turbo-gen. Curtis G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.; 1500 hp. b. Geary, Oil City.

City cont. 180 a. c. enc. arcs 6.6 amp. $60 per yr; 156 tung. 75 w. $23 per yr; all nt; coal $1.40. (Co. also lts. Rouseville Boro and West End Boro.)

D L S 3 ✠ 16

**OLD FORGE,** 11,324—Scranton Elec. Co. See Scranton.

City cont. 62 arcs $60 per yr; 37 incs. $20 per yr.

L 26

**OLYPHANT,** 8,505—Munic. Elec. Lt. Plant; cost $35,000.

Pres. Bd. Jno. T. Mooney........Olyphant
*Sec. M. P. O'Malley.......... “
Treas. Jno. F. Jones............ “
Supt. & Ch. Engr. Pwr. Sta.
M. L. Fagan.................. “

2 a. c. West. tot. 450 kw. 2200 v. 2 ph. 60 cys; 1 rect. G. E. 100 kw; a. c. nt. ltg. & mo. cir; 150 hp. e. Fitch; 200 hp. b. Erie.

36 city arcs G. E. magn. 720 w; 97 series incs. 40 w; 39 mult. incs. 85 w; moonlt; all nt; coal $1.37.

L S 1 ★125

**ORWIGSBURG,** 1,801—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

Trans. 2300 v. 3 ph. 60 cys; 1 arc G. E. 50 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. s. & 3 ph. 60 cys.

City cont. 10 arcs magn. 320 w. $60 per yr; 25 tung. 40 w. $18 per yr; all nt.

D L 1 3 ✠ 16

**OSCEOLA MILLS,** 2,437—Penn Public Service Co. See Philipsburg.

**OXFORD,** 2,390 — Oxford Elec. Co. (Successor to Oxford Elec. Lt. & Pwr. Co.); cap. outstg. $10,000; bds. $47,000.

Pres. J. E. Ramsey ...........Swarthmore
V. Pres. Sam'l D. Ramsey..West Chester
*Sec. M. E. Snodgrass ...........Oxford
¶Treas. & Mgr. C. McCormick.... “

2 a. c. G. E. tot. 200 kw. 220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 275 hp. e. Ball, Fisher; 100 hp. b. Coates.

City cont. 9 lumn. arcs $75 per yr; 122 incs. 32 c. p. 3.5 amp. $17 per yr; moonlt: coal $3.13½.

D L S 1 3 ✠ ★125

**PALMYRA,** 1,300—Annville & Palmyra Elec. Lt. Co. See Annville.

**PARKER FORD,** 251 — Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Pottstown; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 26

**PARKESBURG,** 2,522—Chester Valley Elec. Co. See Coatesville.

**PARNASSUS,** 2,578—Allegheny Valley Lt. Co. See New Kensington.

**PARSONS,** 4,338 — The Wilkes-Barre Co. See Wilkes-Barre.

**PATTON,** 3,907—Geo. S. Good Elec. Co. (Controlled by Penn Central Lt. & Pwr Co. which see for executive officers.)

¶ Mgr. G. E. Prindible............Patton
Supt. & Ch. Elecn. Cecil Mitchell.. “
Ch. Engr. M. J. McNamara......... “

3 a. c. G. E. tot. 400 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 550 hp. e. Erie, Monarch; 650 hp. b. Keeler.

City cont. 25 arcs 2000 c. p. $60 per yr; 20 tung. 80 c. p. $21 per yr; all nt; coal $1.10.

D L S 1 3 ✠ 35

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United Elec. Lt. Co. See Wilmerding.

**PECKVILLE,** 5,344 — Blakely Boro. Elec. Lt. Plant (Munic.)

Pres. Bd. Harry Telford........Peckville
*¶Sec. C. J. Ganzemuller,
421 Hickory St. “
Treas. D. L. Thomas............Olyphant
Mgr. Thos. W. Grogan,
316 Main St., Peckville
Engrs. Pwr. Sta. { Floyd Gage..........Olyphant
{ Jerome Carey.......Peckville

2 a. c. Ft. W. Bull. tot. 500 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220 v.; 700 hp. e. Wright, H. F. & M; 550 hp. b. Keeler, Natl.

475 city Mazdas 60 w; all nt.; culm 70 cts. (Also lts. Blakely Boro.)

D L S 2 ★16

**PEN ARGYL,** 3,967 — Pennsylvania Utilities Co. See Easton.

Served from Diabole substa; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys.

City cont. 21 arcs magn. G. E. 4 amp. $60 per yr; 51 Mazdas 80 c. p. $19 per yr; all nt. (Trans. to Wind Gap.)

D L 3 16

**PENNSBURG,** 1,141—Pennsburg Elec Lt. Commission (Munic.); bds. $19,000

Pres. Bd. E. B. Staudt.........Pennsburg
*¶Sec. & Mgr. Hiram C. Wickert “
Treas. Geo. E. Hevener......... “
Ch. Engr. Addy Ziegler....... “
Engr. Pwr. Sta. Frank Smith.. “

3 a. c. C.-W, G. E. Ridg., tot. 312 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 110-220 v. s. & 3 ph. 60 cys; 475 hp. e. Ham, Ridge, Ames; 250 hp. b. Coates, Keeler.

29 city arcs G. E. 500 w; 27 incs. West. 100 w; all nt; coal.

D L S 1 3 ✠ ★125

**PENBROOK,** 1,462—Harrisburg Lt., Ht. & Pwr. Co. See Harrisburg.

**PERKASIE,** 2,779—*Munic. Elec. Lt. Plant.

Supt. Ltg. Dept. Edw. Frey..... Perkasie

L 28

**PETERSBURG,** 705 — Penn Hydro Elec. Co. (Pwr. Sta. Warrior Ridge.) Controlled by Penn Central Lt. & Pwr. Co. to whom all energy is sold.)

7 a. c. G. E. tot. 5500 kw. 2300 v. 3 ph. 60 cys; stor. bat. E. S. B. 110 v. 70 amp hrs; 3500 kw. turb. (stm.) G. E; 2400 hp

b. Edge; 2000 hp. turb. (wtr.) Smith; trans. 45,000 v. 3 ph. 60 cys.
S T W 3 35

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Penn Central Lt. & Pwr. Co. See Altoona.

**PHILADELPHIA**, 1,549,008—The Philadelphia Elec. Co. Office, 1000 Chestnut St. (Leases the following companies: Brush Elec. Lt. Co., Columbia Elec. Lt. Co., Cheltenham Elec. Lt., Ht. & Pwr. Co., Diamond Elec. Co., Edison Elec. Lt. Co. of Phila., Germantown Elec. Lt. Co., Kensington Elec. Co., Northern Elec. Lt. & Pwr. Co., Overbrook Elec. Co., Powelton Elec. Co., Pennsylvania Ht., Lt. & Pwr. Co., Southern Elec. Lt. & Pwr. Co., Suburban Elec. Co., West End Elec. Co., Wissahickon Elec. Lt. Co. and Manufacturers Elec. Co.) (Controlled by Philadelphia Elec. Co.); cap. $17,000,000; no bds.

Pres. Joseph B. McCall.......Philadelphia
1st V. Pres. W. H. Johnson.. "
2d V. Pres. Wm. C. L. Eglin. "
Sec. J. Morton Fultz......... "
Treas. H. C. Lucas............ "
Asst. Treas. A. V. R. Coe..... "
Audr. H. R. Kern............. "
Mgr. A. J. DeCamp........... "
¶ Pur. Agt. Jos. W. Derrick.. "
Cont. Agt. J. T. Maxwell..... "
Dist. Mgr. Joseph D. Israel.. "
Ch. Engr. Motive Pwr.
W. H. Norris.............. "

17 a. c. G. E. tot. 96 700 kw. 6000-2400-220-110 v. 2 ph. 25 & 60 cys; 2 turbo-gen. Curtis tot. 65,000 kva; 14 d. c. G. E. tot. 3512 kw. 140 v; 177 arc mchs. G. E. tot. 22,195 lts; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; d. c. mo. cir. 220 v; 21,325 hp. e. Weth, Cor, A. & S, Penna; 51,490 hp. b. Bab. & W, Edge; 143,596 hp. stm. turb. G. E, Curtis; 1800 kva. stor. bat. E. S. B.

City cont. 14,905 arcs d. c. open series 480 w. $87.74 per yr; 827 G. E. Tung. $19 per yr; all nt; coal $2.75.
C D L S 2 ✠ 125w

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Philadelphia Hydro-Elec. Co. Office, Witherspoon Bldg. Pwr. plant on Schuylkill Navigation Co.'s canal at Manayunk.
Pres. Samuel L. Kent.........Lansdowne
*Sec., Treas. & Mgr.
S. Leonard Kent, Jr......... "

4 a. c. West. tot. 1600 kva. 2400 v. 3 ph. 25 cys; 2616 hp. wtr. wh. Smith.

Entire output sold to Philadelphia Rapid Transit Co.
T W 3 75

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Philadelphia Suburban Gas & Elec. Co., Office, West Washington Square. (Operates gen. stas. in Phoenixville, Pottstown, West Chester and Cromby; also serves Frazer, Glenloch, Hatboro, Jenkintown, Kimberton, Linfield, Malvern, Mont Clare, Parker Ford, Port Kennedy, Royersford, Sanatoga, Spring City, Stowe and townships of Abington, Cheltenham, Gwynedd, Horsham, Moreland, Springfield, Upper Dublin and Whitemarsh.) (Owned and operated by the American Gas Co.); cap. outstg. $5,385,000; bds. $5,486,000.

Pres. Morris W. Stroud.............Phila.
V. Pres. S. P. Curtis............... "
Sec. W. L. Fox..................... "
Treas. J. B. Townsend, 3d......... "
Mgr. J. D. Shattuck............... "
¶ Pur. Agt. F. D. Wharton......... "
Engr. R. C. Cornish............... "
Elec. Engr. H. M. Blake........... "
L 26

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The American Gas Co., Offices, S. W. Cor. 3rd & Market Sts., Camden, N. J. and West Washington Sq., Phila. (Controls Burlington (Vt.) Lt. & Pwr. Co.; Winooski Valley Pwr. Co. (Burlington, Vt.); Peoples Elec. Lt. & Pwr. Co. (Essex Junct., Vt.); Kingston (N.Y.) Gas & Elec. Co.; Luzerne County Gas & Elec. Co. (Plymouth, Pa.); Waukesha (Wis.) Gas & Elec. Co.; Consolidated Lt. & Pwr. Co. (Kewanee, Ill.); St. Clair County Gas & Elec. Co. (Belleville, Ill.); Citizens Gas & Elec. Co. (Waterloo, Iowa); Phila. Suburban Gas & Elec. Co.; Ulster Elec. Lt., Ht. & Pwr. Co. (Saugerties, N. Y.) and Cedar Valley Electric Co. (Charles City, Ia.); cap. outstg. $6,448,200; bds. $3,515,500.

Pres. Morris W. Stroud.............Phila.
V. Pres. John C. Lowry............. "
Sec. & Asst. Treas. W. L. Fox....... "
Treas. & Asst. Sec. J. B. Townsend, 3d "
Gen. Mgr. S. P. Curtis............. "
¶ Pur. Agt. F. D. Wharton.......... "
Ch. Engr. R. C. Cornish............ "
*Elec. Engr. H. M. Blake........... "
26

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The American Railways Co., Office, 904-917 Witherspoon Bldg.; cap. $6,713,150 (com.), $2,000,000 (prfd.). (This company controls Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.; Bridgeton N. J.) Elec. Co.; Bridgeton & Millville Trac. Co.; Lynchburg (Va.) Trac. & Lt. Co.; Roanoke (Va.) Trac. & Lt. Co.; Chicago & Joliet Elec. Ry. Co., Joliet, Ill.; Home Elec. Lt. & Stm. Htg. Co., Tyrone, Pa.; People's Ry. Co., Dayton, O.; Scranton (Pa.) Ry. Co.; Springfield (O.) Ry. Co.; Chicago & Desplaines Valley Elec. Ry. Co., Joliet, Ill.; Ohio Valley Elec. Ry. Co., Huntington, W. Va; Consolidated Lt., Ht. & Pwr. Co., Huntington, W. Va.; Boyd County Elec. Co., Ashland & Cattlesburg, Ky.; Ironton (Ohio) Elec. Co. and Wilmington & Phila. Trac. Co.) (The National Properties Co. owns common stock.)

Pres. Van Horn Ely.................Phila.
V. Prests. { John Gribbel......... "
{ C. L. S. Tingley...... "
Sec. & Treas. W. W. Perkins....... "
Asst. Sec., Asst. Treas. & Compt.
Frank J. Pryor, Jr................ "
Asst. Compt. H. D. Anderson....... "
Gen. Mgr. H. J. Crowley........... "
¶ Pur. Agt. W. J. Mulholland....... "
★26

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Municipal Service Co. Office, 1330 Land Title Bldg., Phila. (Controls Chester Valley Elec. Co. (Coatesville, Pa.), Staunton (Va.) Ltg. Co., Sumter (S.C.) Ltg. Co., Valdosta (Ga.) Ltg. Co., Arlington (Va.) Elec. Co., Riverside Lt. & Pwr. Co. (Waynesboro, Va.) Alexandria (Va.) County Ltg. Co. and Salem (O.) Ltg. Co.); cap. outstg. (com.) $658,100, (pfd.) $592,800; bds. $1,381,000.

*Pres. H. T. Hartman...............Phila.
V. Pres. G. B. Baker............... "
Sec. J. W. Swain, Jr............... "
Treas. W. W. Brooks......Boston, Mass.
Asst. Sec. & Asst. Treas. Robt. Graham
Phila.
★16

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National Properties Co.—Gen. Office, Witherspoon Bldg. (Controls through ownership of stock, Water Co. of Tonopah, Nev., Chester County Lt. & Pwr. Co. of Penn. and New Castle County Elec. Co. of Delaware. Operates property of Jersey Central Trac. Co. Owns common stock of The American Railways Co.)

Pres. Van Horn Ely.........Philadelphia
V. Pres. A. C. Robinson,
Commonwealth Bldg., Pittsburgh, Pa.
Sec. & Treas. Alfred H. Newburger,
100 Broadway, New York City
Audr. H. D. Anderson,
15 Wall St., " "
26

Philadelphia Elec. Co. Office, 1000 Chestnut St., Philadelphia. (Controls following companies: Bala & Merion Elec. Co., Beacon Lt. Co. (Chester), Brush Elec. Lt. Co., Cheltenham Elec. Lt., Ht. & Pwr. Co., Columbia Elec. Lt. Co., Delaware County Elec. Co., Diamond Elec. Co., Edison Elec. Lt. Co. of Phila., Hamilton Elec. Co., Kensington Elec. Co., Keystone Lt. & Pwr. Co., Manufacturers Elec. Co., Northern Elec. Lt. & Pwr. Co., Overbrook Elec. Co., Pennsylvania Ht., Lt. & Pwr. Co., The Philadelphia Elec. Co., Philadelphia Elec. Ltg. Co., Powelton Elec. Co., Southern Elec. Lt. & Pwr. Co., Suburban Elec. Co., United States Elec. Ltg. Co., West End Elec. Co. and Wissahickon Elec. Lt. Co.; cap. issued $24,981,750 (90 p.c. paid); trust certificates, $28,276,502.

Pres. Joseph B. McCall......Philadelphia
V. Pres. W. H. Johnson...... "
Sec. A. V. R. Coe.............. "
Treas. H. C. Lucas............ "
*Mgr. A. J. De Camp........ "
Audr. H. R. Kern............. "

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The United Gas Improvement Co. Office, Broad & Arch Sts. (Interested in the following electric properties: Charleston (S. C.) Consolidated Ry. & Ltg. Co., Counties Gas & Elec. Co. (Norristown. Pa.), Fulton County Gas & Elec. Co. (Gloversville, N. Y.), Northern Indiana Gas & Elec. Co. (Hammond, Ind.), Sioux City (Iowa) Gas & Elec. Co., Syracuse (N. Y.) Ltg. Co. and West Hammond (Ill.) Gas & Elec. Co.); cap. auth. $55,520,700; issued $55,502,950.

Pres. S. T. Bodine...........Philadelphia
V. Pres. Randal Morgan..... "
2d V. Pres. Walton Clark.... "
3d V. Pres. Lewis Lillie..... "
4th V. Pres. W. F. Douthirt "
5th V. Pres. Paul Thompson "
*Sec. G. W. Curran.......... "
Treas. I. W. Morris .......... "
Gen. Audr. R. C. James.... "
¶ Pur. Agt. J. A. Pearson... "
Mgr. New Business Dept.
C. W. Hare.................. "
Sales Agt. D. J. Collins..... "

55w

**PHILIPSBURG,** 3,585—Penn Public Service Co. See Clearfield.

5 a. c. West. tot. 6650 kw. 2400 v. 3 ph; 4 rectifiers tot. 125 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 2 ph. 60 cys; 1000 hp. e H. F. & M; 3600 hp. b. Stir., Baker, Phoenix; 5750 kw. (stm.) turb. West.

City cont. 48 arcs magnetite 4 amp. 2000 c. p. $67.50 per yr; all nt; coal $1.30. (Trans. to Osceola Mills, Houtzdale, Madera, Ramey, Blue Ball, Sandy Ridge, Morrisdale, Winburne, Munson, South Philipsburg and Chester Hill.)

D L S 2 ✠ 16

**PHOENIXVILLE,** 10,743—Philadelphia Suburban Gas & Elec. Co. (Gen. stas. at Phoenixville and Cromby.) For executive officers, see Philadelphia.

Div. Mgr. Thos. E. Spence...Phoenixville

3 d. c. tot. 975 kw. 550 v; 3 a. c. West. tot. 1100 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lts; trans. volt. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir, 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d.c. pwr. cir. 550 v; 1200 hp. e. Bckye, 750 hp. turb. G. E; 1848 hp. b. Heine; 475 hp. wtr. wh. Operates in parallel with Pottstown and West Chester.

City cont. 34 acres magn. 4 amps. $65 per yr; 255 incs "C" 100 w; $20 per yr; all nt; coal $2.75. (Trans. to Mont Clare, Linfield, Kimberton, Port Kennedy, Royersford and Spring City.)

D L S W 3 ✠ ★26

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Phoenix Wtr. Pwr. Co. gen. sta. at Black Rock Dam; cap. outstg. $499,935; bds. $50,000.

Pres. Charles S. King.....Camden, N. J.
V. Pres. Adam L. Landis...Bird-in-Hand
*Sec. Edmund S. Fritz.........Pottstown
Treas. D. C. Kallbach............Reading
Gen. Supt. W. D. Jones .....Phoenixville

3 a. c. G. E. tot. 1095 kva. 2400 v. 3 ph. 25 cys; 1200 hp. wtr. wh. Smith.

Energy sold in bulk to Metropolitan Elec. Co.

T W 3 §115

**PINE GROVE,** 3,000—Pine Grove Elec. Lt., Ht. & Pwr. Co.

Pres. Wallace Drumhiller......Lansford
*¶ Sec., Mgr. & Cont. Agt.
H. L. Troxell.................Pine Grove
Treas. E. J. Thomas.............Lansford

1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. nt. ltg. cir. 108-112 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. (gas) B. & Mac; 125 hp. gas pro. Smith.

City cont. 55 incs. series 32-100 c. p; all nt; coal.

D G L 3 16

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State Centre Elec. Co.. See State College.

**PITCAIRN,** 4,975—Munic. Elec. Lt. Plant; cost $35,649.35; bds. $15,700.

*Pres. of Council, J. F. Courson..Pitcairn
¶ Clerk, J. H. Travis............. "
Treas. 1st Natl. Bank............. "
Mgr. & Chmn. of Lt. Com.
P. H. Lichtenfels.............. "
Engrs. Pwr. Sta. { W. H. Portzer.......... "
Alfred Johnston......... "

3 a. c. West. tot. 690 kw. 2200v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 335 hp. e. (gas) Marinette, West.

53 city arcs A. B. series enc. 6.6 amp. $50 per yr; all nt; nat. gas 27½ cts. to 15 cts. per M.

D G L S 1 113

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Duquesne Lt. Co. See Pittsburgh.

**PITTSBURGH,** 533,905—Duquesne Lt. Co. Office, 435 6th Ave. (Eight gen. stas.) (Purchased the property of the Pittsburg City Lt. & Pwr. Co.) (Owns a majority of the cap. stock of the Penna. Lt. & Pwr. Co.; also controls Midland Elec. Lt. & Pwr. Co. and Beaver County Lt. Co. (Owned by The Phila. Co., Pittsburgh.); cap. outstg. $25,000,000 com. & $10,000.000 pfd; issued $21,569,000 (owned by Phila. Co.) and $5,068,000 pfd. (owned by public).

Pres. Jas. D. Callery..........Pittsburgh
V. Prests. { J. H. Reed.......... "
S. L. Tone.......... "
Controller, C. S. Mitchell....... "
Sec. W. B. Carson................ "
Treas. C. J. Braun, Jr........... "
Gen. Mgr. R. S. Orr.............. "
Audr. J. A. Meade............... "
¶ Pur. Agt. C. W. Lepper....... "
Gen. Agt. W. A. Donkin......... "
Gen. Cont'g Agt. Henry Harris . "
Supt. of Distrib. H. N. Muller.. "
Ch. Engr. F. Uhlenhaut, Jr.... "
Supt. Pwr. Sta. J. M. Graves.... "

20 a. c. West. tot. 92,750 kw. 11,000 v. 3 ph. 60 cys; 26 d. c. West. tot. 18.850 kw. 600 v; 23 rect. G. E. & West. tot. 555 kw; 32 arc Brush tot. 1900 kw; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 2 & 3 ph. 60 cys; d. c. mo. cir. 500 v.; 40,000 hp. e. R. & S., Penna, Green; 85,200 kw. turb. (stm.) West; 65,152 hp. b. Sterling, Bab. & W; stm. htg.

City cont. 4939 arcs G. E., A. B. West. 500 & 300 w. $57.50 (ovhd.) per yr, & $72.50 (undergrd.) per yr.; 565 incs. 100 w. $20

ovhd.) per yr. & $43 (undergrd.) per yr. nd 250 w. $38 (ovhd.) per yr. & $58 undergrd.) per yr; dusk to dawn; oal $1.25. (Co. also lts. McKees Rocks, Sheridan, Esplen, Elliott, Crafton, Carnegie, Homestead, Edgewood, Rankin, Braddock, North Braddock, East Pittsburgh, Turtle Creek, Wilmerding, Pitcairn, Trafford, Duquesne, Oakmont, Oakhurst, Crafton, Verona, Wilkinsburg, Bellevue, Ben Avon, Avalon, Bridgeville, Clairton, Dravosburg, Versailles, Knoxville, Carrick, St. Clair, Baldwin, Hays, West View, Mt. Oliver and McKeesport; also Reserve, Scott and Stowe townships).
C D H N S 2 3 ★125

The West Penn Elec. Co. Operating office, Connellsville. Serves Connellsville, So. Connellsville, Scottdale, Mt. Pleasant, Vanderbilt, Uniontown, Brownsville, So. & W. Brownsville, Charleroi, California, Coal Center, Derry, Monesson, Donora, Everson, Elizabeth, W. Elizabeth, Belle Vernon, N. Belle Vernon, Speers, Stockdale, Fayette City, Fairchance, Latrobe, Monongahela, Masontown, Elco, Smithfield, West Newton, Youngstown, Roscoe, Finleyville, Dawson, Point Marion, Bentleyville, New Eagle, Smithton and Sutersville.) (Controlled by West Penn Trac. Co.)
Pres. Williston Fish
345 Fourth Av., Pittsburgh
V.Pres. & Gen.Mgr. ———
Sec.& Treas. H. S. Swift
345 Fourth Av., "
¶ Pur. Agt. H. E. Burns
First Natl. Bk. Bldg., "
Sales Mgr. Thos. S. Henderson "
Supt. Ltg. W. R. Kenney...Connellsville
Elec. Engr. C. V. Elliott.... "
Asst. Elec. Engr. C. I. Cottom "

Energy purchased from West Penn Rys. Co., 22,000 v; a. c. day & nt. ltg. cir. 10 v. 60 cys; a. c. day & nt. mo. cir. 110-20-440 v. s. 2 & 3 ph. 60 cys.

City cont. 1155 arcs 600 w. $60 to $90 per yr: 271 incs. 16-32-40 c. p. $16, $18, $24 per yr; all nt. moonlt; coal $1.10 & 90 cts. (For towns lighted see above.)
D N 1 2 3 ✠ 75w

Philadelphia Co., 435 6th Ave. (Controls Duquesne Lt. Co., Consol. Gas Co., South Side Gas Co., Phila. Co. of W. Va., Equitable Gas Co., Pittsburgh & West Virginia Gas Co., Allegheny Htg. Co., The Beaver Valley Trac. Co. and Pittsburgh Rys. Co.); cap. stk. com. $40,443,000; 6 p. c. cum. pref. $6,171,600; 5 p. c. non-cum. pref. $2,033,400; bds. auth. $22,000,000, issued $21,648,000.
Pres. J. H. Reed.......... } 435 6th Ave.,
V. Pres. Jas. D. Callery.... } Pittsburgh
Sec. W. B. Carson.......... "
Treas. C. J. Braun, Jr....... "
Comptr. C. S. Mitchell..... "
Pur. Agt. J. H. Reed, Jr.. "
Gen. Mgr. Jos. F. Guffey... "
Cont. Agt. S. B. Stewart.... "
Gen. Supt. W. L. McCloy... "
125

West Penn Trac. Co. Office, First Natl. Bk. Bldg. (Holding company and controls The West Penn Elec. Co., West Penn Ltg. Co., West Penn Lt. & Pwr. Co., Kittanning Elec. Lt. Co., Interborough Elec. Co., Westmoreland Elec. Co., Butler Lt., Ht. & Motor Co., Allegheny Valley Lt. Co., Mingto Jct. (O.) Lt. Co., West Penn Rys. Co., Pittsburg & Allegheny Valley Trac. Co., Allegheny Valley St. Ry. Co., Kittanning & Leechburg Rys. Co., Latrobe St. Ry. Co., Wheeling Trac. Co., Pittsburg, McKeesport & Greensburg Ry. Co. and Oakdale & McDonald St. Ry. Co.) (Controlled by West Penn Trac. & Wtr. Pwr. Co., which is in turn controlled by American Wtr. Wks. & Elec. Co.)
Chrmn. Bd. Guy E. Tripp
165 Broadway, New York, N.Y.
Pres. Samuel Insull..........Chicago, Ill.
1st V. Pres & Gen.Mgr. ———
Pittsburgh
2d V. Pres. &Compt. } 345 Fourth Ave.,
Williston Fish...... } Pittsburgh
Sec. R. B. Keating
165 Broadway, New York, N. Y.
Treas. H. S. Swift
345 Fourth Av., Pittsburgh
Asst. Gen. Mgr. J. S. Jenks
First Natl. Bk. Bldg., Pittsburgh
¶ Pur. Agt. H.E. Burns " "
Dir. of Engrg.
E. M. Balsinger...... " "
Audr. C. C. McBride
345 Fourth Av., Pittsburgh
85w

West Penn Trac. & Wtr. Pwr. Co. Office, 223 Fourth Avenue, Pittsburgh. (Controls West Penn Trac. Co. and Hydro-Elec. Co. of West Va., and is itself controlled by the American Wtr. Wks. & Elec. Co.)
Chrmn. Bd. Guy E. Tripp
165 Broadway, New York, N. Y.
Pres. Samuel Insull.........Chicago, Ill.
1st V. Pres. & Mgr. ———
Pittsburgh
2d V. Pres. & Compt.
Williston Fish................. "
3d V. Pres. & Sec. R. B. Keating
165 Broadway. New York, N. Y.
Treas. H. S. Swift...............Pittsburgh
85w

**PITTSTON**, 16,267—Citizens' Elec. Illg. Co.; cap. $200,000; no bds.
*¶ Pres. & Mgr. K. J. Ross.....Pittston
V. Pres. J. L. Cake................ "
Sec. & Treas. C. A. Howitz.....Scranton
Supt. C. F. Nagle...................Pittston

1 arc West. 35 kw; 5 a. c. West, Allis-C. Bull, Natl. Stan. tot. 1125 kw. 2400-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1300 hp. e. Ball, Fitch; 1200 hp. b. Bab. & W.

City cont. 400 arcs 450 w, $57 to $65 per yr; 375 series incs. 88 w. $15.50 per yr; all nt; coal. (Co. also lts. Exeter Boro. Jenkins Twp., Duryea and W. Pittston).
D L S 2 ✠ 72

**PLAINS**, 2,000—The Wilkes-Barre Co. See Wilkes-Barre.

**PLYMOUTH**, 27,919—Luzerne County Gas & Elec. Co. Office, Kingston. Gen. sta. at Plymouth. (Controlled by The American Gas Co., Phila.); cap. $2,090,000; bds. $2,146,000.
Pres. Morris W. Stroud.............Phila.
V. Pres. & Gen. Mgr. S. P. Curtis.. "
Sec. W. L. Fox...................... "
Treas. Jos. B. Townsend, 3d....... "
¶ Pur. Agt. F. D. Wharton.......... "
Elec. Engr. H. M. Blake............ "
Mgr. A. J. Llewellyn.............Kingston
Engr.Pwr.Sta. I.J.Hendershot..Plymouth

3 a. c. turbo-gen. G. E, West. tot. 7500 kw. 2300 v. 2 ph. 60 cys; trans. volt. 18,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 60 cys; 4200 hp. b. Keeler.

City cont. 1162 a. c. arcs enc. 7.5 amp. $65 per yr; all nt. (Transmits to and operates in Nanticoke, Wyoming, W. Wyoming, Larksville, Kingston, Dorranceton, Edwardsville, Luzerne, Forty Fort, Sugar Notch, Warrior Run, Dallas, Courtdale. Swoyerville and townships of Hanover, Newport, Dallas, Shickshinny, Plymouth, Pringle and Jackson.)
D L S 2 2 ✠ 26

Counties Gas & Elec. Co. See Conshohocken.

**POINT MARION,** 2,500—The West Penn Elec. Co. See Pittsburgh.

**PORT CARBON,** 2,678—Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

**PORT KENNEDY,** 490—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Phoenixville; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 26

**POTTSTOWN,** 15,599 — Philadelphia Suburban Gas & Elec. Co. See Phila.

Mgr. Emil Brenner............Pottstown

2 a. c. Westg. turbo-gen. tot. 1560 kva. 4000 v. 3 ph. 60 cys; 1 d. c. West. 200 kw. 550 v; 3 rect. tot. 150 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. pwr. cir. 500 v; 275 hp. e. Ball; 1014 hp. b. Keeler. Operates in parallel with Phoenixville and West Chester Stations.

City cont. 100 arcs magn. 4 amp. $67.50 per yr; 100 incs. series 32 c. p. $19.50 per yr; all nt; coal $2.75. (Trans. to Sanataga, Stowe, Parker Ford and Linfield, also sells energy to Pottstown and Phoenixville Ry. Co.)

C D L S 3 ★26

**POTTSVILLE,** 20,236 — Eastern Penn. Lt., Ht. & Pwr. Co. Office, 210 S. Center St.; pwr. plant in Palo Alto. (Consol. Edison Elec. Illg. Co. of Pottsville, Ashland and Tamaqua, Frackville & Gilberton Lt., Ht. & Pwr. Co., Minersville Elec. Lt. Co. and Orwigsburg Lt., Ht. & Pwr. Co., and is itself controlled by Eastern Penn. Rys. Co.); cap. $1,000,000; bds. $533,000.

Pres. C. A. Greenidge
43 Exchange Pl., New York, N.Y.
V. Pres. J. H. Pardee " " "
*Sec. Treas. & Asst. Mgr.
Van Dusen Rickert........... Pottsville
Op. Mgrs. J.G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
Audr. Geo. B. Erdman ..........Pottsville
¶ Mgr. W. B. Rockwell......... "
Cont. Agt. W. G. Long.......... "
Elec. Supt. Ira G. Walborn..... "
Engr. Pwr. Sta. W. P. Supplee.. "

7 a. c. G. E, Allis-C. tot. 3600 kw. 2300 v. 3 ph. 60 cys; 3 d. c. Walker tot. 1050 kw. 500 v; 5 arc G. E. tot. 250 lt; a. c. & d.c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 280 v. s. 2 & 3 ph. 60 cys; d.c. mo. cir. 230 v. 3 wire; 5450 hp. e. Frick, Allis-C, Weth; 4135 hp. b. Bab. & W, Heine, Keeler; 1000 kw. stm. turb. Allis-C.

City cont. 440 magn. arcs 320 w. $60 per yr; 263 Tung. 60 w. $18 per yr; all nt; coal $1.15 and $1.75. (Co. also lts. Port Carbon, Palo Alto, Tamaqua, Minersville, Orwigsburg, Frackville, Girardville, Gilberton, Cressona, Ashland and Mt. Carbon.)

C D L S 1 2 3 ✠ 16

**PRINGLE,** 1423—Luzerne County Gas & Elec. Co. See Plymouth.

**PROSPECT PARK,** 1,655—Delaware County Elec. Co. See Lansdowne.

**PUNXSUTAWNEY,** 10,000—Jefferson Elec. Co. (Controlled by the United Service Co.); cap. $200,000; bds. $200,000.

Pres. Thos. R. Brooks...........Scranton
V. Pres. C. R. Bedford......... "
Sec., Treas. & Gen. Mgr.
L. H. Conklin.................. "
Mgr. W. M. Krise........Punxsutawney

2 a. c. G. E. tot. 1250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 1250 kw. stm. turb. G. E, Curtis; 600 hp. b. Erie.

City cont. 124 arcs G. E. Lum. 4 amp. $60 per yr; all nt; coal $1.18.

D L S 3 36

**QUAKERTOWN,** 3,801—Munic. Elec. Lt. Plant; cost $50,000; bds. $15,000.

*¶Supt. J. B. Taylor..........Quakertown

3 a. c. G. E, Ft. W. tot. 450 kw. 2400 v. 3 ph. 60 cys; 2 rect. G. E. 100 lt; a. c. day & nt. ltg. cir. 120 v. 60 cys; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 400 hp. e. A. & S, Ames, B. & W; 450 hp. b. Heine.

72 city arcs G. E. magn. 4 amp; 40 incs. 4 amp. series 80 c. p; coal $3.35.

D L S 3 ★125

**RAILROAD,** 308—Railroad Elec. Lt. & Pwr. Co.; cap. outstg. $2,525.

Pres. H. G. Silling................Railroad
Sec. John Keller..............Shrewsburg
*¶Treas. & Mgr. Edward Helb...Railroad

Energy purchased from City of New Freedom; a. c. day & nt. ltg. & mo. cir.

City cont. 1 arc 250 w; 19 incs. 60 w. $16 per yr; 11 P.M. & 5 A.M. to daylt. & 12 P.M. Sat.

D L X §16

**RANKIN,** 6,042—Duquesne Lt. Co. See Pittsburgh.

**RAUBSVILLE,** 110 — Clymer Pwr. Co. Office, Riegelsville; cap. $60,000; no bds.

Pres. B. F. Fackenthal, Jr....Riegelsville
*Sec. & Treas. Lee S. Clymer.. "

2 a. c. Natl. 750 kw. 15,000-375 v. 3 ph. 25 cys.; 1150 hp. turb. (wtr.) Maynard; 1000 hp. op. by wtr. pwr. from Lehigh Navigation Elec. Co. (Co. sells pwr. to Phila. & Easton Elec. Ry. Co. and Penna. Utilities Co.)

T W 3 125

**READING,** 96,071—Metropolitan Elec. Co. Office, 16 So. Fifth St. (Controlled by the United Trac. Co. of Reading, and leased to the Reading Transit & Lt. Co., which is a subsidiary of the Eastern Pwr. & Lt. Corpn.); cap. $3,000,000; bds. $2,773,500.

Pres. & Gen. Mgr. E. L. West.....Reading
1st. V. Pres. Joseph B. Taylor
50 Pine St., New York, N. Y.
2d. V. Pres. Thos. Cheyne........Reading
Sec. J. R. Fusselman
50 Pine St., New York, N.Y.
Treas. E. D. Gault................Reading
¶ Pur. Agt. Harry Riegel........ "
Gen. Supt. Lt. & Pwr. C. C. Long "
Supt. Distrib. J. C. Eyler........ "
Engr. Pwr. Sta. E. L. Anthony.. "

3 a. c. Allis C. tot. 13,500 kw. 13,200 v. 3 ph. 60 cys; 14 rect. tot. 370 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. ltg. cir. 115 v; d. c. mo. cir. 230 v; 13,500 kw. stm. turb. Allis-C; 10,000 hp. b. Edge.

City cont. 911 magn. arcs 4 amp. $67.50 per yr; 786 series tung. 75 w. $19.20 per yr; all nt; coal $2.65. (Co. also lts. Mohnton and sells energy to Neversink Mt. Ry. Co., North Lancaster County Elec. Co. and United Trac. Co.)

D L S W 1 3 ✠ ★16

**RED LION,** 2,092—Edison Lt. & Pwr. Co. See York.

**RENOVO,** 4,621 — Renovo Edison Lt., Ht. & Pwr. Co. Office, 504 Erie Ave.; cap. outstg. $100,000; bds. $30,000.

*Pres. Jas. Murphy................Renovo
Sec. & Treas. W. J. Murphy..... "
¶ Mgr. F. M. Noecker. ......... "
Ch. Engr. & Elecn. Jas. Falconer "

2 a. c. G. E. tot. 700 kw. 2300 v. 3 ph. 60 cys; 6 d. c. G. E. tot. 450 kw. 110 v; 2 rect. G. E. 100 lt; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 60 cys; d. c. mo. cir. 220 v; 575 hp. e. McE; 750 hp. b. Keeler; 625 kva. stm. turb. G. E.; also stm. htg.

City cont. 60 arcs magn. 350 w. $70 per yr; 17 Mazdas 100 w. $24 per yr; all nt; coal $2. (Co. also lts. Drocton, So. Renovo,

North Bend, Gleasonton and Farwell and sells energy to Renovo Iltg. Co.)
C D H L S 1 3 ✢ 16

**REYNOLDSVILLE**, 3,189—Reynoldsville Lt. & Pwr. Co.; cap. $15,000; bds. $20,000, 6 p. c. int.
Pres. W. T. Cox............Reynoldsville
*Sec. S. M. McCreight..... "
2 a. c. West. tot. 150 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 375 hp. e. McE, Ball; 400 hp. b. Erie.
City cont. 35 arcs A. B, G. E. 6.6 amp. $70 per yr; 30 series Tung. 100 w. $32.50 per yr; all nt; coal $1. (Co. also lts. West Reynoldsville.)
D L S 1 ✢ 125

**RIDGWAY**, 5,408—The Ridgway Elec. Lt. Co. Office, 24 No. Broad St. (Owned and controlled by Interstate Public Service Corpn.) Cap. $20,000; bds. $20,000.
Pres. J. George Kaelber. Rochester, N. Y.
¶V. Pres., Mgr. & Cont. Agt.
W. H. Brown..................Ridgway
Sec. John G. Whitmore........ "
Treas. Frederick W. Zoller..... "
Ch. Engr. John M. Delo......... "
Engrs. } Harry T. Rookwood. "
Pwr. Sta. } Thomas A. Sweet... "
4 a. c. Ridg. C.-W. tot. 400 kw. 2300 v. 2 ph. 60 cys; 2 d. c. arcs 100 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 610 hp. e. (gas) Struthers, Bckye.
City cont. 27 arcs G. E. 420 w. $62.50 per yr; 170 incs. G. E. 100 w. $24 per yr; all nt; gas 25 cts. & coal. (Energy sold to Johnsonburg Lt. & Pwr. Co.) (New pwr. sta. under construction; will install 2 a. c. turbo-gen. G. E. tot. 4000 kw. 2200 v. 3 ph. 60 cys. and 1500 hp. Heine boilers and supply energy to St. Mary's, Rolfe and Wilcox.)
D G L 2 ✢ ★16

**RIDLEY PARK**, 1,761—Beacon Lt. Co. See Chester.

**RINGTOWN**, 723—Ringtown Elec. Lt. Ht. & Pwr. Co.
Pres. ——— ——— ———
V. Pres. Frank S. Krebs........Ringtown
*Sec. & Mgr. J. A. Yost........ "
Treas. C. A. Horn............... "
Purchases energy from Schuylkill Gas & Elec. Co.
City cont. 16 incs. nitrogen 60 c. p. $25 per yr; all nt.
L X 125

**ROARING SPRING**, 2,100—Roaring Spring Blank Book Co; cap. auth. & pd. in $260,000.
Pres. E. G. Bobb.........Roaring Spring
V. Pres. J. W. Smith..... " "
Treas., Mgr. & Ch. Engr.
A. L. Garver " "
3 d. c. G. E. 185 kw. 110 v; d. c. day ltg. & mo. cir. 110 v; 300 hp. e. Atlas; 400 hp. b. Coates.
City cont. 150 incs. $9 per yr; moonlt; coal.
C D L S ✢ 125

**ROBESONIA**, 1,200—Berkshire Elec. Co. See Wernersville.

**ROCHESTER**, 5,903—Beaver County Lt. Co. See New Brighton.

**ROCKWOOD**, 1,300—Rockwood Elec. Co.; cap. $10,000; no bds.
Pres. H. Snyder................Rockwood
V. Pres. W. M. G. Day........ "
Sec. J. S. Day................. "
Treas. & Mgr. Chas. J. Henninger "
Ch. Engr. & Elecn. J. A. Williams "
1 a. c. West. 60 kw. 2400 v. 3 ph. 60 cys; 180 hp. e. Rus; 180 hp. b. Rus.
City cont. 52 incs. 32 c. p. $12 per yr; all nt; coal $1.68.
L S 3 23

**ROSCOE**, 3,000—The West Penn Elec. Co. See Pittsburgh.

**ROSETO**, 2,000—Pennsylvania Utilities Co. (Energy from Bangor.) For officers, see Easton.

**ROYERSFORD**, 3,073—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from Phoenixville. a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
D L 3 26

**ST. CLAIR**, 5,640—Munic. Electric Lt. Plant; cost $26,500; bds. outstg. $23,000, 4 p. c. int.
*Foreman, J. H. Hughes ..........St. Clair
4 d. c. G. E. tot. 260 kw. 120 v; 1 d. c. arc G. E. 50 lt; d. c. nt. ltg. cir. 115 v; 350 hp. e. Frick; 400 hp. b. Phila, Read, Payne & Keeler.
26 city arcs 450 w. $60 per yr; moonlt; coal $1.
C L S ✢ 25

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Duquesne Lt. Co. See Pittsburg.

**ST. MARYS**, 6,346—St. Marys Elec. Lt. Co. (Owned and controlled by Interstate Public Service Corpn.); cap. outstg. $75,000; bds. $25,000.
Pres. J. Geo. Kaelber... Rochester, N. Y.
V. Pres. W. H. Brown...........Ridgway
Sec. John G. Whitmore.......... "
Treas. Fred'k W. Zoller, Rochester, N. Y.
Asst. Treas. B. T. Darr.........St. Mary's
Supt. & Sales Mgr.
W. H. Hetznecker, Jr......... "
3 a. c. Ridg. tot. 450 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. a. c. mo. cir. 110-220 v. 2 ph. 60 cys; 750 hp. e. (gas) Struthers, Flickinger, Allis-C.
City cont. 59 arcs 6.6 amp. $5.75 per mo; 103 tung. $57.75 per mo; all nt; gas 15 cts. (Energy will be supplied by Ridgway Elec. Lt. Co.)
D G L 2 ★16

**SALTSBURG**, 1,028—West Penn Lt. & Pwr. Co. See Leechburg.

**SANATOGA**, 358—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.
Energy from Pottstown; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
D L 3 26

**SAYRE**, 6,426—Sayre Elec. Co.—(Controlled by The General Gas & Elec. Co.)
Pres. W. S. Barstow
50 Pine St., New York, N. Y.
1st V. Pres. J. B. Taylor " "
¶2d V. Pres. &
Gen. Mgr. F. S. Nicholson..........Sayre
Sec. A. B. Cheadle
50 Pine St., New York, N. Y.
Treas. C. R. Butler... Binghamton, N. Y.
Audr. S. B. Shriver...................Sayre
Ch. Engr. Geo. Hanns................ "
4 a. c. G. E. tot. 1650 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v. a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 1400 kw. turb. (stm.) G. E; 600 hp. e. Allis-C; 1025 hp. b. Sterling.
City cont. 8 a. c. series arcs 6.6 amp. 430 w. $68 per yr; 28 incs. 80 c. p. $23 per yr; 202 incs. 60 c. p. $22 per yr; 4000 hrs; slack $2.55. (Co. also lts. Athens and So. Waverly and Waverly N. Y.; sells energy to Waverly, Sayre & Athens Trac. Co.)
D L S 1 3 ✢ 16

**SCALP LEVEL**, 1,424—The Windber Elec. Co. See Windber.

**SCHUYLKILL HAVEN**, 4,747—Munic. Elec. Lt. Plant; cost $22,000.

*Sec. Geo. Runkle.......Schuylkill Haven
Treas. F. B. Keller...... " "
Supt. Morris S. Woerner " "

2 a.c. Bull. tot. 71 kw. 2300-2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 460 hp. e. Erie; 360 hp. b. Erie, S. & P.

53 city arcs A. B. 7.5 amp; incs. 16 c. p. 20 cts. per kw; all nt; coal $1.23.

D L S 1 2 10

**SCOTTDALE,** 5,456—The West Penn Elec. Co. For executive officers, see Pittsburgh.
Supt. J. S. Johnston............Scottdale

Energy from Connellsville; trans. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 65 G. E. series arcs 600 Watt $70 per yr; 15 series tung. 60 c. p. $24 per yr; all nt; coal. (Co. also lts. Everson and Mt. Pleasant.)

D L 2 3 ✣ 94

**SCRANTON** 129,867—Scranton Elec. Co., 509 Linden St. (Controls the Lackawanna Lt. Co., which supplies electric light and power in Scranton.) (Controlled by Am. Gas & Elec. Co., New York); cap. $3,570,000; bds. $4,437,000.
Pres. R. E. Breed } 30 Church St.,
V. Pres. Geo. N. Tidd } New York, N. Y.
V. Pres. & Mgr. Duncan T. Campbell
Scranton
Sec. & Tress. Frank B. Ball
30 Church St., New York, N. Y.
Cont. Agt. E. W. Osborne.......Scranton
¶Pur. Agt. M. B. Feldman
30 Church St., New York, N. Y.
Supt. W. S. Liming..............Scranton
Ch. Engr. John A. Fritz.......... "

5 a. c. G. E. tot. 26,400 kw. 4000-2200 v. 3 ph. 60 cys; 1 d. c. G. E. tot. 800 kw. 250-125 v; 14 arc mch. Brush tot, 1700 lt; trans. v. 22,000 v. 3 ph; a. c. & d. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. & d. c. day & nt. mo. cir 230 v. s. & 3 ph. 60 cys; 11,200 hp. b. Edge, Heine, Stir. Bab. & W; 10,500 hp. e. Weth., Cor; 19,000 kw. stm. turb. G. E; 2 stor. bat.—— tot. 140 amp.-hrs. 130 v; also stm. htg.

City cont. 1924 a. c. & d. c. arcs enc. 480 w. $50 per yr; 510 inc. series enc. 32 w. $15 per yr; coal $2.25. (Co. also lts. Dickson City, Throop, Forest City, Blakeley, Carbondale, Mayfield, Jermyn, Archbald, Dunmore, Taylor, Old Forge, Moosic, Minooka, Jessup, Priceburg, Avoca, Winton and Vandling.)

C D H L S 1 3 26

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United Service Co. Office, Scranton Life Bldg., Scranton. (Controls through stock ownership, the following companies: East Penna. Gas & Elec. Co., (Bristol, Pa.); Jefferson Elec. Co., (Punxsutawney, Pa.); Warren (Pa.) Lt. & Pwr. Co.; Warren (Pa.) Elec. Co; Wabash (Ind.) Wtr. & Lt. Co. and The Ohio Service Co. Also operates Hanover (Pa.) & McSherrystown St. Ry. Co., Hanover (Pa.) Lt., Ht. & Pwr. Co. and N. Mich. Water Co., Escanoba, Mich.)
Pres. Thos. R. Brooks.............Scranton
V. Pres. J. A. Linen, Jr.......... "
Treas. & Gen. Mgr.
L. H. Conklin.................. "

36

**SELINSGROVE,** 1,473—Northumberland County Gas & Elec. Co. See Sunbury.

**SELLERSVILLE,** 1,572—Excelsior Elec. Lt., Pwr. & Gas Co. Office, 834 Land Title Bldg., Phila.
Pres. Wm. Rodenhausen..........Phila.
V. Pres. Leonard Rodenhausen..... "
Sec. & Treas. D. W. Simkins....... "
*Supt. H. M. Hamel..........Sellersville

Energy purchased from the Lehigh Valley Transit Co.

City cont. 7 tung. 250 c. p. $56.85 per yr; 53 tung. 100 c. p. $28.50 per yr; 14 tung. 60 c. p. $22.50 per yr; all nt. (Co. also serves Telford, Souderton, Reliance, Hatfield, Silverdale and West Telford.)

D L S 1 2 3 ✣ 36E

**SEWICKLEY,** 4,479—Inter-Borough Elec. Co. See Ambridge.

**SHAMOKIN,** 19,588—Pennsylvania Ltg. Co. Office, 101 W. Independence St. (Controls Trevorton Elec. Lt. & Pwr. Co.); cap. com. $1,000,000; 1st prfd. $200,000; bds. $776,000.
Pres. P. M. Chandler................Phila.
1st V. Pres. S. W. Ffoulkes........ "
2d V. Pres. F. P. Llewellyn.....Shamokin
Sec. J. K. Trimble.....................Phila.
Treas. Harry Williams, Jr.......... "
*¶Mgr. & Cont. Agt. J. A. Britton
Shamokin
Ch. Engr. D. W. Maurer....... "

4 a. c. West. tot. 1900 kw. 2200 v. 2 ph. 60 cys; 2 rect. West. tot. 150 lt; trans. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 700 hp. e. Erie; 1800 hp. b. Bab. & W; 2100 hp. stm. turb. West.

City cont. 150 arcs metallic flame 4 amp. and 50 series a. c. arcs 7.5 amp. $65 per yr; 44 carbon 32 c. p. $21.60 per yr; all nt; coal $1.17 & 92 cts.

D L S 1 2 ✣ 16

**SHARON,** 15,270—Shenango Valley Elec. Lt. Co., 63-65 State St. (Controlled by Republic Ry. & Lt. Co., through the Mahoning & Shenango Ry. & Lt. Co.)
Pres. R. P. Stevens......Youngstown, O.
V. Pres. R Montgomery. " "
Sec. E. D. Gault ........ " "
Treas. E. G. Dunlap..... " "
Gen. Mgr. J. F. Wessel " "
¶Pur. Agt. C. O. Bailey. " "
Supt. Corliss Kemery..............Sharon
Mgr. Com. Dept. Robert J. Markley "

Purchases energy from Youngstown & Sharon St. Ry. Co.; a. c. day & nt. ltg. cir. 105 v. 60 cys; a. c. day & nt. mo. cir. s. 2 & 3 ph. 60 cys.

City cont. 151 arcs magn. 4 amp. $48 per yr; 2 Mazdas 100 w. $25 per yr; all nt. (Co. also lts. Farrell, Wheatland and Sharpsville.)

D L 1 2 3 ✣ 74w

**SHARON HILL,** 1,401—Delaware County Elec. Co. See Lansdowne.

**SHARPSBURG,** 8,153—Munic. Elec. Lt. Plant. Office, 1111 N. Canal St; bds. $30,000.
Pres. of Bd. F. W. Pilgrim...Sharpsburg
*Sec. Jas. Barry.............. "
Supt. W. C. Wetzel........... "
Engrs. } J. J. Brennan..... "
Pwr. Sta. } J. M. Coles....... "

2 a. c. Allis-C. tot. 600 kw. 2300 v. 3 ph. 60 cys; 3 arc West. tot. 150 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. s. & 3 ph. 60 cys; 600 kw. stm. turb Allis-C; 900 hp. b. Heine, Geary.

City cont. 120 arcs West. 272 w; all nt; coal $1.63.

D L S 1 3 74

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Butler County Lt. Co. See Butler.

**SHARPSVILLE,** 3,634—Shenango Valley Elec. Lt. Co. See Sharon.

**SHENANDOAH,** 25,774—The Schuylkill Gas & Elec. Co. For executive officers see Mahanoy City.
Supt. Peter McCarron.........Shenandoah

2 a. c. Bull. Ft. W. total 500 kw. 2300 2 ph. 60 cys; 2 rect. G. E. tot. 100 lts; a. c. & d. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. & d. c. mo. cir. 220 v; 2 & 3 ph. 60 cys; 500 hp. e. Erie, Ball; 320 hp. b. Erie;

energy also from The Harwood Elec. Co. trans. v. 6600 v. 3 ph. 60 cys; 6 transf. West. tot. 1100 kw; 2 rotary converters Brush. tot. 150 kw.

City cont. 103 G. E. lumn. arcs 4 amp. $50 per yr. and 72 series Mazdas 60 c. p. all nt; coal $1.25.

D L S 2 3 ✠ 16

**SHERIDAN,** 2,948—Duquesne Lt. Co. See Pittsburg.

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Lebanon Valley Lt. & Pwr. Co. See Newmanstown.

**SHICKSHINNY,** 1,925 — Luzerne County Gas & Elec. Co. See Plymouth.

**SHILLINGTON,** 1,427 — Pennsylvania Wtr. & Pwr. Co. See Sinking Spring.

**SHIPPENSBURG,** 3,457 — The Shippensburg Gas & Elec. Co.; cap. $45,000; bds. $40,000, 5 p. c. int.

Pres. John Hosfeld........Shippensburg
V. Pres. G. B. Cole.......... “
Sec. J. S. Omwake.......... “
Treas. Geo. S. McLean........ “
*¶Mgr. C. W. Harman........ “
Ch. Engr. Rex Grunden..... “

5 a. c. Ft. W. tot. 785 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a.c. mo. cir. 220 v. 3 ph. 60 cys; 660 hp. e. Russell; 600 hp. b. Keeler; 500 kw. turb. (stm.) G. E; 550 hp. turb. (wtr.) Trump, Lef.

City cont. 40 series arcs 2000 c. p. $65 per yr; 22 series tung. 60 c. p. $20 per yr; moonlt; coal $2.65. (Hydro-elec. plant of 450 kw. under construction.)

D L S W 1 3 ✠ 25

**SINKING SPRING,** 700 — Pennsylvania Wtr. & Pwr. Co. For executive officers, see Holtwood.

Supt. & Ch. Elecn.
F. P. Krick..............Sinking Spring
Engr. Pwr. Sta. Geo. Zartman. Wernersville

2 a. c. Warren tot. 150 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. mo. cir; 225 hp. e. Ham. Cor; 300 hp. b. Coates; 30 transf. West. 200 kw.

City cont. 13 arcs 7.5 amp. $60 per yr; 120 Tung. 60 w. $18 per yr; all nt; coal $2.75. (Co. also lts. Wyomissing, Shillington, Spring Mount and Fritztown.)

D L S 1 ✠ ★85w

**SLATINGTON,** 4,454—Lehigh Valley Lt. & Pwr. Co. See Allentown.

Energy from Lehigh Valley Transit Co.; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

City cont. 50 arcs magn. 4 amp. $59 per yr; all nt.

D L 3 125

**SOMERSET,** 2,612—Penn Electric Service Co. Office, Johnstown. (Consolidation of South Fork Elec. Lt., Ht. & Pwr. Co., Somerset Elec. Lt., Ht. & Pwr. Co. and various other companies in Cambridge and Somerset counties.) Sub sta. at South Fork. (Controlled by Pennsylvania Elec. Co.) Cap. $500,000; $295,000.

Pres. F. T. Hepburn,
14 Wall St., New York, N. Y.
V. Prests. H. S. Brown 14 Wall St., New York, N.Y.
H. H. Weaver.....Johnstown
Sec. I. B. Sellers.............. “
Treas. K. W. Hamilton........ “
Mgr. P. J. Morrissey............ “

3 a. c. West. tot. 575 kw. 2300 v. 3 ph. 60 cys; 2 arc Mch. Wood tot. 120 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 875 hp. e. Erie, Rus; 600 hp. b. Rus, Erie.

City cont. 85 incs. 200 c. p. & 100 c. p. 6.6 amp. $43 and $28 per yr; all nt; coal $1.50. (Co also lts. So. Fork; supplies energy to coal mining operations in Cambria and Somerset Counties.)

D L S 1 3 125

**SOUDERTON,** 2,000—Munic. Elec. Lt. Plant.

Pres. H. A. Groff..............Souderton
Sec. R. B. Goettler.............. “
Treas. J. C. Landis.............. “
*Supt. A. O. Langner.............. “

Purchases energy from Excelsior Elec. Lt., Pwr. & Gas Co., Sellersville.

19 city arcs G. E. series, 6.6 amp; 50 incs. 6.6 amp; moonlt.

L X 125

**SOUTH BETHLEHEM,** 19,973—Halcyon Elec. Lt. & Pwr. Co. Controlled by Lehigh Valley Lt. & Pwr. Co., which see for officers.

Purchases energy from Lehigh Valley Transit Co.; a.c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 3 ph. 60 cys.

City cont. 122 arcs magnetite, 4 amp. $66 per yr: 81 tungs. 40 c. p. 4 amp. $16 per yr; all nt.

D L 3 125

**SOUTH BROWNSVILLE,** 3,943 — The West Penn Elec. Co. See Pittsburg.

**SOUTH FORK,** 4,592 — Penn Elec. Service Co. For executive officers, see Somerset.

Purchases energy from Citizens Lt., Ht. & Pwr. Co.; 3 transf. West. G. E. tot. 900 kw: a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 71 inc. series 40 w. $25 per yr; all nt.

D L 1 3 125

**SOUTH RENOVO** — Renovo Edison Lt., Ht. & Pwr. Co. See Renovo.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 16

**SOUTH WILLIAMSPORT,** 3,734—Lycoming Edison Co. See Williamsport.

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Citizens Electric Co. See Williamsport.

**SPANGLER,** 2,700—Barnesboro Ht., Lt. & Pwr. Co. See Barnesboro.

**SPRING CITY,** 2,880 — Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Phoenixville; a. c. day & nt. ltg cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 26

**SPRINGDALE,** 1,007—Allegheny Valley Lt. Co. See New Kensington.

**SPRINGFIELD TWNP.**—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**STATE COLLEGE,** 1,425—State-Centre Elec. Co. Offices, Bellefonte: gen. stas., State College and Milesburg; cap. outstg. $300,000; bds. $250,000.

Pres. A. W. Lee ..............Clearfield
V. Pres. John S. Fisher ..........Indiana
Sec. & Treas. A. J. Musser......Clearfield
¶ Mgr. H. J. Thompson........ “
Audr. C. M. Mitchell........... “
Cont. Agt. E. J. Williams ...State College
*Supt. Francis Miller...........Bellefonte
Ch. Engr. Willis J. Boland ....Milesburg

Pwr. stas. equip: 2 a. c. Ridge, Allis-C. tot. 450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt.

mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1500 kw. turb. (stm.) G. E; 200 hp. e. stm. Ridge; 1500 hp. b. Keeler; 250 hp. wtr. wh. Allis-C; stm. htg. (State College.)

City cont. 24 arcs G. E. magn. 4 amp. $63 per yr; all nt; coal. (Lts. Bellefonte, State College, Milesburg, Unionville, Axemann, Pleasant Gap, Center Hall, Pine Grove, Central City, Rockview, Millheim, Springmills, Colville, Snowshoe and Lemont.)

D H L S W 1 3 ★16

**STEELTON,** 14,246—Harrisburg Lt. & Pwr. Co. See Harrisburg.

City cont. 116 arcs A. B. $53.90 per yr; 4 Mazdas 250 w. $35 per yr; 2 Mazdas 60 w. $15 per yr; 1 Mazda 40 w. $18 per yr; 7 Mazdas series 70 c. p. $24.96 per yr; 1 Mazda series 200 c. p. $34 per yr; all nt.

L ✠ 75

**STONYCREEK TWNP.**—Citizens Lt., Ht. & Pwr. Co. See Johnstown.

Dale Lt., Ht. & Pwr. Co. See Johnstown.

**STOWE,** 700—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Pottstown; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

D L 3 26

**STOYESTOWN,** 355—United Ht. & Pwr. Co.; cap. outst. $50,000.

Pres. D. Long. .. ........... Stoyestown

V. Pres. Chas. Weigle.......Hooversville

Sec. & Treas. Calvin Fulton..Stoyestown

*¶Mgr. A. M. Barnhart....... "

Purchases energy from Penn Elec. Service Co., Johnstown; 53 transf. Pittsburg, Wag-B. G. E. tot. 175 kw; a. c. day & nt. ltg. cir. 120 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

City cont 10 Mazdas 300 w. $25 per yr; 26 Mazdas 40 w. $12 per yr; all nt. (Co. also lts. Hooversville, Friedens, Listie, Geiger, Jennerstown and Jenner Cross Roads.)

D L 1 75

**STRASBURG,** 885—Strasburg Elec. Lt. Ht. & Pwr. Co.; cap. $125,000; no bds.

Pres. I. H. Dickenson..........Quarryville

V. Pres. E. B. Mylin.........Willow Street

Treas. H. S. Hunsecker.......Lime Valley

*Sec. & Mgr. L. J. Bair..........Strasburg

Energy purchased from Edison Elec. Illg. Co. of Lancaster, Pa; 3 transf. G. E. 150 kw; 2 a. c. G. E. 300 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. & 3 ph. 60 cys; 200 hp. turb. (wtr.) Smith.

City cont. 100 tungsten incs. 60 watt $18 per yr. (Co. also lts. Quarryville.)

D L W 3 125

**STROUDSBURG,** 4,379—Pennsylvania Utilities Co. For executive officers see Easton.

Dist. Supt. R. H. Ace.....E. Stroudsburg

2 a. c. Stan. tot. 717 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 900 hp. wtr. wh Smith.

(Trans. to E. Stroudsberg.)

D L W 1 3 ✠ 16

Citizens Gas & Elec. Co.; cap. $45,000; bds. $105,000.

Pres. John B. Reynolds.....Wilkes-Barre

*¶ V. Pres. & Audr.
Harry E. Sweeney..........Stroudsburg

Sec., Treas. & Mgr.
A. A. Holbrook............. "

Gen. Supt. John E. Harbaugh "

Engr. Pwr. Sta. Frank Barber "

3 a. c. Warn., Stanley tot. 500 kw. 2300 v. 3 ph. 60 cys; 2 arc mchs. G. E., Helwin tot. 135 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 450 hp. e. American, Ball, Purcell; 450 hp. b. International, H. F. & M.

City cont. 73 arcs A. B. 6.6 amp. $60 per yr; 110 tung. 60 c. p. $22 per yr; all nt; coal $2.45. (Also lts. East Stroudsburg.)

D L S 1 3 ✠ 125

**SUGAR NOTCH,** 2,437—Luzerne County Gas & Elec. Co. See Plymouth.

**SUMMIT HILL,** 4,209—Panther Valley Elec. Co. See Lansford.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 16

**SUNBURY,** 13,770—Northumberland County Gas & Elec. Co., 435 Market St. (Consol. of Edison Elec. Illg. Co., Sunbury Gas Co., Middle Creek Elec. Co. & United Lt. & Pwr. Co.) (Sub-stations at Askers Island, Middlecreek, Selingsgrove, Northumberland, Montandon, Watsontown, Tenbotville and Lewisburg.) (Controlled by the Northern Central Co.); cap. pfd. $350,000; com. $800,000; bds. $852,000.

Pres. Urias Bloom.................Sunbury

V. Prests. W. W. Hepburn
1417 Penn. Bldg., Phila.
F. T. Hepburn
14 Wall St., New York, N.Y.

Sec. L. K. Bingaman.........Bloomsburg

Treas. & Mgr. Stephen C. Pohe "

Audr. F. E. Taylor
14 Wall St., New York, N. Y.

¶ Pur. Agt. R. W. Coffman, Bloomsburg

Gen. Supts. Geo. W. Beck............Sunbury
Rich. Barratt.............Milton

Elec. Engr. S. G. Reque..........Sunbury

5 a. c. G. E. tot. 1875 kw. 2300 v. 2 & 3 ph. 60 cys; 4 d. c. G. E. 500 kw. 110-550 v; 5 d. c. arc 50 lts; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. s. 2. & 3 ph. 60 cys; 1400 hp. e. Ham, H. F. & M, Rus; 2700 hp. b. Keeler. Bab. & W; 1000 kw. turb. (stm.) G. E; 250 hp. wtr. wh. Morgan. Also purchases energy from Columbia & Montour Elec. Co; 3 transf. West. tot. 1800 kw.

City cont. 244 arcs magn. & series 4 & 7 amp. $55, $38, $53, & $65 per yr; 282 st. series 4 & 7 amp. $10. $20 $16 & $21 per yr; all nt: coal $1.35 & $2.35. (Co. also serves boroughs of Sunbury, McEwensville, Turbotville. Northumberland, Milton, Selinsgrove, Lewisburg and various twnps. in Northumberland, Union and Snyder Counties.)

C D L S 1 2 3 75

**SUSQUEHANNA,** 3,478—Susquehanna County Lt. & Pwr. Co. (Successor to Susquehanna County Electric Co.) Office, 627 Connell Bldg., Scranton. Gen. sta. at Susquehanna; cap. auth. $100,000, pd. in $70,000.

Pres. Frank E. Platt............Scranton

¶ V. Pres., Treas. & Mgr.
Frederick J. Platt............... "

Sec. James Blair................ "

Audr. L. B. Taylor............... "

*Supt. & Ch. Elecn. John R. Harris
Susquehanna

Engr. Pwr. Sta. Geo. Gall.. "

3 a. c. G. E. tot. 1400 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 70 kw. 110-125 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. Ham, Cor; 750 hp. b. Erie City, Stewart, Keller; 600 kw. turb. (stm.) G. E; 738 hp. turb. (wtr.) Trump.

City cont. 24 arcs 2000 c. p. $90 per yr; 122 incs. 25 c. p. $20 per yr; all nt; coal $2.75. (Co. also lts. Hallstead, Lanesboro, Oakland, Montrose, New Milford and Great Bend.)

C D L S W 1 3 ✠ 125

**SWARTHMORE,** 1,899 — Delaware County Elec. Co. See Lansdowne.

**SYKESVILLE,** 1,200—Du Bois Elec. & Trac. Co. See Du Bois.

**TAMAQUA,** 9,462 — Eastern Penn. Lt., Ht. & Pwr. Co. See Pottsville.

Trans. from Pottsville 2300 v. 3 ph. 60 cys; 6 transf. G. E. tot 675 kw; 2 mo. gen. G. E. tot. 600 kw; 1 d. c. arc G. E. 50 lt; a. c. & d. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 230 v. s. & 3 ph. 60 cys; d. c. mo. cir. 230-115 v.

City cont. 131 arcs Jandus 7.5 amp. $59 per yr; all nt.

C D L 1 3 ✢ 16

**TARENTUM,** 7,414—Munic. Lt. & Wtr. Plant; cost $67,000.

*¶ Supt. J. C. Turner............Tarentum
Engr. Pwr. Sta. S. L. Anderson "

3 a. c. Allis-C. tot. 800 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 250 kw. 500 v; 2 d. c. arc G. E. Brush, tot. 200 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 60 cys; d. c. day & nt. mo. cir. 500 v; 450 hp. e. Bckye; 500 kw. stm. turb. Terry; 800 hp. b. Stir.

108 city arcs G. E. magn. 2000 c. p. $60 per yr; all nt; coal $1.50. (Also lts. Brackenridge.)

C D L S 3 125

**TAYLOR,** 9,060—Scranton Elec. Co. See Scranton.

City cont. 83 arcs $60 per yr; 12 incs. 40 w. $20 per yr.

L 26

**TELFORD,** 207—Excelsior Elec. Lt., Pwr. & Gas Co. See Sellersville.

Energy from Sellersville plant; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 27 arcs 6.6 amp. $30 per yr; mdnt; moonlt.

D L 3 ✢ 25

**THROOP,** 5,133—Scranton Elec. Co. See Scranton.

**TITUSVILLE,** 8,533 — Munic. Electric Lt. Plant; no bds.

Supt. Pub. Propty. J. J. Sharpe. Titusville
Compt. C. H. Potter............ "
¶ Mgr. H. A. Holstein............ "
*City Elecn. Fred. C. Johnson "
Ch. Engr. Pwr. Sta. John Smith "

2 a. c. West. tot. 200 kva. 3 ph. 60 cys; no day cir; 175 hp. e. Rus, Cor; 335 hp. b. Titus.

180 Mazdas "C" 400-600 c. p; all nt; coal $2.25.

L S 3 125

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Titusville Lt. & Pwr. Co.; cap. stock $150,000; bds. $115,000.

Pres. Harvey L. Elkins
13th & Market Sts., Phila.
*¶V. Pres. Mgr. & Cont. Agt.
E. F. McCabe.................Titusville
Sec. & Treas. W. M. Measey. Philadelphia

4 a. c. G. E. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120-115 v; a.c. mo. cir. 440-220 v.; 850 hp. e. (gas) Titusville.

Nat. gas 30 cts.

D G L 3 ✢ 25

**TOWANDA,** 4,281—Towanda Elec. Illg. Co.; cap. $50,000; bds. $40,000.

Pres. & Mgr. E. L. Smith........Towanda
V. Pres. C. P. Welles............ "
Sec. & Treas. O. L. Haverly........Athens
*¶Asst. Mgr. D. R. Smith........Towanda
Ch. Engr. & Elecn. A. E. Coolbaugh "

2 a. c. Allis-C. 300 kw. 2 ph. 60 cys; a. c. day cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 400 hp. e. Ball, McE; 450 hp. b. Keeler; (also stm. htg.)

City cont. 14 A. B. arcs 1200 c. p. $68 per yr; 74 series incs. $28.50 per yr; all nt.

D H L S 2 ✢ 25

**TOWER CITY,** 2,325 — Sterling Consol. Elec. Co. See Williamstown.

**TRAFFORD,** 1,959 — The Duquesne Lt. Co. See Pittsburg.

**TREMONT,** 2,067 — Tremont & Pine Grove Elec. Lt., Ht. & Pwr. Co.; cap. $55,000.

Pres. & Mgr. John E. Hess.......Lancaster
V. Pres. J. A. Murphy.......Philadelphia
*¶Sec. & Treas. G. Parkman.. "
Supt. & Ch. Elecn. Geo. Bernd. Tremont
Ch. Engr. Wm. Leininger........ "

2 a. c. West. 240 kw. 2300-100 v. s. ph. 60 cys; no day cir; 350 hp. e. West; 350 hp. b. Keeler.

City cont. 9 arcs 2000 c. p. $75 per yr. 33 incs. 50 c. p. $25 per yr; moonlt; coal $1.52. (Co. also lts. Donaldson.)

L S 1 ✢ 23

**TREVORTON,** 2,000—Trevorton Elec. Lt. & Pwr. Co. (Controlled by Pennsylvania Ltg. Co., Shamokin, which see for officers); bds $11,000.

Energy from Pennsylvania Ltg. Co.; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. ph. 60 cys.

D L 1 125

**TROY,** 1,288—Troy Elec. Lt., Ht. & Pwr. Co.; cap. $10,000; no. bds.

*Pres. J. Edward Horn.......Philipsburg
¶Sec. & Mgr. W. S. Montgomery...Troy
Ch Engr. & Elecn. M. E. Wood...... "

1 a. c. Warren 110 kw. 2200-1100-110 v. s. ph. 133 cys; 182 hp. e. Ham, Cor; 200 hp. b. Keeler.

City cont. 20 arcs; all nt; coal.

L S 1 ✢ 125

**TUNKHANNOCK,** 1,598 — Tunkhannock Elec. Co. Pwr. plant on Tunkhannock Creek; cap. $35,000, bds. $12,000.

Pres. Chas. Dietrich........Tunkhannock
V. Pres. R. E. Billings...... "
Sec. & Treas. Stanley Harding "
*Gen. Supt. Frank K. Zimmer "
Ch. Engr. Stanley Young.. "
Engr. Pwr. Sta. Jas. E. Price "

2 a. c. West. tot. 200 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. 133 cys; a. c. day & nt. mo. cir. s. ph. 133 cys; 140 hp. e. A. & S; 150 hp. b. Coates; 200 hp. wtr. wh. Trump.

City cont. 91 series incs. 40 & 250 w. $20 per yr; all nt; coal $3.60.

D L S W 1 125

**TURTLE CREEK,** 4,995 — The Duquesne Lt. Co. See Pittsburg.

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United Elec. Lt. Co. See Wilmerding.

**TYRONE,** 7,176 — Home Elec. Lt. & Steam Htg. Co. (Leased to and operated by Altoona & Logan Valley Elec. Ry. Co. and controlled by the American Rys. Co.); cap. $40,000.

Pres. J. J. Sullivan..........Philadelphia
V. Prests. { C. L. S. Tingley "
H. J. Crowley.. "
Sec. & Treas. Walter W. Perkins "
Mgr. S. S. Crane..................Altoona
Engr. Pwr. Sta. F. W. Demart....Tyrone

2 a. c. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 4 rect. G.E. 200 lt; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 1645 hp. b. Stir, Marietta; 1000 kw. stm. turb. G. E; also stm. htg.

City cont. 104 arcs G. E. enc. 4 amp. $50 per yr; 113 series incs. 40 w. 4 amp. $18.75 per yr; all nt; coal $1.60. (Co. also lts. Birmingham and Bellewood.)

D H L S 3 ✢ 125

**UNION CITY,** 3,684—Union City Elec. Lt. Co. (Owned and controlled by Interstate Elec. Corpn.) Cap. outstg. $20,000; bds $10,000.
Pres. B. E. Waltz..................Corry
¶Sec., Cont. Agt. & Mgr.
W. R. Bowers.............Union City
Treas. A. E. Fitkin,
141 Bdway, New York, N. Y.
Audr. G. G. Sloan,
141 Bdway, " "
Gen. Supt. & Ch. Engr.
D. W. Ingraham.............Union City

3 a. c. G. E. West. Bull. tot. 170 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-230 v; a. c. day & nt. mo. cir. 110-220 v; 200 hp. e. Skinr; 210 hp. b. Jamestown.

City cont. 143 incs. 6 6 amp. series 100 & 200 c.p. $13.50 & $17 per yr. all nt; coal $2.65.

D L S 3 ✣ ★36

**UNIONTOWN,** 18,140 — The West Penn Elec. Co. See Pittsburgh.

**UPLAND,** 2,221—Beacon Lt. Co. See Chester.

**UPPER DUBLIN TWNP.**—Philadelphia Suburban Gas & Elec. Co. See Philadelphia.

Energy from Wyncote; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 26

**UPPER YODER TWNP.** — Citizens Lt. Ht. & Pwr. Co. See Johnstown.

**VANDERBILT,** 1,198—The West Penn Elec. Co. See Pittsburgh.

**VANDERGRIFT,** 13,314—Vandergrift Elec. Lt. & Pwr. Co. Office, 135 Washington Ave.
*¶Pres. Mgr. & Cont. Agt.
J. F. Horn...................Vandergrift
V. Pres. J. S. Whitworth..... "
Sec. & Treas. Jos. Murphy... "
Supt. Distbn. C. C. McAllister "

2 a. c. G. E. tot. 1600 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 3 ph. 60 cys; 960 hp. e. Ball, Erie; 828 hp.b. Bab. & W: 1000 kw. stm. turb. G. E.

City cont. 226 Mazdas "C" 100 w. (225) and 200 w. (1) $24 and $40 per yr; all nt; coal $1.25. (Co. also lts. East Vandergrift and North Vandergrift.)

D L S 1 3 ✣ 16

**VERONA,** 2,849—The Duquesne Lt. Co. See Pittsburgh.

**WALL,** 1,962—United Elec. Lt. Co. See Wilmerding.

**WARREN,** 11,080—Warren Lt. & Pwr. Co. (Controlled by the United Service Co.); cap. outstg. $500,000; bds. $220,000.
Pres. Thos. R. Brooks...........Scranton
V. Pres. C. R. Bedford.......... "
Sec., Treas. & Gen. Mgr.
L. H. Conklin.................. "
Local Mgr. J. E. Hill.............Warren

4 a. c. West. tot. 500 kw. 2200 v. 2 ph. 60 cys; 2 d. c. G. E. tot. 300 kw. 500 v; 2 rectifiers G. E. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440-2200 v; d. c. mo. cir. 550 v: 800 hp. e. Cooper, F. & S; 1100 hp. b. Keeler; 1500 kw. stm. turb. West. G. E.

City cont. 65 series arcs 6.6 amps. $60 per yr; 175 tung. 75 w. $20 per yr; all nt; coal $1.80.

C D L S 2 ✣ ★36

**WASHINGTON,** 18,778 — West Penn Ltg. Co. For executive officers, see Waynesburg.
Supt. H. I. Babbitt..............Washington

4 a. c. West. tot. 1525 kva. 2200 v. 2 ph. 60 cys; 2 d. c. West. tot. 250 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. 2 & 3 ph. 60 cys; d. c. mo. cir. 500 v; 2020 hp. e. Ball; 1940 hp. b. Erie, Stir; also stm. htg.

City cont. 290 arcs 6.6 amps. $65 per yr; all nt; slack $1. (Also serves Canonsburg.)

C D H L S 1 2 3 ✣ 94

**WATERFORD,** 724—Waterford Electric Lt. Co.; cap. $10,000.
Pres. F. E. Ensworth.........Waterford
*¶Sec. Mgr. & Ch. Engr. B. E. Waltz "

Energy purchased from Erie Ltg. Co.

City cont. 5 arcs 1200 c. p. $72 per yr; 22 incs. 25 c. p. $15 per yr; all nt.

L 1 ✣ 26

**WATSONTOWN,** 1,950—Munic Elec. Lt. Plant; cost $13,133; bds. outstg $5,100, 4 p. c. int.
Pres. of Bd. E. Hillard......Watsontown
*Sec. N. H. Burrows........ "
Cont. Agt. Watson Moltz... "
Supt. W. E. O'Donnell...... "

2 a.c. Warn. tot. 170 kw. 1150 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 250 hp. e. Valley; 250 hp. b. Keeler.

30 city arc series 7.5 amp; 11 inc. series tung. 7.5 amp; all nt; coal $2.30.

D L S 1 2 14

**WAYNE,** 3,000—Counties Gas & Elec. Co. For officers, see Norristown.
Mgr. J. L. Mather................Ardmore

5 a. c. Stan. tot. 1650 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 2205 hp. e. Weth; 1100 hp. b. Bab. & W.

City cont. 734 incs. mult. 16 c. p. $12 per yr; all nt; coal. (Also lts. Ardmore, Berwyn, Bryn Mawr, Devon, Radnor, Haverford, Villanova, St. David's, Paoli and Wynnewood.)

D L S 1 2 35

**WAYNESBORO,** 7,199—Waynesboro Elec. Lt. & Pwr. Co. (Owned by and operated in connection with the C. G. & W. St. Ry. Co.); cap. $30,000.
Pres. W. L. Minnick..........Waynesboro
V.Pres. J. A. Strite........Chambersburg
Sec. D. N. Benedict..........Waynesboro
*¶Treas. & Gen. Mgr.
R. D. Sefton.................. "
Elec. Engr. C. C. Stauffer .... "
Engr. Pwr. Sta. A. V. Shryock "

4 a. c. West, Bull, C-W, Allis-C. 1000 kw. 2200 v. 3 ph. 60 cys; 3 d. c. C-W, West. 700 kw. 550 v; a. c. day & nt. ltg. cir. 104 v. 60 cys: a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 400 hp. e. Frick, Rus; 650 hp. turb. (stm.) De Laval, Allis-C; 1000 hp. b. Keeler; 360 kw. hr. stor. bat. Gould.

City cont. — tung. 200-100-60 w. $50 & $25 per yr; coal $3.10 (Co. also lts. Pen Mar Park, Cold Spring and Rouzerville.)

D L S 1 3 125

**WAYNESBURG,** 3,545—West Penn Ltg. Co. (Gen. stas. at Washington and Waynesburg.) (Controlled by West Penn Trac. Co.)
Pres. Williston Fish...........Pittsburgh
V.Pres.& Gen.Mgr. — —.... "
Sec. & Treas. H. S. Swift..... "
Asst. Audr. C. C. McBride..... "
Sales Mgr. Thos. S. Henderson "
¶ Pur. Agt. H. E. Burns...... "
Supt. Ltg. H. P. Chambers.... "
Supt. W. T. McCormick....Waynesburg

3 a. c. G. E. West. tot. 450 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir; 350 hp. e. Rus; 240 hp. gas e. St. Marys; 500 hp. b. Phoenix, Bab. & W. Rus.

City cont. 180 incs. 25 c. p. $17 per yr; gas 10 cts. per M. (Serves East Waynesburg, Waynesburg, McDonald, Oakdale, Burgettstown, Midway, Canonsburg, So. Canonsburg, Houston and Washington.)
D L S 2 ✠ 75w

**WEATHERLY,** 2,501 — Munic. Elec. Lt. Plant.
Town { *John Schaefer......Weatherly
Council } J. E. Rosenstock..... "
Supt. Clyde Ketcham.......... "
Engr. Pwr. Sta. Walter Behan "

2 a. c. Bull, Allis-C. 400 kw. 1100 v. 2 ph. 60 cys; 1 d. c. G. E. 75 kw. 250 v; a. c. day & nt. ltg. & mo. cir. 220-110 v. 2 ph. 60 cys; d. c. ltg. & mo. cir. 250 v; 550 hp. e. Nord, Allis-C; 300 hp. b. Vulcan.

34 city arcs 537 w. $50 per yr; 30 incs. 32 c. p. $7.80 per yr; coal $1.65.
C D H L S 2 73

**WELLSBORO,** 3,183—Wellsboro Elec. Co. Office, 80½ Main St.; cap. $40,000; bds. $10,000.
Pres. Hon. R. K. Young........Wellsboro
Sec. H. C. Young............... "
Treas. C. E. Bennett............ "
*¶Gen. Supt. W. S. Culver....... "

2 a.c. Ft. W. tot. 250 kw. 1150 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir; 325 hp. e. Erie; 600 hp. b. tublr. Keeler.

City cont. — tung. 200 & 60 c. p. $60 & $26.55 per yr; all nt; coal $2.25.
D L S 2 ✠ 125

**WERNERSVILLE,** 800—Berkshire Elec. Co. (Successor to Wernersville & Heidelberg Elec. Lt. & Pwr. Co.)
*Supt. Sam'l Redsecker...Sinking Spring

2 a. c. G. E. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.. 60 cys: a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. c. Atlas, Ideal; 160 hp. b. Pottstown, Wilson.

City cont. 70 Mazdas 25 & 40 w. $9 & $12 per yr; all nt; coal $1.60. (Co. also does ltg. in Robesonia, Ryeland and Green Terrace: furnishes day current to Womelsdorf and Newmanstown.)
D L S 1 3 ✠ ★26E

**WEST BERWICK,** 5,512—Columbia & Montour Elec. Co. See Bloomsburg.

**WEST BROWNSVILLE,** 2,036—The West Penn Elec. Co. See Pittsburgh.

**WEST CHESTER,** 11,767 — Philadelphia Suburban Gas & Elec. Co. See Phila.
Mgr. R. P. McConnell......West Chester

2 d. c. G. E. tot. 360 kw. 220 v; 2 a. c. G. E. Allis-C, tot. 600 kw. 2300 v. 3 ph. 60 cys; 1 rc; a.c. & d.c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; c. day & nt. mo cir. 220 v; 1000 hp. e. Allis-C, Ames, Ball; 950 hp. b. Stir; stm. tg. Operates in parallel with Phoenixville and Pottstown stations.

City cont. 120 magn. arcs 4 amp. $60 per r; 180 series incs. 60 c. p. $19 per yr; all t; coal $3.15. (Trans. to Frazer, Glenoch and Malvern.)
C D H L S 3 ✠ 26

**WEST CONSHOHOCKEN,** 2,202—Counties Gas & Elec. Co. See Conshohocken.

**WEST FAIRVIEW,** 1,230—The United Elec. Co. See Lemoyne.

**WESTGROVE,** 1,261—Chester County Ltg. Co. See Kennett Square.

**WEST NEWTON,** 2,880 — The West Penn Elec. Co. For executive officers, see Pittsburg.
Supt. L. T. Jackman.........West Newton

City cont. 40 arcs 2000 c. p. $72 per yr; 2600 incs. 16 c. p. 7 & 9 cts. per kw; all nt. (Also lts. Sutersville and Smithton.)
L ✠ 94

**WEST PITTSTON,** 6,848 — Citizens' Elec. Illg. Co. See Pittston.

**WEST TAYLOR TWNP.**—Citizens' Lt. Ht. & Pwr. Co. See Johnstown.

**WHITE HAVEN,** 1,488—White Haven Elec. Illg. Plant.
*Owner, W. J. Hauser.....White Haven

1 d. c. arc W. E. 50 lt; 2 a. c. Stan. West. tot. 200 kw. 2300 v. 2 ph. 60 cys; a. c. day ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 2 ph. 60 cys; 250 hp. turb. (wtr.) Smith.

City cont. 29 arcs 2000 c.p. 1½c. per kw; all nt.
D L W 2 ✠ 72

**WHITEMARSH TWNP.**—Philadelphia Suburban Gas & Elec. Co. See Phila.

Energy from Wyncote; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 26

**WHITE MILLS,** 600—C. Dorflinger & Sons, Incorp.
*Supt. & Engr. Pwr. Sta. H. F. Weber, White Mills

2 d. c. West. Sprague 112 kw. 115 v; d. c. nt. ltg. cir. 115 v; d. c. day mo. cir; 190 hp. e. C. & T. Buffalo Forge; 500 hp. b. Erie City, Franklin.

City cont. 440 incs. 16 c. p. $4 per yr. Coal.
C D L S ✠ 125

***WICONISCO,** 2,000 — Lykens Valley Lt. & Pwr. Co. See Williamstown.

**WILKINSBURGH,** 18,924—The Duquesne Lt. Co. See Pittsburg.

**WILKES-BARRE,** 67,105—The Wilkes-Barre Co. Office, 25-27 N. Main St. (A consol. of Luzerne County Gas Co., The Wyoming Valley Elec. Lt., Ht. & Pwr. Co. & Ashley Elec. Lt. Ht. & Pwr. Co.; acquired Anthracite Lt., Ht. & Pwr. Co., Standard Elec. Co and Wilkes-Barre Lt., Ht. & Motor Co.) (Controlled by United Gas & Elec. Co., New York, N. Y.) Cap. $1,500,000; bds. $4,687,300.
Pres. W. H. Conyngham....Wilkes-Barre
V. Pres. Geo Bullock..New York, N. Y.
Sec. & Treas. A. L. Minor...Wilkes-Barre
Asst. Sec. Henry Morgan. New York, N. Y.
Asst. Treas. H. J. Pritchard " "
Mgr. E. A. Wakeman.......Wilkes-Barre
Supt. Frank Kelley......... "
Engr. Pwr. Sta.
Frank A. Dunn.......... "

4 a. c. G. E. tot. 2600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. & d. c. day & nt. mo. cir. 220 v; 3725 hp. e. Ridg. Allis C. Vulcan; 5340 hp. b. Bab. & W. Stir; 2000 kw. stm. turb. Allis-C, G. E.

City cont. 917 arcs G. E. series 7.5 amp; $54 per yr; 226 Mazdas 60 w. $35 per yr; all nt; coal $3. (Co. also lts. Ashley, Parsons, Miners Mills, Plains, Plainsville, Hudson, Hanover and Georgetown; will install 8000 kw. turb. and increase boiler capacity 2000 hp.)
C D L S 2 26E

**WILLIAMSBURG,** 1,523—Penn Central Pwr. & Trans. Co. (Controlled by Penn Central Lt. & Pwr. Co., to whom all energy is sold.)

1 a. c. West. 5000 kva. 6600 v. 3 ph. 60 cys; 4500 kw. turb. (stm.) West; 800 hp. b. Edge; trans. volt. 45,000 v. 3 ph. 60 cys.
S T 3 35

Rayston Wtr. Pwr. Co. See Huntingdon.

**WILLIAMSPORT**, 31,860—Lycoming Edison Co.
*Pres. & Gen. Mgr.
Ernest H. Davis............ } Williams-
Sec.& Treas. J.W.Cochran,Jr. } port
Asst. Mgr. G. E. Wendle..... "
¶ Pur. Agt. A. M. Davis ..... "
Cont. Agt. H S. Orth......... "
Ch. Engr. S. D. Flaugh....... "

3 a. c. G. E. tot. 3500 kw. 2400-240-120, v. 2 ph. 60 cys; 10 d. c. G E. tot. 740 kw. 135-140 v; 3 d. c. arc G. E. tot. 300 lt; a. c. & d. c. day cir. 116 v; pwr. cir. 232 v: 2500 hp.b. Keeler, Edge; 3800 kw. turb. (stm.) G. E.

City cont. 246 arcs $60 per yr; 36 incs. 32 c. p. $18 per yr; all nt; coal $2.05 to $2.35. (Co. also lts. So. Williamport and sells pwr. to Williamsport Pass. Ry. Co.)
C D L S 2 26E

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Citizens Elec. Co.; cap. $150,000.
¶Pres. & Mgr. J. Fischer....Williamsport
Sec. & Treas. A. Fischer....... "
*Supt. & Engr. Pwr. Sta.
M. A. Myers............... "

4 a. c. Allis-C., Bull, West. tot. 1200 kw. 2300 v. 2 ph. 60 cys; 3 d. c. G. E. West. tot. 275 kw. 250 v; a. c. & d. c. day & nt. ltg cir. 125 v; a.c. & d.c. day & nt. mo. cir. 250 v; 900 hp. e. Allis-C., Ham; 833 hp. stm. turb. Kerr; 1250 hp. b. Keeler.

Coal $2.40. (Co. also lts. So Williamsport and Newberry.)
C D L S 2 25

**WILLIAMSTOWN**, 2,904 — Lykens Valley Lt. & Pwr. Co. (Has taken over Sterling Consolidated Elec. Co. and Williams Valley Lt. Ht. & Pwr. Co.) (Gen. stas. at Wiconisco and Williamstown.) Controlled by General Utilities & Operating Co., Baltimore, Md.)
Mgr. J. B. Whitworth........Tower City
Engr. Chas. Antes............ "

Power stas. equip: 4 a. c. West. G. E. tot. 685 kw. 2200 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 800 hp. b. Keeler; 950 hp.e. Cpr., Cor., H. F. & M. Co., Nagle.

City cont. 14 arc mult. 7 amp. $55 per yr. and 114 inc. series mult. 16 to 2000 c. p. $10 to $45 per yr. (Co. also lts. Tower City, Lykens, Elizabethville Boro. Wiconisco, Orwin, Muir, Reinerton and Loyalton.)
D L S 2 3 ✠ ★125†

**WILMERDING**, 6,133—United Elec. Lt. Co.; cap. $150,000; bds. $75,000.
¶ Pres. & Mgr. Henry Harris.....Pittsburg
V. Pres. C. Baumgardner....McKeesport
Sec. & Treas. W. J. Hally......Pittsburg
*Asst. Sec. & Treas.
W. D. Gilson...............Wilmerding

6 a. c. West. tot. 600 kw. 2200-110 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; 1000 hp. e. (stm. & gas) Erie, West; 550 hp. b. Erie.

City cont. 202 series arcs $60 per yr; 125 series Tung 250 w. $33 & $21 per yr; all nt. (Co. also lts. E. McKeesport, E. Pittsburg, Turtle Creek, So. Wilmerding and Wall; also Wilkins, Patton and No. Versailles Twps.)
D G L S 1 2 ✠ 75

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Duquesne Lt. Co. See Pittsburg.

**WINBURNE**, 1,500—Penn Public Service Co. See Philipsburg.

**WINDBER**, 8,013—The Windber Elec. Co.
Pres. Thos. Fisher...................Phila.
V. Pres. B. L. Simpson.............. "
Sec. & Treas. E. H. Sanborn....... "
*Mgr. E. R. Hannum............Windber
Supt. H. G. Bonner ............. "
Ch. Elecn. N. L. Phenicie....... "

3 a.c.G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 725 hp. e. McE; 450 hp. b. Stir.

City cont. 300 incs. a. c. 80 c. p; all nt; coal. (Co. also lts. Paint & Scalp Level.)
D L S 3 ✠ 75

**WOMELSDORF**, 1,301—Berkshire Elec. Co.. See Wernersvillle.

**WOODLAND**, 1,000—Penn Public Service Co. See Clearfield.

**WOODLAWN**, 1,396 — Inter-Borough Elec. Co. See Ambridge.

**WRIGHTSVILLE**, 2,051—Wrightsville Light & Pwr. Co. (Controlled by H. E. Ahrens Co.)
Pres. H. E. Ahrens........ } 622 Court St.
Sec.& Treas. W. H. Miller. } Reading
*¶ Mgr. Cont. Agt. & Supt.
Clarence H. Gilbert........Wrightsville
Engrs. { Harvey Poff........ "
{ Chas. Poff.......... "

2 a. c. Stan. tot. 60 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 150 hp. e. A. & S; 225 hp. b; 120 hp. wtr. wh. Smith.

City cont. 22 arcs G. E. luminous 4 amp. $60 per yr; 48 series incs. 32 c. p. 40 w. 4 amp. $12.50 per yr; moonlt; coal $1.50 - $1.35. (Co. also lts. York and Columbia.)
D L S W 2 125

**WYALUSING**, 580—Wyalusing Elec. Lt.. Ht. & Pwr. Co.; cap. auth. & pd. in $10,000; bds. auth. & issued $15,000.
Pres. E. D. Lewis...............Wyalusing
V. Pres. L. R. Lantz............ "
*Sec. C. C. Smith............... "
¶ Treas. C. J. Lewis............ "
Ch.Engr.&Elecn. Edw.Hulling "

1 a. c. Warren 60 kw. 2200-110 v; no day cir; 100 hp. e. Ridgeway; —— hp. b. Nagle.

City cont. 2 arcs 800 c. p. $130 per yr; 80 incs. 32 c. p. $22.50 per yr; 1600 com. incs. 16 c. p. 16 cts. per kw; 1 A. M.; coal.
L S X ✠ 11

**WYNCOTE**, 500—Philadelphia Suburban Gas & Elec. Co. For executive officers see Philadelphia.
Mgr. L. R. Dutton.................Wyncote

Energy purchased from Phila. Elec. Co; 2 transf. West. tot. 500 kva. (Jenkintown); a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 1598 tung. 25 c. p. $16 per yr. and 40 c. p. $19 & $24 per yr; all nt; (Trans. to Jenkintown, Bethayers, Ogontz, Glenside, Ft. Washington, Hatboro, Southampton, Willow Grove, Chestnut Hill, and the townships of Abington, Cheltenham, Gwynedd, Horsham, Moreland, Springfield, Upper Dublin and Whitemarsh.)
D L 1 2 26

**WYOMING**, 3,010—Luzerne County Gas & Elec. Co. See Plymouth.

**WYOMISSING**, 985 — Pennsylvania Wtr. & Pwr. Co. See Sinking Spring.

**YORK**, 44,750—Edison Lt. & Pwr. Co. Office, 27 West Market St.; gen. sta., Water St. & Gas Alley. (On July 1,1915, The Merchants Elec. Lt., Ht. & Pwr. Co. was merged.) (Controlled by York Rys. Co.); cap. outstdg. $1,301,000; no bds.
*Pres. & Mgr. Gordon Campbell....York
V. Pres. Lewis C. Mayer............ "
Sec. & Cont. Agt. M. G. Stees....... "
¶ Treas. Edwin A. Barnitz ....... "
Audr. John J. Landers ............. "
Supt. & Ch. Engr. W. H. Long..... "

Purchases energy from York Haven Wtr. Pwr. Co; 1900 kw. rot. conv. G. E, West; 900 kw. mo. gen. G. E; 900 kw. freq. chang. West; 2 a. c. G. E. tot. 525 kw. 2200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 800 kw. 600 v; 8 d.c. arc Brush tot. 600 lt; 560 amp. stor. bat. E. S. B. 600 v; a. c. day & nt. ltg. cir. 116 v; a. c. day & nt. mo. cir. 116 v. 3 ph. 60 cys: d. c. day & nt. ltg. & mo. cir. 116 v; 1300 hp. e. Allis C, Rus; 1920 hp. b. Climax, Am. Bab. & W; 7500 kva. stm. turb. West; trans. 2200 v. 2 & 3 ph. 60 cys; owns and operates York Stm. Htg. Co.

City cont. 460 arcs 500 w. $60 per yr; all nt; coal $2.72. (Co. also does ltg. in Red Lion, Windsor, Hellam, Dallastown, Manchester and Dover.)

C D H L S 2 3 ✠ 16

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Wrightsville Lt. & Pwr. Co. See Wrightsville.

**YORK HAVEN,** 793—York Haven Water & Pwr. Co.; cap. auth. $3,000,000; bds. $3,866,000.
Pres. Geo. B. Harris..........York Haven
Sec. & Treas. Grier Hersh... "
*Gen. Mgr. W. L. Mann...... "
Supt. H. A. Delano.......... "
Engr. Pwr. Sta. C. E. Freeman "

20 a. c. Stan. tot. 15,000 kw. 25,000-2200-440-220 v. 3 ph. 60 cys; 2 d. c. Stan. 250 kw. 125 v; a. c. pwr. cir. 2400 v; 20,000 hp. turb. (wtr.) Poole.

(Sells energy in bulk. Trans. lines to York, Middletown, Steelton, Goldsboro, Bainbridge and Harrisburg.)

C T W 3 16

**YOUNGWOOD,** 1,881 — Westmoreland Elec. Co. See Greensburg.

**ZELIENOPLE,** 1,388—Zelienople Lt. & Pwr. Co. (Controlled by Republic Ry. & Lt. Co., New York, N. Y.); cap. $5,000.
Cont. Agt. & Supt.
H. C. Eichholtz..............Zelienople

Purchases energy from Penna. Power Co., Ellwood; 3 transf. Ft. W. 60 kw. 13,000-2200 v; a. c. day & nt. ltg. cir. 25 amp; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 ✠ 75

## PHILIPPINE ISLANDS.

**CEBU,** 35,240—Visayan Elec. Co.; cap. $164,600; no bds.
Pres. Albert Bryan..................Cebu
V. Pres. M. M. Levering............. "
Actg. Sec. John H. Beach............ "
*¶Actg. Treas. & Gen. Mgr.
Albert Bryan...................... "
Engr. Pwr. Sta. H. O. Duvendack..... "

2 a. c. Allis-C, Wagner, tot. 325 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 500 hp. e. Allis-C, Ham, Cor; 500 hp. b. Miller.

City cont. 320 tung. $1 per mo.
Coal $7.

D L S 2 ✠ 104

**ILOILO**—The Iloilo Elec. Co.; cap. $50,000.
*Pres. & Gen. Mgr. R. R. Landon...Iloilo
Sec. John Beach..................... "
Treas. Yap Seng..................... "
Elec. Engr. Mariano Jalbuena........Jaro
Engr. B. Rose......................Iloilo

3 a. c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; no day cir; 650 hp. e. Harrisburg-Cor; 550 hp. b. Stir, Bab. & W. (Operates ice plant.)

City cont. 235 Mazdas 25 w. $18 per yr; all nt; coal $5.50. (Co. also lts. Jaro.)

I L S 3 ✠ 104

**LUCENA,** —— Lucena Elec. Lt., Ice & Wtr. Co.; cap. $25,000.
Pres. Froilan Lopez..................Lucena
V. Pres Mauro Salvacion.......... "
Sec. Gervasio Unson............... "
Treas. Daniel Marquez............ "
Mgr. Meliton Sancho.............. "
*¶Pur. Agt. E. C. McCullough & Co.,
Manila
Engr. Pwr. Sta. Enrique Carballo. Lucena

2 d. c. C.-W. 46 kw. 230 v; d. c. day & nt. ltg. & mo. cir. 220 v; 70 hp. e. (crude oil) De La Vergne.

City cont. 110 tung. 60 w. $9 per yr; crude oil $22.

C D G I L ✠ 63

**MANILA,** 350,000—Manila Elec. R. R. & Lt. Co. (Pwr. plant on Isla Provisor, Pasig River.)
Pres. C. M. Swift..........Detroit, Mich.
V. Prests. J. H. Pardee, 43 Exchange Pl., New York, N. Y.
F. H. Reed, 43 Exchange Pl., New York, N.Y.
Gen. Mgr. C. Nesbitt Duffy.........Manila
Sec. T. W. Moffat
43 Exchange Pl., New York, N.Y.
Treas. R. B. Marchant " " "
Asst. Sec. & Asst. Treas.
Percy Farrant....................Manila
¶Oper. Mgrs. J. G. White
Mgt. Corpn,
43 Exchange Pl., New York. N. Y.
*Asst. Gen. Mgr. L. S Cairns.......Manila
Mgr. Elec. Dept. J. C. Rockwell... "
Supt. Elec. Distrbn. Roman Lopez "
Ch. Engr. Pwr. Sta. B. H. Blaisdell "

5 a. c. turbo-gen. West. Allis-C. tot. 9250 kw. 3400-220-110 v. 2 & 3 ph. 60 cys; a. c. day cir. 220-110 v; a. c. mo. cir. 220 v; d. c. pwr. cir. (ry.) 600 v; 4800 hp. b. Bab. & W.

City cont. 480 arcs; 900 incs.

C D R S 3 ✠ ★85

## PORTO RICO.

### BAYAMON

**BAYAMON,** 5,272—Porto Rico Ry., Lt. & Pwr. Co. See San Juan.

### CAGUAS.

**CAGUAS,** 10,354—Porto Rico Ry., Lt. & Pwr. Co. See San Juan.

### COMERIO.

**COMERIO,** 1,908—Porto Rico Ry., Lt. & Power Co. See San Juan.

### MAYAGUEZ.

**MAYAGUEZ,** 16,563—The Mayaguez Lt. & Ice Co. Office, Boulevard Balboa, Mayaguez; cap. outstdg. $75,000; bds. $75,000.
Pres. Ramon Valdes..............San Juan
V. Pres. Alfonzo Valdes......... "
Sec. Rafael Gomez..............Mayaguez
Treas. Pelayo Valls............. "
*¶Mgr. & Engr. Pwr. Sta.
D. H. Couch..................... "

2 d. c. W. E. tot. 200 kw. 110-220 v; nt. ltg. cir; 300 hp. e. McI & S; 600 hp. b. Payne & J; also 10 ton ice plant (Remington.)

City cont. 49 arcs G. E. mult. 3¼ amp. $107.50 per yr; 258 Mazdas 32 c. p. $84.80 per yr; all nt; coal $6.

C I L S ✠ 35

### PONCE.

**PONCE,** 35,027 — Ponce Electric Co. Executive office, 147 Milk St., Boston, Mass. (Owns the securities of Ponce Ry. & Lt. Co., which operates an electric railway between Ponce and the Playa (Port), and which does the entire lighting and power business. Tot. gen. capacity 950 kw.); cap. $500,000; bds. $220,000.

Pres. Frederick S. Pratt....Boston, Mass.
V. Pres. Francis J. Hovey. " "
Sec. Wm. T. Crawford..... " "
Treas. H. B. Sawyer........ " "
Gen. Mgrs. Stone & Webster Mgt. Assn.................. " "
Mgr. Oper. Co. H. G. Parker.......Ponce
Engr. Pwr. Sta. L. E. Gowling..... "

3 a. c. G. E, West. tot. 500 kw. 2200 v. 2 ph. 60 cys; 3 d. c. G. E. tot. 350 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1025 hp. e. McE, Ball, Wood; 676 hp. b. Heine, Bab. & W; tot. capacity 850 kw.

City cont. 53 arcs 2000 c. p; all nt. & midnt; coal.

C D R S 2 ✠ 26

### RIO GRANDE.

**RIO GRANDE,** 1,843—Porto Rico Ry., Lt. & Pwr. Co. See San Juan.

### SAN JUAN.

**SAN JUAN,** 48,716—Porto Rico Rys. Co., Ltd. Main Office, 76 Adelaide St. West, Toronto, Ont., Can. (Owns and operates Porto Rico Ry., Lt. & Pwr. Co. and Porto Rico Constr. Co.); cap. $4,000,000; bds. $4,017,666.67.

Pres. D. E. Thomson, K. C., Toronto, Ont. Can.
V. Pres. W. D. Ross.. " " "
Sec. & Treas. Fred C. Clarke, Toronto, Ont. Can.
*Gen. Mgr. O. M. Sewell.........San Juan

★16

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Porto Rico Ry., Lt. & Pwr. Co. Office, San Juan. (Controlled by the Porto Rico Rys. Co., Ltd.); hydro-electric stas. (2) at Comerio, reserve stm. plant at San Turce.

Pres. & Gen. Mgr. O. M. Sewell.....................San Juan
*V. Pres. & Comptr. C. S. Jenner.................. "
Sec. & Audr. F. Glanville....... "
Treas. & Acct. J. L. McLeod.... "
¶Pur. Agts. Electrical Engineering & Purchasing Co. 115 Broadway, N.Y., N.Y.
J. Egoscue (Local) San Juan
Supt. Lt. & Pwr. Ross W. Cryder "

9 a. c. West. G. E. tot. 6975 kw. 2300 v. 2 & 3 ph. 60 cys; 1 d. c. Bull. 250 kw. 550 v; 2 arc West. tot. 175 lts; 2080 amp. hr. stor. bat. 550-250 v. E. S. B; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph. 60 cys; 700 hp. e. Ames; 1750 kva. stm. turb. West; 1650 hp. b. Cahill Bab. & W; 7800 hp. turb. (wtr.) Morris, Smith, W. S. M.

Coal $6. (Co. also does ltg. in San Turce, Comerio, Bayamon, Catano, Humacao, Fajardo, Rio Piedras, Rio Grande, Juncos, Gurabo, Carolina, Caguas, Yabucoa, Naguabo, Toa Alta, Toa Baja, Dorado, Vega Alta, Vega Baja, Cieba Loize and Manati.)

C D R S W 2 3 ✠ ★16

## RHODE ISLAND.

**ANTHONY,** 1,000—Narragansett Elec. Ltg. Co. See Providence.

**APPONAUG,** 1,000—Narragansett Elec. Ltg. Co. See Providence.

**ASHTON,** 1,200—Blackstone Valley Gas & Elec. Co. See Pawtucket.

**BARRINGTON,** 2,452—Bristol County Gas & Elec. Co. See Bristol.

City cont. 257 incs. series 48 c. p. $12 per yr; all nt.

L 125

**BRIDGETON,** 280—See Pascoag.

a. c. day & nt. cir. 2300 v. 3 ph. 60 cys.

D L 3 16

**BRISTOL,** 8,565—Bristol County Gas & Elec. Co. (Controlled and operated by the Narragansett Elec. Ltg. Co.); cap. auth. & pd. in $200,000; bds. auth. & issued $100,000, 6 p. c. int.

Pres. Saml. P. Colt................Bristol
Sec. & Treas. Edw. A. Barrows, Providence
Gen. Mgr. Arthur B. Lisle..... "
Gen. Supt. W. T. Oviatt...... "
Supt. A. G. Earle..................Bristol
Elec. Engr. S. B. Swan.........Providence

Energy from Narragansett Elec. Ltg. Co. 10,000-2200-104 v. 3 ph. 60 cys; a. c. day cir. 2200-104 v.

City cont 820 incs. series 48 c. p. $12 per yr; 42 incs. series 360 c. p. $53.75 per yr; all nt. (Co. also lts. Barrington and Warren.)

D L 3 125

***CENTRAL FALLS,** 22,754—Blackstone Valley Gas & Elec. Co. See Pawtucket.

**CENTERVILLE,** 1,500—Narragansett Elec. Ltg. Co See Providence.

**COVENTRY,** 5,848—Narragansett Elec. Ltg. Co. See Providence.

**CRANSTON,** 21,107—Narragansett Elec. Ltg. Co. See Providence.

**CROMPTON,** 1,000—Narragansett Elec. Ltg. Co. See Providence.

**EAST GREENWICH,** 3,420—Narragansett Elec. Ltg. Co. See Providence.

**EAST PROVIDENCE,** 15,808—Narragansett Elec. Ltg. Co. See Providence.

**HARRISVILLE,** 500—Munic. Ltg. System.

*Supt. J. Herbert Bailey.........Pascoag

Energy purchased from City of Pascoag; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550-220-110 v. s. & 3 ph. 60 cys.

69 city incs. "C" 6.6 amp. $12.50 per yr; midnt. moonlt.

D L 1 3 ★125

**HOPE VALLEY,** 1,100—Westerly Lt. & Pwr. Co. See Westerly.

**JAMESTOWN,** 1,175—Newport & Fall River St. Ry. See Newport.

a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys.

City cont. 90 Mazdas 75 w. $25 per yr.

D R 1 3 16

**JOHNSTON,** 5,935—Narragansett Elec. Ltg. Co. See Providence.

**KINGSTON,** 200—Narragansett Pier Elec. Lt. & Pwr. Co. See Narragansett Pier.

a. c. day & nt. ltg. cir. 110 v. 60 cys.

D L 16

**LAFAYETTE,** 1,000—Wickford Lt. & Wtr. Co. See Wickford.

**LONSDALE,** 3,700—Blackstone Valley Gas & Elec. Co. See Pawtucket.

**MANVILLE,** 6,000—Blackstone Valley Gas & Elec. Co. See Woonsocket.

**MIDDLETOWN,** 1,708 — Newport & Fall River St. Ry. See Newport.

**NARRAGANSETT PIER,** 1,250 — Narragansett Pier Elec. Lt. & Pwr. Co.; cap. $100,000; bds. $44,500.

Pres. J. Babcock..................Wakefield
*¶Sec. & Mgr. W. C. Clarke... "
Treas. L. V. Bell................ "
Cont. Agt. Geo. L. Prentice, Jr. . Wickford
Supt. Lines, R. H. Champlin. . Wakefield

Energy purchased from Narragansett Elec. Ltg. Co.; 4 transf. West. tot. 925 kw; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-500 v. s. & 3 ph. 60 cys.

City cont. 16 Mazdas 400 c. p. $61 per yr; 340 Mazdas 60 c. p. $13.98 per yr; mdnt. (Co. also lts. Peacedale, Wakefield, Kingston, West Kingston and Matunuc.)

D L 1 3 ✠ 16

**NATICK,** 3,500 — Narragansett Elec. Ltg. Co. See Providence.

**NEWPORT,** 27,149—Newport & Fall River St. Ry. Co. (Leased to Bay State St. Ry. Co., 84 State St., Boston, Mass;) cap. $900,000; bds. $876,500.

Pres. P. F. Sullivan........Boston, Mass.
V. Pres. Dr. Chas. A. Brackett ...Newport
Sec. Wm P. Sheffield........... "
Treas J. H. Goodspeed.... Boston, Mass.
¶Pur. Agt. C. R. Rockwell " "
Mgr. Robt. S. Goff.......... " "
*Supt. Mtv. Pwr. C. F. Bancroft " "
Supt. Il'g. Dept. E. P. Gosling. . Newport
Engr. Pwr. Sta. Wm. G. Oxx... "

4 a. c. G. E. tot. 2500 kw. 2300 v. 3 ph. 60 cys; 5 d. c. G. E. tot. 950 kw. 550-125-250 v; 5 d. c. rect. G. E. tot. 250 lts; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 115-230 v. s. & 3 ph. 60 cys; 3600 hp stm. turb. G. E; 1400 hp. b. Bab. & W.

City cont. 165 arcs lumn. 4 amp. $100.25 per yr; all nt; coal $3.75. (Co. also lts. Middletown and operates in Jamestown and Portsmouth.)

C D R S 1 3 16

**NORTH PROVIDENCE,** 5,407—Narragansett Elec. Ltg. Co. See Providence.

**NORTH SMITHFIELD**—Blackstone Valley Gas & Elec. Co. See Woonsocket.

**PASCOAG,** 2,600 — Munic. Elec. Ltg. System; notes outstg. $18,000.

Treas. M. B. Griffin................Pascoag
¶ Pur. Agt. A. H. Sayles.........
*Gen. Supt.
J. Herbert Bailey............... "

Purchases energy from the Rhode Island Pwr. Trans. Co; 3 transf. Ft. W. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 60 cys.

240 city tung. "C" 60-100 c. p. moonlt. 1 A. M. (Also lts. Harrisville and Bridgeton.)

D L 1 3 125

**PAWTUCKET,** 51,622—Blackstone Valley Gas & Elec. Co. (Acquired physical property of Woonsocket Gas Co., Pawtucket Elec. Co. and Woonsocket Elec. Machine & Pwr. Co.) (Also purchased all the common stock and $10,000 preferred stock of The Pawtucket Gas Co. of N. J. which company owns all the cap. stock of The Pawtucket Gas Co.) Does entire gas and electric ltg. business in the Blackstone Valley of R.I. including cities of Pawtucket, Woonsocket and Central Falls and the towns of Cumberland, Lincoln and other adjacent towns.) Pwr. plants in Pawtucket, Central Falls and Woonsocket, total gen. capacity 23,250 kw; cap. outstg. $1,259,800 (pfd.) $2,224,200 (common); bds. $2,006,000.

Pres. Frederick P. Royce { 147 Milk St. Boston, Mass.
Sec. Wm. T. Crawford...... "
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster
Mgt. Assn................ "
¶ Mgr. S. B. Tuell...............Pawtucket
Mgr. (Pawtucket Gas Co.)
Wm. McGregor,............... "
Cont. Agt. C. W. Brown ...... "
Engr. Pwr. Sta. Daniel Valentine "

6 a. c. G. E. tot. 8600 kw. 2300-2200-550-106 v. 3 ph. 60 cys; 6 d. c. pwr. G. E. tot. 1250 kw. 550 v; a. c. day cir. 106 v; a.c. & d.c. pwr. cir. 550 v; 2250 hp. e. McI. & S; 10,000 kw. stm. turb. G. E, Allis-C; 1125 hp. turb. (wtr.) McC; 7590 hp. b. Bab. & W. Heine; also purchases energy from Rhode Island Pwr. Trans. Co; stm. htg.

City cont. 570 arcs G. E. magn. & enc. 4 & 6.6 amp. $70 & $105 per yr; 640 incs. Tung. 60 c.p. $45 & $30 per yr; all nt.; coal $3.65. (Pawtucket Div. also lts. Ashton, Lonsdale, Saylesville, Valley Falls, Cumberland and Lincoln.)

C D H L S W 3 ★26

Rhode Island Pwr. Trans. Co. (Part of the New England Pwr. Co. System.) (Under general operating management of Chace & Harriman, Inc.)

Pres. M. S. Chace
50 Congress St., Boston, Mass.
V. Pres. J. O. Ames...........Providence
Sec. Frank L. Hinckley...... "
Treas. Wm. W. Brooks
50 Congress St., Boston, Mass.

Receives energy from the lines of the Conn. River Trans. Co. at the Massachusetts-Rhode Island line. Owns a high tension 110,000 volt. trans. line, extending from the Mass. line through the towns of Woonsocket and Pawtucket to a sub sta. (cap. approx. 15,000 kw.) in the latter city from which sta. energy is delivered to the Narragansett Elec. Ltg. Co. of Providence, the Blackstone Valley Gas. & Elec. Co. of Pawtucket and Woonsocket and to large customers in various cities and towns of the state.

T §105

**PEACEDALE,** 1,000 — Narragansett Pier Elec. Lt. & Pwr. Co. See Narragansett Pier.

**PHENIX,** 2,500 — Narragansett Elec Ltg. Co. See Providence.

**PORTSMOUTH,** 2,681—Newport & Fal River St. Ry. For officers, see Newport

1 a. c. G. E. 100 kw. 2300 v; 3 ph. cys; a. c. day & nt. ltg. cir. 115 v; a. mo. cir. 230 v; 100 kw. turb. (stm.) G. E.

D L S 3 16

**PROVIDENCE,** 224,326 — Narragansett Elec. Ltg. Co., office, 76 Turks Head Bldg. (Controls and operates Bristol County Gas & Elec. Co. and East Greenwich Elec. Co.); cap. $6,000,000.

Pres., Sec. & Treas.
E. A. Barrows................Providence
Asst. Sec. W. T. Peckham.... "
*Gen. Mgr. Arthur B. Lisle... "
Gen. Supt. W. T. Oviatt...... "
Sales Mgr. E. R. Davenport... "
Mech. Engr. M. W. Kern..... "
Elecl. Engr. S. B. Swan....... "
Ch. Engr. F. W. Townsend... "

5 a. c. G. E, West. tot. 20,570 kw. 11,000-2300 v. 3 ph. 60 cys; 7 mo. gen. tot. 7,500 kw. West, G. E; a. c. day & nt. ltg. cir. 104-250 v. 60 cys; a. c. mo. cir. 500 v. 3 ph. 60 cys; d. c. day & nt. ltg. cir. 250 v; d. c. mo. cir. 500 v: 1600 hp. e. Prov; 39,000 hp. stm. turb. West; 7760 hp. b. Bab. & W; 940 kw. hr. stor. bat. E. S. B. 500 v. Also purchases energy from Fall River Elec. Lt. Co., at state line between

Swansea & Warren. Energy also from Rhode Island Pwr. Trans. Co.

City cont 1560 arcs magn. 6.6 amp. $85 per yr. (underground) & $75 per yr. (overhead); 7700 tung. 90 c. p. $17 per yr. (overhead) & $22 per yr (underground): all nt; coal $4. (Co. also lts. E. Prov., N. Prov., Cranston, Johnston, Warwick, Bristol, Anthony, Auburn, Crompton Riverside, Smithfield and through sub-station at Apponaug lts. E. Greenwich, Warwick, West Warwick, Natick, Phenix, River Point, Arctic and Centerville; also lts. parts of Coventry, N. Kingston and Scituate; sells energy to Seekonk (Mass.) Elec. Co., Narraganett Pier Elec. Lt. & Pwr. Co., Wickford Lt. & Wtr. Co. and Seaview R. R. Interchange of energy with the Fall River Elec. Lt. Co.)

C D N S 3 ★125

**RIVER POINT,** 1.400—Narragansett Elec. Ltg. Co. See Providence.

**RIVERSIDE,** 1,500 — Narragansett Elec. Ltg. Co. See Providence.

**TIVERTON,** 4,032—Tiverton Elec. Lt. Co. (Operated by Fall River Elec. Lt. Co.): cap. $12,000.

Pres. George R. Lawton..........Tiverton
Sec. Abraham Manchester....Adamsville
Treas. O. Durfee..................Fall River
Supt. A. H. Kimball............ "

Energy from Fall River (Mass.) Elec. Lt. Co.; a. c. day & nt. ltg. cir. 115 v.; a. c. day & nt. mo. cir. 3 ph. 60 cys.

City cont. 268 incs.

D L 3 85

**VALLEY FALLS,** 3,750 — Blackstone Valley Gas and Elec. Co. See Pawtucket.

**WAKEFIELD,** 1,000 — Narragansett Pier Elec. Lt. & Pwr. Co. See Narragansett Pier.

**WARREN,** 6,585 — Bristol County Gas & Elec. Co. See Bristol.

City cont. 268 incs. series 48 c. p. $12 per yr; 40 incs. 360 c. p. $53.75 per yr; all nt.

L 125

**WARWICK,** 26,629—Narragansett Elec. Ltg. Co. See Providence.

**WESTERLY,** 8,696 — Westerly Lt. & Pwr. Co. (Controls the Mystic Pwr. Co.) (Purchased by Bodell & Co., Providence); cap. $700,000; bds. $350,000.

Pres. Wm. Clark..................Westerly
V. Pres. Philip B. Simmonds..Providence
Sec. & Treas. Frederick B. Wilcox "
Asst. Treas. Frederick Bodell ....Westerly
*Mgr. M. H. Spellman............ "
Supt. Fred Clark.................. "
Ch. Engr. John J. Carney........ "

5 a. c. Ft. W. tot. 800 kw. 2300 v. 3 ph. 60 cys; a.c. day cir. 110 v; a. c. day mo. cir. 550 v; 1250 hp. mo; 1125 hp. e. Diesel; also purchases energy from Norwich & Westerly Trac. Co.

City cont. 10 arcs flaming 6.6—20 amp. $90 per yr; 450 Mazdas 60 w. $18 per yr; 25 3-lt. clusters 100 w. $54 per yr; all nt; oil. (Co. also distributes in Hope Valley, Watch Hill, Pleasant View, Carolina, Shannock, Wood River Jct., Alton, Kenyon, Ashaway, Bradford and Weekapaug).

D G L S 3 ✠ ★125

**WEST KINGSTON,** 175 — Narragansett Pier Elec. Lt & Pwr. Co. See Narragansett Pier.

a. c day & nt. ltg. cir. 110 v. 60 cys.

D L 16

**WICKFORD,** 1,500—Wickford Lt. & Wtr. Co.; cap. outstg. $25,000; no bds.

Pres. T. F. McDonnell.........Providence
V. Pres. L. F. Bell..............Wakefield
Sec. J. P. B. Pierce..............Wickford
Treas. E. A. Barrows...........Providence
Asst. Treas. Geo. Prentice, Jr...Wickford
*¶ Gen. Mgr. W. C. Clarke... Wakefield

Energy purchased from The Narragansett Elec. Ltg. Co.; 4 transf. G. E. tot. 125 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 107 incs. 25 cp. 12 per yr; Phila. moonlt; mdnt. (Co. also lts. Lafayette, Saunderstown, Barbours Heights, Davisville, Allenton and Hamilton.)

D L 1 ✠ 125

**WOONSOCKET,** 38,125 — Blackstone Valley Gas & Elec. Co. Woonsocket Div. (2 gen. stations). For executive officers see Pawtucket.

*Mgr. A. F. Townsend...1 & 3 Clinton St.
Cont. Agt. H. J. Pettengill, Jr. "
Supt. P. F. Hodgkins.......... "
Engr. Pwr. Sta. E. T. Reed... "

6 a. c. G. E. West. tot. 2900 kw. 13,200-2300 v. 3 ph. 25 & 60 cys; 2 d. c. West. tot. 1000 kw. 600 v; 6 rect. G. E. tot. 300-lt; trans. 13,200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v; 2500 hp. e. Cor. West; 2150 hp. stm. turb. G. E; 2112 hp. b. Bab. & W. 901 hp. wtr. wh. Rod-Hunt, S. B.

City cont. 249 arcs magn. 4 amp. $85 per yr; 217 tung 60 c. p. $27.50 per yr; 119 incs. 40 c p. $25 per yr; all nt; coal $4.45. (This div. also lts. Manville, North Smithfield and Cumberland Hill and sells energy to The Blackstone (Mass.) Elec. Lt. Co. and the Union Lt. & Pwr. Co., Franklin, Mass.)

C D L S W 3 ✠ 125

## SOUTH CAROLINA.

**ABBEVILLE,** 4,459—Munic. Wtr. & Elec. Plant. (Purchased plant of Abbeville Wtr., Lt. & Pwr. Co.); cost $75,000; bds. $50,000.

City Clerk, T. G. Perin...........Abbeville
Sec. Gertrude H. Sign........... "
*¶Treas. & Supt. E. M. Anderson "
Engr. Pwr. Sta. C. L. Deadwyler "

Energy purchased from Southern Public Utilities Co., Anderson; 3 transf. G. E. tot. 450 kw; 1 a. c. West. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 150 hp. e. H. & T; 150 hp. b. Cole; (stm. plant reserve.)

City cont. 51 magn. arcs 310 w. $60 per yr; 69 incs. 4 amp. $15 per yr; 187 incs. (White Way) tot. $1,005 per yr; all nt.

D L S 3 ✠ 16

**AIKEN,** 3,911—Carolina Lt. & Pwr. Co.; cap. $50,000; bds. $39,500.

Pres. & Treas. H. M. Dibble......Aiken
*Sec. H. Busch...................... "
¶ Mgr. & Ch. Elecn. Harry Sudlow "
Engrs. Pwr. Sta. } A. R. Steele......Graniteville
L. G. Canipe..........Langley

2 a. c. G. E. tot. 750 kw. 11,000-5500-2200 v. 2 ph. 60 cys; a. c. day ltg. cir. 100 v. 60 cys; a. c. mo. cir. 100 v. s. & 2 ph. 60 cys; 500 hp. e. Ball, West; 400 hp. b. Lombard; 825 hp. wtr. wh. Hunt, Smith.

City cont. 78 arcs 7.5 & 6.6 amps. $48 & $70 per yr; 176 incs. 60 & 80 c. p. $18 & $24 per yr; moonlt; wood $2; coal $4. (Co. also lts. Graniteville and Vancluse.)

D L S W 1 2 14

**ALLENDALE,** 1,453—Munic. Elec. Lt. Plant; bds. $65,000.

Commrs. { Chmn. Bd., F. W. Gooss, Allendale
E. H. Oswald........ "
B. F. Baker.... ..... "
Sec. & Treas. John Gooss....... "
*¶ Mgr. J. W. Mallard............ "
Engr. Pwr. Sta. J. N. Jones .... "

1 a. c. G. E. 48 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 90 hp. e. Fleming.
65 city incs. 6.6 amp. 100 w. $2.25 per yr; coal $3.40.
D L S 3 §125

**ANDERSON,** 9,654—Southern Public Utilities Co. For executive officers see Charlotte, N. C.
Local Mgr. H. A. Orr..............Anderson
5 a. c. Stan, G. E, West. tot. 6600 kw. 2200 v. 2 ph. 60 cys; 3 d. c. G. E, West. tot. 500 kw. 125 v; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 1000 hp. (stm.) turb. G. E; 750 hp. b. ——; 10,000 hp. wtr. wh. Smith; trans. 11,000 v. 2 ph.
City cont. 178 enclosed arcs G. E. 6.6 amp. $45 per yr; 20 incs. 32 c. p. $18 per yr; all nt; coal $3. (Sells energy in bulk to the Cities of Abbeville and Greenwood.)
C D L S W 1 2 ✠ 45E

**AUTUN,** 40—Pendleton Elec. Lt. Co.; cap. $5,000; cost $5,000.
Pres. & Treas. E. N. Sitton..........Autun
*¶V. Pres. & Mgr. B. M. Aull........ "
Sec. Miss E. A. Sitton.................. "
Engr. Pwr. Sta. R. L. Anderson...... "
1 a.c. West. 50 kva. 2200 v. 3 ph. 60 cys; 2 d. c. West. tot. 15 kva. 110 v; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v; d. c. nt. ltg. cir. 110 v; 100 hp. wtr. wh. McC.
City cont. 38 series tung. 100 w. $16 per yr; all nt. (Co. also lts. Pendleton.)
C L W 3 ✠ 125

**BAMBERG,** 1,937—Munic. Electric Lt. & Wtr. Wks. Plant; cost $27,300; bds. $15,000.
*Chmn. Bd. A. W. Knight......Bamberg
Supt. & Engr. Pwr. Sta.
G. D. Ryan.......................... "
2 a. c. C. W, West. tot. 150 kw. 2200 v. 3 ph. 60 cys; 1-50 kva. const. cur. reg; a. c. nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 225 hp. e. Harrisbg, L. & B; 200 hp. b. Lom.
City cont. 15 arcs A. B. 6.6 amps. 1200 c. p. $48 per yr; 45 tung. 100 c. p. $19.25 per yr; moonlt; coal $3.50.
L S 1 3 ✠ 73

**BATESBURG,** 1,995—Munic. Electric Lt. Plant; cost $20,000; bds. $20,000.
Supt. & Engr. Pwr. Sta.
J. W. Blease..................Batesburg
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. 2 kw. 125 v; 1 rect. 21 kw. trans. volt. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. s. & 3 ph. 60 cys; 150 hp. e. Har; 100 hp. b. Cole.
26 city arcs G. E. 2000 c. p; 40 incs. series 80 w; coal $100 per mo.
L S 1 3 82

**BELTON,** 1,652—Belton Power Co. (Pwr. plant on Saluda River, 9 miles distant); cap. $100,000; bds. $150,000.
*Pres. & Treas. John B. Adger....Belton
V. Pres. Ellison A. Smyth.......Greenville
Sec. Louis Seel, Jr....................Belton
¶ Supt. Julian Walton.............. "
4 a. c. G. E. tot. 3100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-112 v. 60 cys; a. c. day & nt. mo. cir. 2250-220. 110 v. 3 ph. 60 cys; 4650 hp. turb. Hol-Smith; trans. 23,000 v. 3 ph. 60 cys.
City cont. 40 arcs 6.6 amps. $60 per yr; 28 series incs. 60 w. $20 to $25 per yr; all nt. (Co. also lts. Williamston and sells energy to cotton mills.)
D L W 3 16

**BENNETTSVILLE,** 3,000—Munic. Elec. & Wtr. Plant; cost $100,000.
Treas. H. J. Riley............Bennettsville
*¶ Mgr. Cont. Agt. &
Ch. Elecn. E. C. Morrison. "
Supt. Ovhd. Distrbn.
J. M. Easterling........... "
Ch. Engr. J. F. Suber...... "

2 a. c. G. E. Ft. W. tot. 165 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104-110 v. 60 cys; 225 hp. e. H. F. & M; 260 hp. b. C. & H.
105 city incs. 100 & 250 c. p. 6.6 amp; 38 5-lt. standards 40-100 w; moonlt; coal $3.60.
D L S 1 3 ★16

**BISHOPVILLE,** 1,659—Munic. Lt. & Pwr. Plant.
*Sec. & Treas. W. S. James...Bishopville
Supt., Ch. Engr. & Elecn.
S. P. Sutton.................... "
1 a.c. West. 90 kw. 2200 v. s. ph. 60 cys; 2 arcs West. tot. 50 lt; a. c. nt. ltg. cir. 110 v. 60 cys; 125 hp. e. Har; 275 hp. b. Gibs. Ames.
City cont. 45 Tung. series 6.6 amp; coal $3.
L S 1 ✠ 14

**BLACKSBURG,** 1,119—Great Falls Pwr. Co. See Great Falls.
Local Supt. R. B. Moss.........Blacksburg
Ninety-nine Islands Sta. (Broad River); 6 a. c. West. tot. 18,000 kw. 2500 v. 3 ph. 60 cys; 31,200 hp. wtr. wh. Allis-C.
T W 3 26

South Carolina Lt., Pwr. & Rys. Co. See Spartanburg.

**BLACKVILLE,** 1,278—Blackville Lighting Co; cost $9,000.
*Owner & Mgr. J. K. Hair......Blackville
2 a.c. G. E. tot. 97½ kw. 1150-104 v. s. ph. 125 cys; a. c. day & nt. ltg. & mo. cir. 104 v. s. ph. 125 cys; 190 hp. e. Skinr, Erie; 120 hp. b. Lombard, Warfield.
City cont. 64 Mazdas series 100 w. $37.50 per yr; moonlt; all nt; wood $2; coal $3.40.
D L S 1 ✠ 14

**BRANCHVILLE,** 1,471—Branchville Elec. & Telephone Co.; cap. $15,000; no bds.
*Pres. W. M. Warren..........Branchville
V. Pres. J. P. Wingard....... "
¶ Sec. Treas. & Mgr. C. F. Smoak "
Supt. & Engr. Pwr. Sta.
J. B. Dodenhoff.............. "
2 a. c. Westg. tot. 120 kw. 2200-110 v. s. & 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; 80 hp. e. Skinr; 80 hp. b. Lombard.
City cont. 25 arcs 1200 c. p. $60 per yr; 50 incs. 32 c. p. $15 per yr; wood & coal.
L S 1 2 ✠ 22

**CAMDEN,** 3,569—*Munic. Elec. Lt. Plant; bds. $12,500.
Supt. E. D. McCutchon............Camden
2 a. c. G. E., West. tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. (winter only) mo. cir. 110-220 v. s. & 3 ph. 60 cys; 550 hp. e. Ames McI. & S; 350 hp. b. Erie City.
362 city tung. 100 c. p. $12 per yr; all nt; coal.
D L S 1 8 ★26E

**CHARLESTON,** 58,833—Charleston Consol. Ry. & Ltg. Co. (Leased Charleston Cons. Ry., Gas & Elec. Co. for 99 yrs.); cap. auth. $2,000,000.
Pres. Philip H. Gadsden.......Charleston
V. Prests. { Walton Clark......Phila., Pa.
Gen. Mgr.
Geo. H. Waring..Charleston
Sec. G. W. Curran..............Phila., Pa.
Treas. James Ball............. "
¶ Pur. Agt. J. A. Pearson..... "
*Supt. Elecl. Dept.
John G. Felton.............Charlestown
Ch. Engr. Pwr. Sta.
J. O. Moisson............... "
3 a. c. G. E. tot. 5000 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys;

d. c. ltg. & mo. cir. 500 v; 5000 kw. stm. turb. G. E; 2640 hp. b. Franklin.

City cont. 365 arcs G. E. 6.6 amp. $54 per yr; 11 incs 60 c. p. $30 per yr; all nt; coal $2.80. (Sells energy to Charleston-Isle of Palms Trac. Co.)

C D L S 3 ✠ ★16

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Charleston Isle of Palms Trac. Co. (Pwr. sta. on Sullivan's Island.)
Pres. & Treas. James Sottile..Charleston
Sec. Lawrence Pinckney...... "
Auditor A. Janssen........... "
*¶ Gen. Supt. & Ch. Engr.
W. W. Fuller.............. "
Engr. Pwr. Sta. John Brouthers "

2 a. c. G. E, West. tot. 224 kw. 2300 v s. & 3 ph. 60 cys; 2 d. c. G. E. tot. 504 kw. 500-550 v; a. c. nt. ltg. cir. 104-107 v. 60 cys; a. c. mo. cir. 107 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 500 v. (ry.); 1000 hp. e. H. M. & B; 1000 hp. b. H. M; & B. (Also purchase energy from Charleston Consol. Ry. & Ltg. Co.)

Coal. (Co. lts. Mt. Pleasant, Sullivan's Island and Atlanticville, mdnt; also lts. Government Reservation on Sullivan's Is. day & nt.)

C D R S 1 3 125

**CHERAW,** 2,873—Yadkin River Pwr. Co. For executive officers, see Rockingham, N. C.
Local Supt. Wm. Bailey ........Cheraw

3 transf. G. E. tot. 225 kva; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 24 arcs a. c. 7.5 amp. $60 per yr; 34 Mazdas 60 c. p. $24 per yr; all nt.

D L 3 75

**CHESTER,** 4,754 — Southern Public Utilities Co. See Charlotte, N. C.

**CLINTON,** 3,273 — Munic. Elec. Lt. & Wtr. Plant; bds. $60,000.
*¶ Mgr. & Cont. Agt.
B. B. Mills......................Clinton
Engr. Pwr. Sta. J. H. Henderson. "

2 a. c. Ft. W. tot. 500 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 114 v. 60 cys; a.c. mo. cir. 2300-550-440-220-110 v. s. & 3 ph. 60 cys; 450 hp. e. H. F. & M; 350 hp. b. W. & W.

175 city incs. 700 w; moonlt; coal $3.

D L S 1 3 ✠ 25

**CLOVER,** 1,207 — Southern Pwr. Co. See Charlotte, N. C.

**COLUMBIA,** 26,319 — Columbia Railway, Gas & Elec. Co. Office, Arcade Bldg., Columbia. (Consol. Columbia Elec. St. Ry. Co., Columbia Wtr. Power Co. and Columbia Gas Lt. Co.); cap. $2,831,600; bds. $3,494,000.
Pres. & Treas. Edwin W. Robertson
Columbia
V. Pres. Henry Parsons..New York, N.Y
Sec. R. Charlton Wright.......Columbia
*¶ Mgr. Alfred Wallace........ "
Audr. Chas. M. Tew............ "
Supt. Ovhd. Distrbn. J. A. Hancock,
Columbia
Ch. Engr. W. M. Shannon..... "

9 a. c. G. E. West. tot. 10,500 kw. 3300 v. 3 ph. 40 cys; 4 d. c. G. E. tot. 1000 kw. 575 v; 4 d. c. arc G. E. Brush tot. 520 lt; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 575 v. 3 ph. 40 cys; 5500 kw. steam turb. West. G. E. Parsons; 8000 turb. wtr. Rodney Hunt, Smith; 4000 hp. b. Bab. & W. Stir; also purchases energy from Parr Shoals Pwr. Co.

City cont. 284 arcs enc. magn. 1200 c. p. $61 per yr; 40 incs. Gem 60 w. $27 per yr; all nt; coal $3.45. (Co. also lts. Waverly, Shandon, Shandon Annex, Eau Claire and New Brookland.)

C D R S W 3 25

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Parr Shoals Pwr. Co. (Pwr. sta. at Parr Shoals on Broad River, 27.5 mi. from Columbia. Provision for eight units, cap. 29,000 hp.); cap. $2,000,000 (com.), $300,000 (pfd.); bds. $3,000,000.
Pres. Edwin W. Robinson......Columbia
V. Pres. Henry Parsons..New York, N.Y.
Sec. R. Charlton Wright.......Columbia
Treas. C. M. Tew.............. "
Mgr. Alfred Wallace........... "
*Ch. Engr, W. M. Shannon...... "
Engr. Pwr. Sta. G. R. Jones.........Peak

5 a. c. Allis-C. tot. 15,500 kw. 2300 v. 3 ph. 40 cys; trans. 66,000 v; 20,000 hp. wtr. wh. Allis-C.

(Energy sold in bulk to Columbia Ry., Gas & Elec. Co. and City of Winnsboro)

T W 3 ★125

**CONWAY,** 1,228—Quattlebaum Lt. & Ice Co. (consolidation of Conway Lt. & Pwr. Co. and Quattlebaum Ice Co.)
*¶ Pres., Mgr. & Cont. Agt.
Paul Quattlebaum ..............Conway
V. Pres. B. G. Collins............. "
Sec. Treas. & Supt.
McQueen Quattlebaum .......... "
Engr. Pwr. Sta. Perry Quattlebaum "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; 1 rect. West. 35 lt; a. c. nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 112 v. s. ph. 60 cys; 200 hp. e. Ridge, Harris; 225 hp. b. Atlas, Erie. Also 17-ton De L. V. ice plant.

City cont. 25 arcs metallic flame West. 4 amp. $95 per yr; 22 Tung. 80 c. p. $24 per yr; 1 A. M. moonlt; wood $1.65; sawdust 40 cts; coal $3.70.

I L S 1 3 ✠ 125

**COWPENS,** 1,101—South Carolina Lt., Pwr. & Rys. Co. See Spartanburg.

**DARLINGTON,** 3,789—Carolina Central Elec. Co. For executive officers see Florence.
Local Supt. C. L. Romedy.....Darlington
Ch. Engr. C. E. Hatchael...... "

Reserve equip:—2 a. c. Allis-C. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Ames, Russell; 250 hp. b. Erie; energy from Florence; transmn. volt. 13,200 v; 2 trans. West. tot. 200 kw.

City cont. 38 series "C" arcs 400 c. p. $75 per yr; 72 tung. 80 c. p. $24 per yr; all nt; coal $3.90.

D L S 3 ✠ 125

**DENMARK,** 1,075—Denmark Lt. & Pwr. Co.
Chmn. C. S. Campbell..........Columbia
*Mgr. F. M. Stansbrough.......Denmark
Audr. W. B. Dickenson......... "
Ch. Engr. Pwr. Sta. J. W. Northrup "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (in summer) ltg. & mo. cir. 110 v; 180 hp. e. W. & G. Cor; 120 hp. b. York; also 25 ton ice plant.

City cont. 150 incs. "C" 100 to 400 c. p; all nt; coal $3.40.

D I L S 3...... ✠ 75

**DILLON,** 1,757—Munic. Elec. Lt., Wtr. Wks. & Sewerage Plant; cost $92,000; bds. $92,000.
Comrs. { Chmn. M. T. Stubbs......Dillon
T. S Richbourg.......... "
J. M. Rodgers............ "
*¶ Supt. W. H. Crow................ "
Engr. Pwr. Sta. J. Butler.......... "

1 a. c. Ft. W. 100 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. e. Ball; 225 hp. b. Lombard.

72 city Mazdas 100-200 c. p. $3 per yr; moonlt; coal $3.40.

L S 3 ✠ 25

**EASLEY,** 2,983—Southern Pwr. Co. See Charlotte, N. C.

**FLORENCE,** 7,057—Carolina Central Elec. Co. Office, 38 W. Evans St., Florence. (Consolidation of The Florence Elec. & Utility Co., Darlington Wtr. & Elec. Co. and Marion Wtr. & Elec. Co.) (In 1916, purchased property of Carolina Lumber & Pwr. Co.)
Pres. George E. Dargan.........Darlington
V. Pres. J. W. McCown..........Florence
Sec. & Treas. John F. Cahill.... "
*¶ Gen. Supt. F. G. Godfroy..... "
Ch. Engr. Pwr. Sta. E. Beddoes "

4 a. c. G. E. Allis-C. tot. 950 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys: a. c. day & nt. mo. cir. 220 v. s. & 2 ph. 60 cys; 600 hp. e.B. & W; 900 hp.b. Lom, W. & W., C.-H; 500 kw. stm. turb. G. E.

City cont. 80 incs. "C" 250 c. p. $38.80 per yr; 80 incs. "C" 80 c. p. $22 50 per yr 40 incs. "C" 60 c. p. $17.50 per yr; moonlt; coal $3.65. (Also lts. Darlington, Marion and Mullins.)
D L S 1 2 ✠ ★36

**FORT MILL,** 1,616—Fort Mill Elec. Co.; cost $5,000.
*Pres. & Treas. W. B. Meacham..Fort Mill
¶ V. Pres., Sec., Mgr. & Ch. Elecn.
S. L. Meacham...................."

Purchases energy from Southern Pwr. Co ; 2300-112 v. 3 ph. 60 cys; 3 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 135 v. 60 cys; a. c. mo. cir. 2300-135 v. s. & 3 ph. 60 cys.

City cont. 47 incs. 220 v. 10 cts. per kw.
D L 1 3 ✠ 125

**FOUNTAIN INN,** 979—Enoree Pwr. Co. See Wellford.
City cont. 25 arcs; all nt.
L 125

**GAFFNEY,** 4,767—Munic. Elec. Ltg. System; bds. $40,000.
*Chmn. Bd. J. N. Lipscomb.......Gaffney
Sec. T. W. Little.................. "
Treas. B. G. Clary................ "
Supt. L. V. Gaffney............... "

Purchases energy from South Carolina Lt., Pwr. & Rys. Co.; 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys.
150 Mazdas "C" series 6,6 amp. all nt.
D L 3 16

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Southern Pwr. Co. See Charlotte, N.C.

**GEORGETOWN,** 5,530—Georgetown Ry. & Lt. Co. (Controlling interest owned by International Gas & Elec. Co.); cap. $55,000; bds. $100,000.
Pres. C. Backman...............Phila, Pa.
*Sec. & Treas. J. T. Hayden "
¶ Mgr. Elmer. E. Case.......Georgetown
Engr. Pwr. Sta. E.C.Haselden "

3 a. c. G. E. tot. 420 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 700 hp. e. B. & W, Harrisbg, Ideal; 415 hp. b. Keller, Valk & Murdock.

City cont. 69 Tung. 200 & 100 c. p. $66 & $25 per yr; moonlt; coal $4.
D R S 1 23

**GLENDALE,** 1,000—South Carolina Lt. Pwr, & Rys. Co. See Spartanburg.

**GRANITEVILLE,** 1,792—Carolina Lt. & Pwr. Co. See Aiken.

**GREAT FALLS,** 250—Great Falls Pwr. Co. General office, 200 Fifth Ave., New York, N. Y. Pwr. stas. at Great Falls (32,000 hp.) & Rocky Creek (32,000 hp.) on Catawba River and at Ninety-nine Islands on Broad River (24,000 hp.—see Blacksburg); cap. ontstdg. $5,768,800 (prfd.), $5,768,800 (com.); no bds.
Pres. J. B. Duke..........New York, N.Y.
V. Pres. W. S. Lee.........Charlotte, N. C.
Sec. & Treas.
W. C. Parker............New York, N.Y.
Asst. Sec. E. C. Marshall..Charlotte, N. C.
Asst. Treas. W. H. Martin, Jr. " "
Supt. H. A. Tibbs...............Great Falls

Great Falls & Rocky Creek stas:—a. c. Westg. tot. 48,000 kw. 2300 v. 3 ph. 60 cys; 10 d. c. G. E, Westg. — kw. 250 v; trans. 100,000-44,000-11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-550 v. 3 ph. 60 cys; 22,500 kw. stm. turb. Westg; 3000 hp. e. (gas) Snow; 126,400 hp. wtr. wh. S. M. S, Hol, Allis-C. (Most of output sold to Southern Power Co.)
C D G N W 3 26

**GREENVILLE,** 15,741--Southern Public Utilities Co. For executive officers see Charlotte, N. C.
Local Supt. W. R. Brewton....Greenville

Energy from Greenville-Carolina Pwr. Co. 13,000-2250-440 v.— ph. 60 cys; 1 d.c. arc G. E. 110 lt; 1 a. c. Stan. 200 kw. 2100-107 v. 2 ph. 60 cys; a. c. day & pwr. cir. 110 v; 850 hp. e. Phila, H, F. & M; 600 hp. b. Coatesv. (Old stm. plant kept. as aux. only.)

City cont. 109 arcs 450 w. 6.6 amp. $75-$90 per yr; moonlt; coal.
D L S 2 124

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Greenville-Carolina Pwr. Co. (Gen. sta. on Saluda River near Greenville.) (Controlled by the Southern Public Utilities Co.); cap. $200,000; bds. $300,000.
¶Pres. Chas. I. Burkholder
Charlotte, N. C.
Sec. & Treas. E. C. Marshall " "
Mgr. & Supt. Jas. McCabe....Greenville

5 a. c. West. tot. 2600 kw. 13,200 v. 3 ph. 60 cys; 4300 hp. turb. Smith. (Co. sells energy in bulk to Southern Public Utilities Co. and cotton mills.)
T W 3 124

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Southern Power Co. For executive officers, see Charlotte, N. C.
Local Supt. W. V. Trollinger..Greenville

Aux. stm. plant & sub sta; 1 a. c. turbo-gen. West. 6000 kw. 2200 v. 3 ph. 60 cys; trans. 100,000, 10,000 & 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; 10,000 hp.b. Erie City; 6 transf. G. E. tot. 18,000 kw.
Coal $3.00.
D N S 3 ★26

**GREENWOOD,** 6,614—Munic. Wtr & Elec. Lt. Plant; bds. $57,358.70.
Mayor, J. A. Marshall, M. D..Greenwood
Commrs. { Chmn. A. F. McKissick "
J. S. Bailey.............. "
John Lyon, M. D..... "
*City Clerk & Treas.
W. G. Calhoun................ "
City Engr. J. W. Wells............ "
¶Supt. A. J. Sproles.............. "

1 a. c. Natl. 250 kw. 2300-100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v; 200 hp. e. H. F. & M; 200 hp. b. Cole; energy also from Southern Public Utilities Co., Anderson.

95 city arcs 6.6 amp; 61 city incs. 50 c. p; 60 4-lt. posts "White Way" free; moonlt.
D L S 3 ★125†

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Southern Pwr. Co. See Charlotte, N. C.

**GREER,** 1,673—Southern Public Utilities Co. See Charlotte, N. C.
Local Supt. J. E. Torrence..........Greer

Purchases energy from Southern Pwr. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 124

**HARTSVILLE,** 2,335—Hartsville Elec. Lt. & Wtr. Co.
*Mgr. J. J. Lawton..............Hartsville

1 a. c.—90 kw. 2200-104 v. 3 ph. 60 cys; a. c. day & nt. cir; 100 hp. e; 200 hp. b.
City cont. all nt; coal.
D L S 3 ✠ 16

**HONEA PATH,** 1,763—Munic. Water & Elec. Lt. Plant; cost $35,000,
Chmn. P. W. Sullivan.........Honea Path
*¶Mgr. & Ch. Engr.
J. A. Featherston.......... "
Engr. Pwr. Sta. R. K. Davis "

1 a. c. West. 75 kva. 2300 v. 3 ph. 60 cys; 1 arc. mch. West. 10 kw; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 550-220-110 v; 110 hp. e. Phoenix; 125 hp. b. Phoenix.

73 city incs. 80 c. p. $12.50 per yr; moonlt; coal $3.25.

L S 3 125

**JOHNSTON,** 943—Carolina Public Service Co.
*¶Mgr. & Cont. Agt.
F. M. Boyd.......................Johnston
Engr. Pwr. Sta. W. M. Burnett. "

1 a. c. G. E. 93 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys; 125 hp. e. Murray; 225 hp. b; also ice plant.

City cont. 26 series arcs 6.6 amp. $70 per yr; moonlt; coal $3.50.

D I L S 1 3 ✠ 16

**KERSHAW,** 682 — Kershaw Oil Mill Co.; cap. auth. & pd. in $35,000.
*Pres. J. T. Stevens..............Kershaw
V. Pres. Robt. B. Mackey..Heath Springs
¶Sec. & Mgr. Fred. E. Culmen..Kershaw
Ch. Elecn. D. A. Barfield......... "

1 d. c. G. E. 30 kw. 110 v; 1 a. c. G. E. 50 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 70 hp e. Valley; —— hp. b. Lombard.

City cont. 18 arcs 1200 c. p. $— per yr; 300 com. incs. 16 c.p. $6 per yr. 12.30 A.M; wood $1.75.

C L S 3 ✠ 78

**LAKE CITY,** 1,074—Commissioners of Public Works; bds. $7,500.
Pres. G. L. Sauls...............Lake City
*Sec. & Treas. Geo. L. Dickson. "
Engr. Pwr. Sta. J. A. Douglas. "

1 a. c. G. E. 2300 v. 3 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 110 v; 125 hp. e. Sknr; 135 hp. b. C. & H.

City cont. 67 arcs Cutter $28 per yr; all nt; coal $3.50

D L S 3 125

**LANCASTER,** 2,098—Lancaster Lt. & Pwr. Co; cap. outstg. $5,000.
Pres. Leroy Springs.............Lancaster
V. Pres. T. Y. Williams.. ...... "
*Sec. & Treas. W. C. Thompson "
¶Mgr. & Cont. Agt.
M. P. Johnson................ "
Engr. Pwr. Sta. A. F. Settlemeyer "

Buys energy from Southern Pwr. Co.; 2300 v. 3 ph. 60 cys; 3 transf. West. tot. 90 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 20 arcs G. E. magn. $62.50 per yr; 34 incs. Tung. $20.85 per yr; all nt.

D L 3 ✠ 125

**LAURENS,** 4,818 — Munic. Elec. Lt. Plant; bds. $30,000.
*Mayor, C. M. Babb...............Laurens
Clerk & Treas. C. W. Kitchens... "

Energy purchased from Reedy River Pwr. Co.; 2 a. c. Bull. tot. 200 kw. 2200-104 v. 3 ph. 60 cys; a.c. day cir. 2200 v; 250 hp. e. Ham, H. & T; 200h p. b. Lombard.

80 city arcs; 25 tung. 200 c. p; all nt; coal $3.20.

D L S 3 ✠ ★125

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Reedy River Pwr. Co.; cap. $50,000.
Pres. & Mgr. N. B. Deal ..........Laurens
*¶Supt. & Ch. Engr.
James F. Harney ................ "

3 a. c. C-W. tot. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day cir. 115-104 v; pwr. cir. 220 & 550 v; 1800 hp. turb. (wtr.) Smith; $50 per hp. per yr. (Co. also lts. Watts and sells energy to city.)

D L W 3 ★125

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Sullivan Pwr. Co.
¶ Pres. & Mgr. N. B. Deal........Laurens
*¶ Supt. & Ch. Engr. J. F. Harney "

1 a. c.— kw. Allis-C— v 3 ph. 60 cys; 500 hp. turb. (wtr.) Allis-C.

T W 3 ★125

**LEESVILLE,** 980—Brodie Lt. & Pwr. Co.; cap. $6,000; bds. $3,000.
Pres. C. P. Quattlebaum...........Conway
V. Pres. C. J. Brodie..............Leesville
*¶ Treas. & Supt. F. E. Brodie.. "

2 a. c. G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 25 lt; no day cir; 100 hp. e. Ham. Cor; 100 hp. b; 200 hp. turb. (wtr.) Smith.

City cont. moonlt.

L S W 3 ✠ 125

**LEXINGTON,** 709 -- Lexington Elec. Lt. & Power Co.; (hydro-elec. plant and stm. (aux.) at Lexington); cap. $10,000.
Pres. W. W. Barre..............Lexington
*¶Sec. Treas. Mgr. & Cont. Agt.
B. H. Barre ................. "

1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; 1 c. c. transf. 8 kw. West; a. c. nt. ltg. & mo. cir. 114 v.; 100 hp. e. Harrisburg; 100 hp. b. Ames; 75 hp. wtr. wh. Davis.

City cont. 80 incs. "C" 60 & 100 c. p. tot. $1500 per yr; all nt.

L W 3 ✠ 125

**MANNING,** 1,854 — Manning Elec. Lt. Plant; cap. auth. $17,000.
*Owner, W. S. Harvin.............Manning
Mgr. L. H. Harvin............... "
Supt. & Ch. Engr. C. A. Harvin "

1 a. c. G. E. 60 kw. 2300-110 v. s. ph. 60 cys; no day cir; 150 hp. e. Ledell.

City cont. 25 arcs $75 per yr; 1000 com. incs. 16 cts. per kw; moonlt. mdnt.

L S 1.................................. ✠ 127

**MARION,** 3,844—Carolina Central Elec. Co. For executive officers, see Florence.
Local Supt. I. B. Hughes...........Marion
Engr. Pwr. Sta. G. E. Lupo ........ "

3 a. c. G. E. tot. 325 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 425 hp. e. Atlas, Sknr; 380 hp. b. C. H, Marion.

City cont. 33 enc. arcs 6.6 amp. $69 per yr; 29 incs. 80 c. p. $25 per yr; all nt; coal $3.70.

D L S 3 ✠ 125

**McBEE,** 187--McBee Electric Co.
Pres. & Mgr. W. L. McCoy........McBee
V. Pres. Mrs. S. McCoy............ "
Sec. & Treas. J. D. Sexton ........ "

1 a. c. G. E.—v. 3 ph. 60 cys; a. c. nt. ltg. cir; Leffel wtr. wh.

City cont. all nt; (also lts. Bethune).

L W 3 ✠ §115

**MT. PLEASANT,** 1,346—Charleston-Isle of Palms Trac. Co. See Charleston.

**MULLINS,** 1,832—Carolina Central Elec. Co. See Marion.

City cont. 13 "C" incs. 400 c. p.; 22 incs. 80 c. p.

L 125

**NEWBERRY,** 5,028--Munic. Wtr. Wks. & Elec. Lt. Plant; cost $47,000; bds. outstg. $77,000, 6 p. c. int.
Comrs. { Chm. M. L. Spearman..Newberry
W. F. Ewart.......... "
H. W. Dominick ..... "
*Supt. H. W. Schumpert........ "
Engr. Pwr. Sta. J. O. Dunston . "

Purchases energy from Southern Pwr. Co; transmn. volt. 2200 v. 3 ph. 60 cys.; 3 a. c. G. E, Ft. W. tot. 325 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. & 3 ph.

30 cys; 360 hp. e. Cor, B. & W; 260 hp. b. Lombard (equip. held in reserve.)
162 city incs. "C" 100-250-400 c. p; moonlt.
D L S 1 3 125

**NORTH,** 561—The North Elec. Lt. & Pwr. Co.; cap. $3,000.
Pres. & Supt. L. K. Etheredge......North
V. Pres. J. M. Davis.................. "
*¶ Sec. Treas. & Mgr. W. M. Reed... "
1 a. c. W. E. 75 kw. 2300-115 v. 3 ph. 65 cys; a. c. day cir. 115 v; a. c. mo. cir. 110 v; 175 hp. turb. (wtr.) Sampson.
City cont. 3 arcs 1200 c. p. $330 per yr; 25 incs. 16 c. p; all nt.
D L W 3 25

**NORTH AUGUSTA,** 1,136—Augusta-Aiken Ry. & Elec. Corpn. See Augusta, Ga.

**ORANGEBURG,** 7,500—Munic. Elec. Lt. & Wtr. Plant; cost $75,000; bds. $30,000, 5 p. c. int.
Councilman, H. Von Ohsen ..Orangeburg
City Clk. & Treas.
T. O. S. Dibble............... "
*Supt. Jas. E. Salley........... "
4 a. c. G. E. Ridg. tot. 425 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 515 hp. e. Ridg. Harrisburg F. & M. Co; 300 hp. b. Lombard, Brnl.
3 city arcs A. B. 500 w; 2 Mazdas 1000 c. p; 9 Mazdas 600 c. p; 18 Mazdas 250 c. p; 49 Mazdas 100 c. p; 60 Mazdas (3-lt. clusters) 300 c. p; 22 Mazdas 60 c. p; 118 Mazdas "White Way" 60 c. p; moonlt; coal $3.30.
D L S 1 3 ✠ 125

**PICKENS,** 897—Ivy Wtr., Lt. & Pwr. Co.; cap. $8,000; no bds.
¶ Pres. & Mgr. A. M. Morris......Pickens
*Sec. & Treas. Miss E. Bright.... "
Ch. Engr. W. L. Crain............ "
1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; no day cir; 65 hp. e. Liddells; 45 hp. turb. (wtr.) Smith; 100 hp. b. Lombard.
City cont. 2 arcs West. $96 per yr; 12 ncs; moonlt; wood $1.75.
L S W 3 ★16

**ROCK HILL,** 7,216—Catawba Pwr. Co. Office Charlotte, N. C. (Pwr. sta. on Catawba River near Rock Hill.) (Controlled by Southern Pwr. Co.); cap. $200,000 (prfd.), $500,000 (com); bds. $634,000.
Pres. Dr. W. Gill Wylie,
28 W. 40 St., New York, N. Y.
V. Pres. W. S. Lee.......Charlotte, N. C.
Sec. & Treas. W. H. Martin, Jr.
Charlotte, N. C.
Gen. Mgr. C. I. Burkholder.
Charlotte, N. C.
Supt. R. S. Cannon...............Rock Hill
8 a. c. G. E. tot. 6600 kw. 13,000 v. 3 ph. 60 cys; a. c. day cir: a. c. pwr. cir. 11,500 v; 13,450 hp. turb. Holyoke.
City cont. 169 arcs $54 per yr; all nt; coal $3.65. (Energy also sold in bulk to city and to Southern Pwr. Co.)
D L W 3 26

Munic. Elec., Wtr., Lt. & Sewer Dept; bds. $235,000.
Comm. { Chmn. J. C. Hardin..Rock Hill
Dr. W. G. Stevens.... "
F. A. Dunlap.......... "
*¶ Mgr. J. G. Barnwett.......... "
Clerk & Treas. S. G. Moore..... "
Buys energy from Catawba Pwr. Co.; transf. West. tot. 525 kw; 3 rect. tot. 50 kw; a. c. day & nt. ltg. cir. 117 v; a. c. day & nt. mo. cir. 117 v. s. ph. 60 cys; 400 hp. e. Erie; 250 hp. b. Erie; stm. plant held in reserve.
88 city arcs magn. 4 amp. d. c. $50 per yr; 56 city incs. 60 c. p. $20 per yr; all nt.
D L S 1 3 ✠ 125

**ST. MATTHEWS,** 1,377—Munic. Elec. Lt. & Wtr. Plant; cost $25,000; bds. $20,000.
Comm. { Chm. T. H Dreher, St. Matthews
H. A. Raysor ...... "
T. A. Amaker........ "
Sec. & Treas. B. C. King.... "
*¶ Supt. Ch. Engr. & Elecn.
M. H. Banks.................. "
1 a. c. West. 50 kw. 2100 v. s. ph. 60 cys; no day cir; 75 hp. e. Sknr; 170 hp. b. Cole.
8 city arcs A. B. 550 w. $80 per yr; 80 city incs. 100 c. p. $30 per yr; mdnt; moonlt; wood $2; coal $3.50.
L S 1 ✠ 75

**SENECA,** 1,813—Munic. Elec. Lt. Plant; cost $13,000; cap. $25,000.
*Sec. W. F. Austin, (Chmn.)......Seneca
Treas. L. A. Edwards.............. "
Mgr. Chas. Floyd.................. "
Engr. Pwr. Sta. G. C. Ford........ "
1 a. c. West. 65 kw. 2200 v. 3 ph. 60 cys; no day cir; 100 hp. e. Harrisburg; 110 hp. b. Lombard.
19 city arcs West. 6.6 amp. $72 per yr; 23 Tung. 60 c. p. $24 per yr; moonlt; coal $3.30.
L S 3 57

Conneross Lt. & Pwr. Co. Address, Newry; cap. $100,000.
*Pres. & Treas.
Campbell Courtenay ..............Newry
V. Pres. L. A. Edwards.............Seneca
Sec. Chas. N. Gignilliat........... "
2 a. c. G. E. tot. 900 kw. 600 v. 3 ph. 40 cys.
L 3 125

**SPARTANBURG,** 17,517—South Carolina Lt., Pwr. & Rys. Co. (Wtr. pwr. plants at Gaston Shoals and Gaffney; steam plant at Spartanburg.)
Pres. P. G. Gossler
149 Broadway, New York, N.Y.
V. Pres. & Gen. Mgr.
F. H. Knox...................Spartanburg
Sec. F. B. Lasher,
149 Broadway, New York, N.Y.
Treas. H. S. Swift,
149 Broadway, New York, N.Y.
Audr. A. S. Jolly.............Spartanburg
*Supt. Ltg. Dept.
W. B. Aiken................ "
Elec. Engr. J. H. Axtell.... "
Engrs. Pwr. Sta. { Reid West....... "
H. A. Parshall.........Gaffney
Total equip: 5 a. c. G. E. tot. 7200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys: a. c. day & nt. mo. cir. 2300-550-440-220-110 v. 3 ph. 60 cys; 3,000 kw. turb. (stm.) G. E; 2400 hp. b. Bab. & W; 12,000 hp. wtr. wh. Smith; trans. 33,000 v. 3 ph. 60 cys.
City cont. 319 magn. arcs 4 amp. $55 per yr; 575 Mazdas 60, 100 & 200 w. 2 cts. per kw. hr; all nt; coal $2.95. (Co. also lts. Glendale, Woodruff, Blacksburg, Pacolet, and Cowpens and sells energy to Gaffney.)
D R S W 3 ✠ ★16

Southern Pwr. Co. See Charlotte, N. C.

**SUMMERVILLE,** 2,355—Summerville Ice, Lt. & Pwr. Co.; cap. $25,000; no bds.
*¶ Pres. Treas. & Mgr.
J. H. Heinsohn...............Summerville
Sec. Julius D. Koster..........Charleston
Supt. F. B. Krepps...........Summerville
Engr. Pwr. Sta. O. D. Skinner "
2 a. c. C. W, Allis-C. tot. 160 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. & 3 ph. 60 cys; 270 hp. e. York, C. W, Allis-C; 360 hp. b. York; also ice plant.
City cont. 200 Tung. 50 w. $14 per yr; moonlt. 2 A. M; coal $3.40.
D I L S 1 3 ✠ 125

**SUMTER,** 8,109—Sumter Ltg. Co. (Controlled by Municipal Service Co., Phila., Pa.); cap. $200,000; bds. $10,000 6 p. c. int.
Pres. C. L. Ayling..........Boston, Mass.
V. Pres. H. T. Hartman.......Phila. Pa.
¶2nd V. Pres., Mgr. & Cont. Agt.
E. H. Moses.......................Sumter
Sec. & Treas.
Joseph W. Swain, Jr.............Phila. Pa.
Engr. Pwr. Sta. A. W. Eargle......Sumter

3 a. c. G. E. tot. 962 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 625 hp. e. Bates, Bckye; 835 hp. b. Stir; 750 hp. stm. turb. E; also 42 ton ice plant (Carbondale, Columbus.)

City cont. 99 arcs G. E. 6.6 amp; 15 incs. 6.6 amp; all nt; coal $3.30.
D I L S 1,3 ✠ ★16

**TIMMONSVILLE,** 1,708 — Carolina Central Elec. Co. See Florence.

1 a. c. West. 75 kw. 3 ph. 60 cys; nt. ltg. & mo. cir; 100 hp. e. Nagle; 150 hp. b. C. & H.

City cont. 25 enc. West. arcs 6,6 amp. $90 per yr; 14 Mazdas 100 w. $30 per yr; all nt.; coal $3.25.
L S 3 ✠ ★36†

**UNION,** 5,623—Munic. Electric Lt. & Wtr. Wks.; bds. $90,000; cost $160,000.
*¶Mgr. & Cont. Agt.
R. A. Easterling....................Union
Ch. Engr. B. B. Meng.................. "
Engr. Pwr. Sta. B. B. Lancaster... "

3 a. c. G. E. tot. 600 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 575 hp. e. Greene, Har; 600 hp. b. Lombard.

100 city arcs G. E. 6.6 amp. 200 incs. "C" Mazdas 100 c. p; 455-lt. stds. "White Way" 160 c. p; all nt; coal $3.30. (Also lts. Monarch Mills.)
D L S 3 ✠ ★16

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Union Mfg. & Pwr. Co. Pwr. plant at Neal Shoals; cap. $800,000; bds. $340,000.
Pres. H. C. Fleitmann,
456 4th Ave., New York, N. Y.
Treas. Frank E. Whitman,
66 Leonard St., " "
*Audr. M. B. Summer ..............Union
¶ Mgr. O. F. Bennett,................ "
Supt. J. B. Foster....................... "
Engr. Pwr. Sta. F. G. McHugh...... "

4 a. c. G. E. tot. 5200 kw. 13.200 v. 3 ph. 40 cys; a. c. day cir. 575 v; 8000 hp. turb. Platt (wtr.) (Co supplies pwr. to Union and Buffalo Cotton Mills.)
T W 3 ★125

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Southern Pwr. Co. See Charlotte, N. C.

**VANCLUSE,** 580—Carolina Lt. & Pwr. Co. See Aiken.

City cont. 26 series tung. 6.6 amp. $36 per yr; moonlt; all nt.
L 23

**WALHALLA,** 1,595 — Walhalla Lt. & Pwr. Co. (Pwr. plant on Big Cane Creek, 4 miles from Walhalla): cap. outstg. $10,000; cost $16,000; no bds.
Owners { Pres. Dr. J. W. Bell....Walhalla
*Sec & Treas.
W. A. Strother..... "
Engr. Pwr. Sta. W. F. Hodge.., "

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir; 150 hp. turb. wtr. Davis. (Sells energy in bulk to city and lts. West Union.)
L W 3 125

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*Munic. Ltg. System.

Purchases energy from Walhalla Lt. & Pwr. Co.; 3 ph. 60 cys.

82 city Mazdas; all nt.
L 3 25

**WARE SHOALS**—Ware Shoals Mfg. Co.; cap. $1,300,000.
Pres. Benj. Riegel, 44 N. 2d St.,
Easton, Pa.
*Sec. R. S. Oliver............Ware Shoals
Treas. Benj. D. Riegel...New York, N. Y.
¶ Asst. Treas.
Jas. F. MacEnroe ........ Ware Shoals
Supt. W. C. Cobb .......... " "
Ch. Elecn. W. B. Guy....... " "

4 a. c. G. E, West. tot. 4000 kw. 2300-110 v. 3 ph. 40 cys; a. c. mo. cir. 2300 v. 3 ph. 40 cys; 4000 hp wtr. wh. Hol, Smith.

City cont. 140 arcs G.E. 550 w; 870 incs. 16 c. p; all nt.
D L W 3 16

**WELLFORD,** 370—Enoree Pwr. Co. Pwr. plant at Woodruff; cap. $100,000; bds. $90,000.
Pres. & Treas. A. B. Groce......Wellford
V. Pres. J. E. Groce............... "
*Sec. E. O. Groce.................. "

4 a. c. G. E, West. tot. 1100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106 v. 60 cys; a. c. mo. cir. 220-550 v. 3 ph. 60 cys; 250 hp. e; 300 hp. b; 1600 hp. turb. (wtr.) Smith; trans. 22,000 v. 3 ph. 60 cys.

City cont. 22 arcs magn. 4 amp: all nt. (Co. also lts. Fountain Inn and Simpsonville.)
D L S W 3 ✠ 16

**WILLIAMSTON,** 1,957—Belton Power Co. See Belton.

**WINNSBORO,** 1,754—Munic. Electric Lt. Plant; cost $20.000; bds. $10,000.
Chmn. Bd. of Public Wks.
J. E. McDonald..............Winnsboro
*Supt. & Engr. Pwr. Sta.
T. R. Ellison.................. "

Energy purchased from Parr Shoals Pwr. Co; 3 transf. tot. 75 kva: a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys; 1 a. c. G. E. 60 kw. 2300-110 v. s ph. 60 cys.

35 city arcs 450 w. (not in use); 100 series Tung. 50 w. tot. $1,200 per yr; moonlt. 1 A.M; coal $4.90.
D L 3 125

**WOODFORD,** 190—Woodford Ginnery & Lt. Co.; cap. $4,000.
Pres. S. B. Knotts..................North
V. Pres. G. W. Whitstone.......... "
*Sec. & Treas. John S. Ulmer. . Woodford
100 hp. turb. (wtr.).
L W 22

**WOODRUFF,** 1,880 — South Carolina Lt., Pwr. & Rys. Co. See Spartanburg.

**YORKVILLE,** 2,326—Munic. Elec. Lt., Pwr., Wtr. & Sewer Plant; cost $55,000; bds. $43.000.
*Supt. J. O. Wray..................Yorkville
Ch. Elecn. W. A. Stoll............ "

Energy purchased from Southern Pwr. Co.; 3 transf. G. E. tot. 300 kw: a. c. day & nt. ltg. cir. 110-120 v. 3 ph. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

28 city series arcs. 550 w; 75 series incs. 75 w; all nt.
D L 3 ✠ 125

## SOUTH DAKOTA.

**ABERDEEN,** 10,753—Aberdeen Lt. & Pwr. Co. (Controlled by Union Co. of Omaha, Nebr.)
Gen. Mgr. Willis Todd......Omaha, Neb.
Local Mgr W. C. Blanchard.....Aberdeen

2 a. c. Elec. Mch. tot. 850 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir. 2300-220 v; 1000 hp. e. Filer & Stowell; 750 hp. b. Stir.

City cont. 81 arcs 6.6 amp. all nt; 88 5-lt. posts (1 all nt., 4 11 P. M.): coal $4.50. (Also furnishes energy to Aberdeen St. Ry. Co.)
D L S 3 ✠ ★16

**ARLINGTON,** 791 — Munic. Elec. Lt. Plant.
¶ Mayor, S. L. Bunday..........Arlington
Aldermen
Al. Matdeson...... "
John Bonde........ "
J. W. Friess........ "
R. W. Levitt........ "
D. M. Aaron......... "
O. Peterson........ "
Clerk, B. F. Haas................ "
*Supt. & Engr. Pwr. Sta. R. W. Nash "

2 d. c. Tri, Ft. W. tot. 80 kw 220 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 60 hp. e. Minpl; 70 hp. b. Bros; 40 hp. e. (oil) Venn-Severin; 120 amp. hrs. stor. bat. National

City cont. 37 Mazdas 150 & 60 w. $12 per yr; moonlt. midnt; kerosene 7.3 cts; coal $5.

C D G L S ✠ 25

**ARMOUR,** 968—So. Dak. Lt. & Pwr. Co. (Successor to Interstate Power Co.)
Pres. W. H. Burtis........Decorah, Iowa
*V. Pres. & Mgr. J. F. Cameron..Armour
Sec. & Treas. R. T. Stewart..Chicago, Ill.

4 a. c. G. E., West. Wagner, tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 220 v. s. & 3 ph. 60 cys; 170 hp. e. (gas) Minpl; 170 hp. gas pro. Minpl; 450 hp. e. Busch-Diesel; transmn. volt. 33,000 v. s. ph. 60 cys.

City cont. midnt; coal $7.75 and distillate 6 cts. per gal. (Also lts. Wagner. Platte, Lake Andes, Scotland, Geddes and Parkston.

D G N 1 3 ★16

**BELLEFOURCHE,** 1,352 — Consolidated Pwr. & Lt. Co. of So. Dak. (Purchased Bellefourche Lt., Ht. & Pwr. Co.) See Deadwood.

a. c. day & nt. ltg. & mo. cir. 110 v. 3 ph. 60 cys; G. E. transf.

D L 3 ✠ 16

**BERESFORD,** 1,117—Beresford Elec. Lt. Plant; cap. auth. $10,000; no bds.
¶Owner & Mgr. Louis Wagner..Beresford
*Ch. Engr. & Elecn. William Wagner Beresford

2 a. c. Ft. W. tot. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. (mdnt.) ltg. cir. 110 v; a. c. day & nt. (mdnt.) mo. cir. 220 v. 3 ph. 60 cys; 175 hp. e. Mur; 300 hp. b. Murray.

City cont. 12 arcs A. B. 1200 c. p. $60 per yr; 24 Mazdas 32 c. p. $24 per yr; moonlt. midnt; coal $4.40.

D L S 3 ✠ 16

**BLUNT,** 566—Blunt Lt. & Pwr. Co.
Pres. J. F. Gunsalus..................Blunt
*Mgr. & Engr. Pwr. Sta. C. E. Gunsalus..................... "

1 d. c. Ft. W. 15 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 25 hp. e. gas Intrnl; 20 amp.-hr. stor. bat. U. S. Lt. 110 v.

City cont. 18 tung. 250 & 60 w. $60 & $18 per yr; 12.30 P. M. moonlt; kerosene 10 cts.

C D G L ✠ 16

**BOWDLE,** 671 — Bowdle Milling Co.; cap. $40,000.
Pres. & Mgr. E.E. Ring..........Bowdle
Sec. S. C. A. Ring................. "
*Ch. Engr. & Elecn. John Schlonur "

1 d. c. G. E. 1000 kw. 125 v; 130 hp. e. Allis C; 130 hp. b. Atlas.

City cont. 2 arcs 1200 c. p. $100 per yr; 27 incs. $24 per yr. moonlt; lignite.

C L S ✠ ★125†

**BRIDGEWATER,** 934 — Bridgewater Elec. Pwr. Co.; cap. stk. $10,000; no bds.
*Pres. & Cont. Agt. G. W. Laing Bridgewater
¶V. Pres. Mgr. & Ch. Engr. Pwr. Sta. Adam Weidenboch "
Sec. & Treas. T. J. Shonard.. "

2 a. c. West. G.E. tot. 60 kw. 2300 v. 3 ph. 60 cys; 66 hp. e. (oil) M. & W.

City cont. 3 arcs 400 w. free; 31 Tung. 100 w; moonlt. mdnt; crude oil 6 cts.

G L 3 ✠ 16

**BRITTON,** 901—Britton Milling Co.; cap. $40,000.
Pres. F. A. Stiles...................Britton
V. Pres. W. R. Hall................ "
Sec. C. E. Printup.................. "
Treas. T. G. Gronseth............. "
*¶ Mgr. F. J. Brown................. "
Gen. Supt. & Ch. Engr. B. A. Jacobs........................ "
Engr. Pwr. Sta. J. W. Larson.... "

1 a. c. Allis C, Bull. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 113-115 v; a. c. day & nt. mo. cir. 220 v; 120 hp. e. Allis C; 100 hp. b. C. & T.

City cont. 4 flam. arcs $85 per yr; 36 Mazdas 60 w. $9.72 per yr; moonlt; coal $4.55½.

D L S 3 16

**BROOKINGS,** 2,971—Munic. Lt., Ht. & Wtr. Plant; cost $32,000; no bds.
Mayor C. A. Johnson...........Brookings
Auditor G. H. Stoddart........ "
Treas. H. F. Haroldson.......... "
*¶ Supt. A. W. Morton........ "
Engr. Pwr. Sta. Nils Larson.... "

2 a. c. Stan, G. E. tot. 350 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 560 hp. e. L. & B, Erie, Ball; 500 hp. b. Murray; also stm. htg.

10 city clusters 400-w; 120 city Mazdas series 100 c. p; moonlt. all nt; coal $4.60.

D H L S 2 ✠ 16

**BRYANT,** 645 — Munic. Lt. & Pwr. Plant; bds. $16,000.
Treas. E. A. Ruden....................Bryant
¶Pur. Agt. E. K. Jenkins.......... "
Supt. & Engr. Pwr. Sta. J. Haberbier "
*Asst. Supt. E. H. Guse............ "

2 d. c. Elec. Mch, F. M. & Co. tot. 46 kw. 125 v; d. c. day & nt. ltg. cir. 115-120 v; 400 amp. hr. stor. bat. 110 v. Battery Co, Milw; 50 hp. e (oil) F. M. & Co; 25 hp. gas e. F. M. & Co.

40 city incs; moonlt; gasoline 18 cts. & kerosene 7½ cts. per gal.

C D G L ★16

**CANTON,** 2,103—Sioux Valley Pwr. Co. cap. $300,000.
Pres. G. G. Dokken..................Canton
V. Pres. P. S. Paulson.............. "
*¶Sec. Mgr. & Cont. Agt. C.H. Morgan "
Treas. G. J. Moen.................... "
Supt. C. A. Kutcher.................. "

2 a. c. Elec Mch. tot. 175 kw. 2200 v. 2 ph. 50 cys; 2 d.c. Elec. Mch. tot. 110 kw. 2300 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 180 hp. e. Ide; 80 hp. b. Wms, Springf.

City cont. 51 Mazdas 100 w. $33.60 per yr; moonlt. 1 A. M; coal $4.40. (Co. also lts. Fairview and Inwood, Ia.)

C D L S 2 3 ✠ 25

**CASTLEWOOD,** 594 — Castlewood Telep. Co; cap. $10,000.
Pres. W. N. Skinner ..........Castlewood
*V. Pres. H. H. Curtis........ "
¶ Sec., Treas. & Mgr. A. L. Curtis ................. "
Engr. Pwr. Sta. C. Ueltschi... "

2 d. c. G. E. Peerless, tot. 55 kw. 110-125 v. 160 amp. hr. stor. bat. Globe 110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day mo. cir. 110 v; 75 hp. e. (oil) Muncie, Power.

City cont. 17 incs. moonlt. 11 P. M; oil 3½-4½ cts. per gal.

C D G L 16

**CENTERVILLE,** 971—Centerville Milling Co.; cap. $32,000; no bds.
Pres. & Treas. P. J. Bowman..Centerville
V. Pres. C. E. Prentiss.........Vermillion

*¶ Sec. & Supt. J. R. McFarland, Centerville
1 a. c. Warren 60 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 104 v. 133 cys; 90 hp. e. Murray; 190 hp. b. Murray; 50 hp. turb. (wtr.) Lef.
City cont. 48 series incs. 32 c. p. $14.40 per yr; moonlt. mdnt; coal, $4.65.
L S W 1 ✣ 16

**CHAMBERLAIN,** 1,275—Chamberlain Gas Lt. & Pwr. Co.; cap. $50,000; bds. $12,500.
Pres. Peter B. Dirks..............Oacoma
V. Pres. W. L. Montgomery Sioux City, Iowa
*Sec. & Mgr. Guy Kelley....Chamberlain
Treas. Edw. B. Kelley....... "
2 a. c. Ft. W. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. 110 v. 60 cys; a. c. mo. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. (gas) M. & W.
(Co. also lts. Oacoma.)
D G L 1 3 ✣ 25

**COLEMAN,** 362 — Dakota Lt. & Pwr. Co. See Flandreau.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. ctr. 220 v. 3 ph. 60 cys.
D L 3 16

**CONDE,** 592—Conde Lt. & Pwr. Co; cap. outstg. $15 000.
*¶Sec., Treas. & Mgr.
Geo. H. Ehrler....................Conde
Ch. Engr. C. T. Chiles............. "
Day & nt. service.
City cont. 25 street lamps; moonlt; kerosene.
D G L ✣ §125

**CUSTER,** 662—Custer Elec. Lt., Ht. & Pwr. Co.; cap. $7,500; bds. $2,500.
Pres. Joseph Kubler...............Custer
V. Pres. T. V. Garlock............ "
Sec. & Treas. T. W. Delicate...... "
*Mgr. W. R. Jewell................ "
1 a.c. West. 50 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 2300 v. 3 ph. 60 cys; 150 hp. e. Ham, Cor; 250 hp. b. Stir.
City cont. 17 Tung. series 100 w. 80 c. p. $44 per yr; mdnt; wood $3.
L S 3 ✣ 16

**DALLAS,** 1,277—*B. H. Martin Elec. Lt. & Pwr. Co. (Pwr. plant owned by the Dallas Elec. Lt., Ht. & Pwr. Co.)
1 a. c. W. E. 37½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 110 hp. e (gas) F. M. & Co.
City cont. 32 arcs series 54 electroliers; all nt; distillate, 6 cts.
D G L 3 14

**DEADWOOD,** 3,653 — Consolidated Pwr. & Lt. Co. of So. Dak. (Has taken over Spearfish Elec. Lt. & Pwr. Co.); stm. plant at Pluma, wtr. pwr. plant at Spearfish; cap. auth. $1,000,000; bds. $1,000,000.
Pres. C. N. Mason
71 Broadway, New York, N. Y.
Sec. & Treas. M. M. Wheeler..Deadwood
*Gen. Mgr. Morgan M. Maghee "
Supt. Lee M. Boyer. .......... "
Engr. Pwr.Sta.W. W. Cassidy.. "
5 a. c. G. E. West. tot. 4500 kw. 11,000 & 440 v. 3 ph. 60 cys; trans. 26,000-11,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; 3500 kw. steam turb. G. E, Curtis; 3500 hp b. Bab. & W; 1000 hp. wtr. wh. Pelton; distilled wtr. & stm. sold to ice plant in Pluma.
City cont. 24 arcs a. c. series 6.6 amp. $120 per yr; 205 series tung. 100 w. $39 per yr; all nt; lignite. (Co. also lts. Lead, Terraville, Terry, Trojan, Spearfish and Bellefourche, and sells energy to local cos. in Whitewood and Sturgis.)
D L S W 3 ✣ 16

**DELL RAPIDS,** 1,538 — Consumers Pwr. Co. See St. Paul; pwr. plant, Baltic. (Will secure energy from Sioux Falls.)
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 70 cys; 100 hp. b. ——; 150 hp. wtr. wh. Leffel.
City cont. 7 Tung. $2.25 per mo; all nt. Coal $5 50.
D L W 3 ✣ ★125w

**DE SMET,** 1,063—Lake Preston Milling Co. See Lake Preston.

**EGAN,** 516—Dakota Lt. & Pwr. Co. See Flandreau.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 16

**ELKTON,** 742—Dakota Lt. & Pwr. Co. See Flandreau.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 16

**EUREKA,** 961—Eureka Lt. & Pwr. Co. (Owned by the Aberdeen Egineering Co.)
*Pres. & Mgr. G. A. McLaughlin. Aberdeen
Ch. Engr. Jack Kapp, Jr. ........Eureka
2 a. c. Warn., G. E. tot. 110 kw. 1100 v. s. ph 133 cys; no day cir; 143 hp. e. (oil) F. M. & Co.
City cont. 30 Mazdas 250 & 100 w. $70 & $18 per yr; Phila. moonlt.
G L 1 ✣ ★16

**FAULKTON,** 802—Faulkton Lt. & Pwr. Co.
*Mgr. Oscar Edwards...........Faulkton
(Will install 2 new units and establish 24-hr. service.)
L ★36E

**FLANDREAU,** 1,448—Dakota Lt. & Pwr. Co. (Successor to Flandreau Lt. & Pwr. Co.); cap. outstg. $50,000.
Pres. Chas. L. Pillsbury, Minneapolis, Minn.
V. Pres. & Mgr.
A. H. Bushman..............Flandreau
¶Sec. & Treas. A. H. Savage, St. Paul, Minn.
Audr. E. J. Clifford...... " "
3 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. e. (gas) Rath-J.
City cont. 70 Mazdas 80 & 200 c. p. $30 & $48 per yr. all nt; coal $6.60. (Also lts. Egan, Trent, Elkton and Colman.)
D G L 1 3 ✣ ★16

**FT. PIERRE,** 792—Ft. Pierre Elec. Lt. & Pwr. Co.
*Pres. & Mgr. W. R. Porter...Ft. Pierre
V. Pres. F. W. Lambert........ "
Sec. G. R. Porter................ "
1 a. c. West. 50 kva. 2300 v. 3 ph. 60 cys; no day cir; 45 hp. e. (oil) Elyria.
City cont. 39 incs. 4 amp. 150 to 200 w. tot. $1,450.80 per yr.
D G L 3 16

**GARRETSON,** 775—Munic. Lt. & Pwr. Plant; cost $10,300; cap. $10,000.
*Supt. J. W. McPherran.......Garretson
Ch. Engr. R. F. Gardner........ "
2 d. c. Tri. Ft. W. tot. 36 kw. 110-220 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. cir. 220 v; 55 hp. e. (gas) Bates, Muncie; stor. bat. 115-220 v. E. S. B.
45 city incs. mult. 100 w. $30 per yr; all nt; distillate, 5½ cts. (Contemplates changing system to a. c. 2300 v.)
C D G L ✣ 16

**GARY,** 477—Citizens' Elec. Co.; cap. $10,000.

Pres. A. M. Wentworth..............Gary
V. Pres. W. F. Gordon.............. "
¶Sec. & Treas. J. Palmer........... "
*Gen. Supt. & Ch. Engr. Hans Nordley "

1 d. c. Elec. Mch. 24 kw. 250 v; 160 amp. hr. stor. bat. U. S. Lt. 250 v; d. c. day & nt. ltg. cir. 225 v; 60 hp. e. (oil) F.M. & Co.

City cont. 25 Mazdas 40 w. $15 per yr; moonlt; oil $3.80 per bbl.

C D G L ✣ 75

**GEDDES**, 701—So. Dakota Lt. & Pwr. Co. See Armour.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 16

**GREGORY**, 1,142—Gregory Lt. & Pwr. Co.; cap. $25,000; no bds.
*Pres. Jacob Reuther..............Gregory
Treas. L. Q. Loyd................. "
Mgr. J. C. Langston............... "

1 a. c. Hawthorn 30 amp. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 100 hp. e. (oil) M & W.

City cont. 42 Tung. series 80 & 250 w. $24 per yr; midnt; oil 6½ cts.

D G L 3 123w

**GROTON**, 1,108—Groton Lt., Ht. & Pwr. Co.; cap. outstg. $25,000; bds. $12,000.
Pres. F. D. James..................Groton
V. Pres. O. H. Miller.............. "
Sec. E. E. Kvitrud................. "
Treas. W. B. Miller................ "
*¶Mgr. H. A. Raitz................. "
Engrs. Pwr. Sta. { O. C. Dent............. "
{ J. Peterson............ "

3 d. c. Natl. Ft. W, Sprague. tot. 175 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 100 hp. e. Chuse; 125 hp. b. R. & C.; 140 hp. e. (oil) Muncie, Weber.

City cont. 5 Mazdas $7.50 per yr; 52 Mazdas moonlt. mdnt; coal $6.05; oil 6.5 cts.

C D G L ✣ ★16

**HARTFORD**, 648—Hartford Lt. & Pwr. Co.; cap. outstg. $7,560; no bds.
Pres. E. C. Evans................Hartford
*¶Sec. & Mgr. O. J. Grousdahl.. "
Treas. I. C. Kingsbury............ "
Line Foreman, C. J. Davis......... "

1 a. c. G. E. 75 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 30 hp. e. (gas) Otto; 200 hp. gas pro. Munzel, Otto.

City cont. 53 tung. tot. $900 per yr; moonlt; coal $8.55. (Co. also lts. Humboldt.)

D G L 1 3 ✣ 25

**HAYTI**, 300—Hayti Lt. & Pwr. Co.
*Prop. Severn Abrahamson..........Hayti

— d. c. gen. — kw. 110 v; d. c. day & nt. ltg. cir; 35 hp. e. (gas) I. H. C.

City cont. 11 P. M. moonlt; kerosene oil.

C D G L ✣ 16

**HECLA**, 462—Munic. Ltg. Plant (City purchased property of R. D. Twaddle Elec. Lt. Plant.)
*Town Clk. Andrew Armour.......Hecla

1 d. c. F. M. & Co. 12½ kw. 110 v; 20 hp. e; 20 hp. b.

City cont. 10 tung. 40 w. $9 per yr; 11.15 P. M; coal $6.25.

C L S ✣ ★25E

**HENRY**, 441—Henry Lt. & Pwr. Co.
Pres. R. E. Hubbard...............Henry
V. Pres H. A. Sasse............... "
*¶Sec. Mgr. Cont. Agt. & Engr.
Pwr. Sta. Ernest Reincke.......... "
Treas. S. D. Boyd................. "

2 d. c. Mil. tot. 15 kw. 125 v; d. c. day & nt. ltg. cir. 60-120 v; 30 hp. (oil) e. Mil; 120 amp. hrs. stor. bat. 128 v. E. S. B.

City cont. 21 Mazdas 60 & 100 w. $27.80 per yr; mdnt; gasoline & kerosene.

C D G L ✣ 16

**HIGHMORE**, 1084 — Highmore Elec. Lt. & Pwr. Co; cap. $14,300.
*¶Pres., Treas. & Mgr.
O. V. Armstrong..............Highmore
V. Pres. F. H. Armstrong...... "
Sec. T. H. Cameron............Milwaukee

2 d. c. Ideal tot. 40 kw. 250 v; 160 amp. hr. stor. bat. U. S. Lt. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 80 hp. e. (oil) Venn Severin.

City cont. 40 incs. tot. $1200 per yr; moonlt. 12.30 P. M. and all nt; oil 5 cts.

C D G L ✣ 85

**HOT SPRINGS**, 3,000—Wtr., Lt. & Pwr. Co. Pwr. stas. at Hot Springs and Falls River Falls; cap. $300,000; bds. $150,000.
Pres. G. W. Wattles........Omaha, Neb.
V. Pres. W. A. Smith...... " "
Sec. & Treas. J. T. Hulquist " "
*Audr. & Cont. Agt.
H. W. Miller..................Hot Springs
Supt. J. F. Parks.............. "
Ch. Engr. Jno. Miller........ "

2 a. c. G. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; trans. volt. 6600 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v; 100 hp. e. Frost; 100 hp. b; 340 hp. wtr. wh. Leffel.

City cont. 63 street series 80 c.p. $12 per yr; coal $3.50.

D L S W 3 ✣ 75

**HOWARD**, 1,026—Miner County Milling & Ltg. Co.; cap. $35,000.
Pres. & Mgr. C. A. Laurson.......Howard
V. Pres. R. B. DeBolt.............. "
*Sec. W. S. Bradbury............... "
Treas. First National Bank...... "
Engr. Pwr. Sta. A. M. Lower.... "

1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. (19½ hrs.) ltg. cir. 110 v; a. c. day & nt. (19½ hrs.) mo. cir. 2200-220-110 v. s. & 3 ph. 60 cys; 90 hp. e. Sioux City; 175 hp. b. Bros; 5 hp. e. (gas) F. M. & Co.

City cont. 47 series incs. 5.5 amp. 60 c. p. $18 per yr; moonlt; mdnt; coal $6.10. (Co. also lts. Canova. City will purchase property.)

D G L S 1 3 ✣ 95w

**HURLEY**, 506—Hurley Lt. Co.
Pres. E. E. Berry....................Hurley
Sec. A. Nelson...................... "
Treas. F. Jackson................... "
*Mgr. Harold E. Dunn............... "

2 d. c. F. M. & Co. tot. 50 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 85 hp. e. (gas) I. H. C.

Kerosene 9.3 cts. per gal. (City will purchase plant.)

C D G L ✣ 16

**HURON**, 5,791—Huron Lt. & Pwr. Co.; cap. $150,000; bds. $129,000.
*Sec. & Treas. Coler Campbell.....Huron
¶ Mgr. Frederic D. Brown.......... "

2 a. c. Ft. W, tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a.c. mo. cir. 220-104 v. 3 ph. 60 cys; 450 hp. gas. pro. Mnpl; 500 hp. e. (gas) Munzel.

City cont. 50 magn. arcs 350 w. $85 per yr; 53 incs., clusters, $35 per yr; moonlt; coal $8.40.

D G L 3 ✣ 16

**IPSWICH**, 810—Ipswich Elec. Lt. & Pwr. Co.; cap. $25,000; no bds.
Pres. S. V. Arnold.................Ipswich
V. Pres. Geo. M. Engler........ "
Sec. & Treas. M. Plin Beebe..... "
*Supt. & Ch. Engr.
L. E. Gorman...................... "
Engr. Pwr. Sta. Walter Morris... "

1 a. c. E. M. Co. 40 kva. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c.

mo. cir. 220-110 v. s. & 2 ph. 60 cys; 65 hp. gas pro. Mnpl; 65 hp. e. (gas) Mnpl.
City cont. 28 Mazdas 100 w. $40 per yr; moonlt; coal $7.50.
G L 1 2 ✠ ★16

**IRENE,** 364—Elec. Lt. Plant.
*Owners, Jensen Bros. . . . . . . . . . . . . . . . Irene
d. c. day & nt. ltg. cir; 57 v. stor. bat. Milw; (gas) e. Milw.
City cont. 650 Tung; moonlt; gasoline.
C D G L ✠ 23

**IROQUOIS,** 578—Elec. Lt. Plant.
*Owners,
Messrs. Stoner & Jordan. . . . . . Iroquois
1 a. c. Westg. 30 kw. 1200 v. s. ph. 60 cys; a. c. nt. (mdnt.) ltg. cir. 110 v. 60 cys; a. c. nt. (mdnt.) mo. cir. 110 v. s. ph. 60 cys; 50 hp. e. Mur; 60 hp. b. Mur.
Coal.
L S 1 ✠ ★16

**LAKE ANDES,** 920—So. Dak. Lt. & Pwr. Co. See Armour.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
D L 1 16

**LAKE PRESTON,** 1,007—Lake Preston Milling Co.; cap. $30,000.
Pres. E. G. Ostroot. . . . . . . . . Lake Preston
*¶ Sec., Treas. & Mgr.
G. J. Ostroot. . . . . . . . . . . . . . . . "
Ch. Engr. G. E. Fergard. . . . "
2 a. c. Ft. W. West. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 240 hp. e. Minpls, Mur; 300 hp. b. Bros.
City cont. 98 incs. "C" moonlt; coal $5.25. (Also lts. Hetland, De Smet and Erwin.)
D L S 8 ✠ 75

**LANGFORD,** 463—C. B. Hersey Co. Elec. Plant.
*Owner & Mgr. C. B. Hersey. . . Langford
d. c. nt. ltg. cir. 110 v.
Moonlt; coal.
C L ✠ 23

**LEAD,** 8,392—Consolidated Pwr. & Lt. Co. of So. Dak. See Deadwood.

**LEMMON,** 1,255—Security Investment Co. (Lt. & Pwr. Dept.)
Pres. Mr. Kinney. . . . . . Bismark, No. Dak.
V. Pres. W. E. Briggs. . . . St. Paul, Minn.
*¶ Mgr. Elmer F. Sheets. . . . . . . . Lemmon
Ch. Engr. C. F. Shephard. . . . . . "
Engr. Pwr. Sta. W. H. Neucomer "
1 a. c. Pwr. Equip. 60 kva. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 80 hp. e. Sknr; 100 hp. b. Frost.
City cont. 26 Mazdas, 100 250-700 w. tot $100 per mo; moonlt; coal $2.70.
L S 3 ★16

**MADISON,** 3,137—Munic. Electric Lt. & Wtr. Plant; cost $45,000; bds. $46,000.
Mayor, Geo. H. Waskey. . . . . . . . Madison
¶ City Audr. Wm. Rae. . . . . . . . . . "
*Supt. Ed. Rafferty. . . . . . . . . . . . . "
Engr. Pwr. Sta. Aug. Shaldack "
2 a. c. Ft. W. tot. 200 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 2300-220 v; 300 hp. gas pro. Mnpl; 305 hp. e. (gas) Mnpl.
7 city arcs Ft. W. 5 amp. $96 per yr; 120 city series incs. 6.6 amp. $24 per yr; all nt; coal $7.50.
D G L 2 25

**MILBANK,** 2,015 — Milbank Lt. & Pwr. Co.
Pres. Oscar Claussen. . . . . St. Paul, Minn.
*Mgr. E. S. Schreiner. . . . . . . . . . . . Milbank
2 a. c. E. M. C. tot. 110 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 170 hp. e. (gas) Munzel.
D G L 2 ✠ 125

**MILLER,** 1,202—Munic. Lt. & Pwr. Plant; bds. $6,000; cost $10,000.
Mayor, S. Q. Ghrist. . . . . . . . . . . . . . . . Miller
Audr. T. O. Tiller. . . . . . . . . . . . . . . . . "
*Mgr. W. A McDowell. . . . . . . . . . . . . "
Engr. Pwr. Sta. Dewey Fintzil. . . . . . "
1 a. c. Allis C. 100 kw. 1150-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 95 hp. e. (gas) Alamo.
City cont. 25 Tung. 40 w. $18 per yr; 17 5-lt. posts, top lt. 60 w., bottom lts. 40 w. $36 per post per yr; moonlt; distillate 6 cts. per gal.
G L S 3 ✠ 25

**MITCHELL,** 6,515—Mitchell Pwr. Co. (Controlled and operated by The Lt. & Develop. Co. of St. Louis, Mo.); cap. outstg. $160,000; bds. $160,000.
Pres. Hugo Wurdack. . . . . St. Louis, Mo.
V. Pres. W. M. Smith. . . . . . . . . . Mitchell
Sec. T. J. Spangler. . . . . . . . . . . . "
Treas. Horace W. Beck. . . . St. Louis, Mo.
Mgr. E. J. Sherwood. . . . . . . . . . . . Mitchell
¶ Pur. Agt. The Lt. & Development Co.
St. Louis, Mo.
Engr. Pwr. St. John Balbridge. . Mitchell
3 a. c. G. E., Ft. W. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 400 hp. e. Ham, Cor; 750 hp. b. Heine, Lyons; 450 hp. e. (oil) Diesel.
City cont. 74 magn. arcs G. E. 325 w. $60 per yr; all nt; coal $4.75. (Will install 260 kva. gen. and 350 hp. Diesel eng.)
D G L 1 3 ✠ 36E

**MOBRIDGE,** 1,200 — The Mobridge Elec. Lt., Ht. & Pwr. Co.; cost $35,000.
*Owner Bert S. Hill. . . . . . . . . . . . . Mobridge
2 a. c. Ft. W, Elec. Equip. tot. 111 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220-110v; 170 hp. e. Ball, Skinr; 250 hp. b. Frmn, Racine. (Also stm. heating.)
City cont. 100 incs. type "C" 100 w. and 150 Mazdas 100 w. 10 cts. per kw. hr; all nt. & mdnt; coal $3.
D H L S 3 ✠ 16

**MT. VERNON,** 614—*C. B. Woodard; cap. $10,000; no bds.
Engr. Pwr. Sta. C. H. Nelson. . Mt. Vernon
1 d. c. West. 17 kw. 125-250 v; d. c. day & nt. ltg. & mo. cir. 112 v; 74 hp. e. (oil) I. H. C, M. & W; 80 amp. hr. stor. bat. E. S. B. 120 v. 10 amp.
City cont. 28 tung. 100 w. 15 cts. per kw. hr; 11 P.M; distillate 6 cts.
C D G L ✠ 16

**OLDHAM,** 355—Munic. Elec. Lt. Plant; bds. $5,000.
Bd. of Trustees.
Pres. of Council
F. A. Wohlheuter. . Oldham
Clerk, H. B. Moen. . . "
P. E. Peterson. . . . . . . "
John F. Becker. . . . . . "
*¶ Mgr. & Engr. Pwr. Sta.
C. G. Engstrom. . . . . . . . . . . . . . . . "
1 d. c. Globe 360 amp. 60 v; d. c. day & nt. ltg. & mo. cir. 57 v; 40 hp. e. (gas) Globe; 2000 amp. hr. stor. bat. 60 v. Natl.
75 city Mazdas 80 c. p. $6.40 per yr; moonlt; gasoline 12 cts. per gal.
C D G L 35

**ONIDA,** 319—Onida Elec. Lt. & Pwr. Co.; cap. $6,000; no bds.
*Pres. & Treas. J. H. Gropengieser. Onida
Sec. Mgr. & Engr. Pwr. Sta.
Fred. J. Gropengieser. . . . . . . . . . . "
2 d.c. Ft.W. tot. 42 kw. 220-110 v; no day cir; ltg. & mo. cir. 110 v; 71 hp. (gas) e. Otis.
City cont. 8 Tung; moonlt; gasoline 14.1 cts. per gal.
C G L ✠ 22

**PARKSTON**, 970—So. Dak. Lt & Pwr. Co. See Armour.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 16

**PIERRE**, 3,656—*Munic. Elec. Lt. & Wtr. Plant; cost $20,500.

1 arc W. E; 500 hp. e.

L S 30

**PLANKINTON**, 712--Elec. Lt. & Pwr. Plant.

Owner & Mgr. F. Marso ......Plankinton
*Engr. Pwr. Sta. T. Page..... “

1 a. c. Wagner 50 kva. 2300 v. 3 ph. 60 cys; a. c day (part) & nt. ltg. cir. 110 v: a. c. day (part) & nt. mo. cir. 220 v. 3 ph. 60 cys; 75 hp. e. (gas) I. H. C.

City cont. 60 incs. 100 w. tot. $150 per mo; kerosene.

D G L 3 ✠ §125

**PLATTE**, 1,115—So. Dak. Lt. & Pwr. Co. See Armour.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 ★16

**RAPID CITY**, 3,854—The Dakota Pwr. Co. (Steam and hydro-elec. plants in Rapid City and hydro-elec. plant at Big Bend); cap. stk. $1,000,000; bds. $491,000.

Pres. John C. Haines..........Rapid City
V. Pres. F. M. Stewart.......Buffalo Gap
*Sec. & Treas. Geo. B. Mansfield. Rapid City
Engr. Pwr. Sta. W. R. Cuckler “

6 a.c. Westg, G. E. tot. 2000 kw. 2300 v. 3 ph. 60 cys; trans. 24,000 v. 3 ph; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 400 kw. stm. turb. De Laval; 600 hp. b. Marine; 2550 wtr. wh. Smith.

City cont. 6 arcs series 500 w. $96 per yr; 90 series Tung. 50 w. $24 per yr; 415 Tung. 40 & 60 w. $6 per yr; all nt; coal $3.25. (Sell energy to Consolidated Pwr. & Lt. Co.)

D L S W 3 ✠ 25

**RAYMOND**, 241 — Raymond Elec. Lt. Plant; cost $6,200.

*Owner, A. A. Fokken..........Raymond

1 d. c. Tri. 15 kw. 110-220 v; d. c. nt. ltg. cir. 110 v; d. c. day (two half days each week) & nt. mo. cir. 110 v; 20 hp. e. (gas) I. H. C.

City cont. 14 Mazdas 100 & 300 w. tot. $40 per month; moonlt. & midnt; kerosene 9 cts.

C D G L ✠ 16

**REDFIELD**, 3,060 — Munic. Elec. Lt. Plant; cost $40,000; no bds.

*Mgr. L. W. Hase ...............Redfield
Ch. Engr. John Moriarty.......... “

2 a. c. West. tot. 175 kw. 2300 v. 2 ph. 60 cys; a.c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 200 hp. e. Twin City; 300 hp. b. Kew, Erie; stm. htg.

31 city arcs 7.5 amp.; 70 5-lt. ornamental standards; moonlt; coal $6.

D H L S 2 ✠ 35E

**SALEM**, 1,097—Salem Milling, Lt. & Htg. Co.; cap. issued $14,550.

*¶ Pres. Mgr. & Cont. Agt.
L. V. Schneider.......................Salem
V. Pres. H Nelson.................. “
Sec. & Treas. L. S. Tyler ............ “
Supt. & Engr. Pwr. Sta.
G. S. McNeil.......................... “

1 a. c. Ft. W. 75 kw. 1100-220 110 v. s. ph. 60 cys; 85 hp. e. Ideal; 175 hp. b. Frost.

City cont. 3 arcs 1200 c. p. $72 per yr.; 5 Tung. 250 w. $72 per yr; 26 Tung. 40-60 w. $15 per yr; mdnt; coal.

L S 1 ✠ 35E

**SCOTLAND**, 1,102—So. Dak. Lt. & Pwr. Co. See Armour.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

D L 1 16

**SIOUX FALLS**, 14,094 — Consumers Pwr. Co. (Purchased properties of Dell Rapids Lt. & Pwr. Co. and the Sioux Falls Lt. & Pwr. Co.) For executive officers, see St. Paul, Minn.

Mgr. N. C. Draper...........Sioux Falls
Audr. C. B. Blethen.......... “ “
Ch. Engr. Wm. Summers.... “ “

4 a. c. G. E. Allis-C. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G.E. tot. 350 kw. 500 v; a.c. day & nt. ltg. cir. 115 v; a.c. day & nt. mo. cir. 230 v.; d. c. mo. cir. 500 v; 2000 kw. stm. turb. G. E; 840 hp. b. Edge; 1500 kw. wtr. wh. Allis-C.

City cont. 132 arcs G. E. 6.6 amp. $32.50 per yr. moonlt; 156 lum. arcs 510 w. 3½ cts. per kw. hr. all nt; 13 tung. 100 w. $12 per yr. all nt; 44 tung. 250 w. $9 per yr. moonlt; coal $4. (Co. also lts. East & West Sioux Falls and sells energy in bulk to City of Sioux Falls. Erecting 9 mile trans. line to Dell Rapids.)

C D L S W 3 125w

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Munic. Elec. Lt. Plant; cost $115,000; no bds.

Mayor Geo. W. Burnside.....Sioux Falls
Comrs. } J. Munth.......... “
T. Hardiman...... “
Treas. J. Thovey............. “
Audr. Walter H. Leyse....... “
*Supt. P. O. Hanson......... “

2 a. c. Ft. W, West. tot. 165 kw. 2200 v. 2 & 3 ph. 60 cys; 12 rect. G. E. 6.6 amp; 3 arc Ft. W. 5.5 amp.; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt, mo. cir. 2300-440 220 v; 375 hp. e. Ideal, West; 800 hp. b. Kinney; also purchases energy from Consumers Pwr. Co.; 13 transf. G. E. Ft. W. tot. 312½ kw.

231 city arcs G. E. 1200 c. p. $32.50 per yr; 60 incs. West. 80 c.p. $12 per yr; all nt. & moonlt; coal $3.50.

D L S 2 3 55

**SISSETON**, 1,397—Sisseton Mill & Lt. Co., (Incorp.); cap. $31,700; no bds.

Pres. H. L. Cortelyou.............Sisseton
V. Pres. Andrew Marvick........ “
Sec. J. A. Rickert................ “
*¶ Treas. & Mgr. J. A. McKeever “
Engr. Pwr. Sta.
Peter Nedreberg............... “

1 d. c. Tri. 100 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 175 hp. e. Mnpl; 185 hp. b. Wms; 200 kw. hr. stor. bat. E. S. B.

City cont. 6 arcs 1200 c. p. $84 per yr; 88 incs. 32 c. p. $13.80 per yr; moonlt; coal $5.90

C D L S ✠ 75

**SPEARFISH**, 1,130—Consolidated Pwr. & Lt. Co. of So. Dak. For executive offices see Deadwood.

Local Mgr. J. E. Jones..........Spearfish

L ✠ 16

**SPRINGFIELD**, 675—Artesian Lt. Co.

Pres. J. L. Turner...............Springfield
*Sec. & Treas. J. W. Turner.. “

1 d. c. Card. 15 kw. 220 v. no day cir; 34 hp. e. F. M. & Co. (gasoline).

City cont. 25 incs. 32 c. p. $12 per yr; 11 P. M; oil. (Contemplates rebuilding and enlarging plant.)

C G L ✠ 16

**STURGIS**, 1,739—Sturgis Pwr. & Lt. Co.

*¶Mgr. & Cont. Agt. U. S. Allison. Sturgis

Energy purchased from Consolidated Pwr. & Lt. Co., Deadwood; a. c. day & nt. ltg. cir. 100 v. 60 cys; a. c. mo. cir. 200 v. 2 ph. 60 cys.

City cont. 56 tung. (clusters) 40 w. 11 P.

M.; 14 tung. 40 w. tot. $42 per mo. and 20 incs. 50 w. tot. $25 per mo. all nt.
D L 2 ✣ 16

**TORONTO,** 424—*H. P. Mortensen's Elec. Lt. Plant.
3 d. c. tot. 28 kw. 125 v; nt. ltg. cir.; d. c. day & nt. mo. cir; 26 hp. e. (gas) Otto.
City cont. 20 incs. 60 w. $12 per yr; 11 P. M.
C D G L ✣ 113

**TRENT,** 375—Dakota Lt. & Pwr. Co. See Flandreau.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
D L 3 16

**TRIPP,** 675—E. Mueller Elec. Lt. Co.
Owner & Mgr. E. Mueller..........Tripp
*Cont. Agt. & Engr. Pwr. Sta.
H. J. Wentz...................... "
Energy purchased from Interstate Elec. Mfg. Co.; 2 d.c. tot. 15 kw. 125 v; d.c. day & nt. ltg. & mo. cir. 120-125 v.; 120 amp. hrs. Stor. Bat. 120 v.
City cont. 28 Tung. 40 & 100 w. 15 cts. per kw; kerosene 10½ cts. per gal.
C D L ✣ 23

**TYNDALL,** 1,107—Munic. Lt. & Wtr. Plant; cost $32,000; bds. $16,000.
*Supt. C. E. Jones..............Tyndall
2 a. c. Elec. Mch. tot. 95 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 150 hp. e. (gas) Minpls; 200 hp. gas pro. Minpls.
83 city incs. series 100 w. $24 per yr; all nt; coal $7.35.
D G L 3 ✣ 25

**VERMILION,** 2,187—Munic. Elec. Ltg. & Pwr. Plant.
Mayor, C. E. Prentis...........Vermilion
Comrs. Geo. Harris.......... "
Comrs. J. A. Gunderson..... "
Comrs. J. Gilbertson ........ "
Comrs. Olai Hanson......... "
Audr. C. I. Vaughn............. "
*Gen. Supt. R. W. Nash........ "
Ch. Engr. Wm. Gremmels...... "
2 a. c. Ft. W. tot. 175 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v; 225 hp. e. Mur; 200 hp. b. Kew.
80 city Mazdas 100 w; coal $6.
D L S 3 ✣ 16

**VIBORG,** 410—Viborg Lt. Co.; cost $6,000.
*¶Owner, M. V. Olsen..............Viborg
Supt. & Ch. Engr. T. L. Nelson... "
3 d. c. F. M. & Co. tot. 30 kw. 110-25 v; d. c. day & nt. ltg. & mo. cir. 110 v; 40 hp. e. (gas) F. M. & Co. Otto; 200 amp.-hr. stor. bat. 110 v. E. S. B.
City cont. 13 tung. 60 w. $1.65 per mo. moonlt; kerosene 7 cts. per gal.
C D G L ✣ ★16

**VIENNA,** 453—Munic. Elec. Lt. Plant; cost $8,500; bds. $7,000.
Trustees. Chmn. J. E. Kelly.....Vienna
Trustees. Phil Mittan............ "
Trustees. J. M. Knadle ......... "
Clerk, L. M. Larsen................ "
Treas. J. Benj. Graslie............ "
*¶Supt. & Engr. Pwr. Sta.
Elmer Froke..................... "
2 d. c. G. E, F. M. & Co. tot. 22½ kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 36 hp. e. (gas) Otto; 400 amp. hr. stor. bat. 125 v. U.S.L.
City cont. 3 arcs A. B., 5.5 amp. 34 Tant. 80 w. tot. $75 per mo; 11 p.m; gasoline 14.9 to 18 cts.
C D G L ✣ 25

**WAGNER,** 964—So. Dak. Lt. & Pwr. Co. See Armour.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
D L 1 16

**WAKONDA,** 246—Wakonda Lt., Pwr. & Htg. Co; cap. $5,000; no bds.
Pres. F. A. Swezey..............Wakonda
V. Pres. Jas. Morrison.......... "
Sec. Sam Jacobson............. "
Treas. W. G. Wright............ "
*Mgr. & Line Foreman,
L. M. Hatch..................... "
1 d.c. West. 30 kw. 110 v; d.c. day & nt. ltg. & mo. cir; 50 hp. e. (gas) Alamo; storage bat. G. E.
City cont. 15 incs. $21 per yr; moonlt; distillate 4.5 cts.
C D G L ✣ 16

**WATERTOWN,** 9,500—Watertown Lt. & Pwr. Co. (Controlled by Ferris Bros. System.); cap. $300,000; bds. $170,500.
Pres. Robt. Ferris...............Yankton
V. Pres. W. J. Ferris.....La Crosse, Wis.
Sec. & Mgr. James W. Ferris
Watertown
Treas. Thos. Ferris.............Osage, Ia.
¶ Cont. Agt. & Gen. Supt.
Clement H. Bell ..............Watertown
*Ch. Engr. Pwr. Sta.
M. A. Stockman............. "
2 a. c. G. E. tot. 450 kw. 2200 v. 3 ph. 60 cys; 3 rect. G. E. 75 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 700 hp. e. Ham. T. C; 750 hp. b. Stir. Bab. & W.
City cont. 30 luminous magnetite arcs 510 w. $100 per yr; 205 incs. series 80 c. p. 6.6 amp $30 per yr; all nt; coal $4.
D L S 1 3 ✣ 16

**WAUBAY,** 803—Waubay Motor Sales Co.; cap. $25,000.
¶Pres. Mgr. Supt. & Engr. Pwr. Sta.
J. A. Hawkins.......Waubay
*Treas. S. T. Losell............. "
2 d. c. tot. 50 kw. 220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 55 hp. gas pro. Smith; 40 hp. e (oil) Muncie.
City cont. 35 incs. 250 & 60 w. $60 & $15 per yr; hours; coal, oil.
C D G L ✣ 74

**WEBSTER,** 1,713—Munic. Elec. Lt. Plant; cost $52,000; bds. $40,000.
Mayor, Frank Mohs...............Webster
Pres. Bd. F. W. Halbkat ........ "
*Sec. J. B. Egeland.............. "
Treas. A. T. Cooper.............. "
¶ Cont. Agt Supt. & Ch. Engr.
Pwr. Sta. Geo. E. Boyle........ "
4 d. c. Northn. tot. 200 kw. 125 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 250 hp. e. Murray; 250 hp. b. Bros.
8 city arcs encl. 6.6 amp; 116 city incs. 40 w; moonlt; coal $5.62.
C D L S 14

**WESSINGTON SPRINGS,** 1,093—Munic. Elec. Lt. Plant. (In Dec. 1914, City took over plant of R. A. Bushnell.)
Mayor W. J. Heberlain,
Wessington Springs
*Supt. Simon C. A. Ring " "
1 a. c. West. 50 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 65 hp. e. (gas) F. M. & Co; 100 hp. gas pro. Smith.
24 city incs; moonlt. all nt; coal $7.65.
G L 3 ✣ 75

**WHITE LAKE,** 366—White Lake Lt. & Pwr. Co.; cap. $10,000.
*Pres. J. C. Palmer............White Lake
Sec. & Supt. L. H. Snyder.... "
Treas. M. C. Palmer.......... "
1 d. c. F. M. & Co. 15 kw. 230 v; d. c. nt. ltg. cir. 115 v; d. c. mo. cir. 230 v; 25 hp. e. (gas) F. M. & Co.
City cont. 289 tung. 100 w. $18 per yr; moonlt; kerosene 8 cts. per gal.
C G L ✣ 23

**WHITEWOOD,** 390—Whitewood Lt. & Pwr. Co.

Pres. H. T. Cooper..............Whitewood
Sec. & Treas. Geo. Babington "
*Mgr. Nathan Brigham...... "

Energy purchased from Consol. Pwr. & Lt. Co. of So. Dak.

L X 75

**WILLOW LAKE,** 437—Elec. Lt. & Pwr. Plant; cost $9,000.
*Owner B. H. Le Mont......Willow Lake

2 d. c. Triumph, W. E, tot. 28 kw. 110 v; d. c. day & nt. mo. cir. 115 v; 46 hp. e. (gas) I. H. C.

City cont. 22 incs. 200 w. (5) and 100 w. (17). $50 per yr; mdnt; oil 10 cts. per gal.

C D G L ✣ §115

**WILMOT,** 427—Munic. Electric Lt. & Wtr. Wks.; cost $13,000.
Mayor, A. Minder..................Wilmot
Audr. Ralph Eastman............. "
*Supt. P. J. MacIntosh........... "

1 d. c. F. M. & Co., 30 kw. 220 v; d. c. nt. ltg. cir. 220 v; 50 hp. e. Erie City; 2 hp. e. (gas) Lauson; 75 hp. b. Erie City.

40 city Mazdas 60 c. p; midnt; coal $4.65.

C G L S 75

**WOONSOCKET,** 1,027—Schuler Elec. Co.; cap. outstg. $20,000.
*Pres. & Mgr. A. G. Schuler. Woonsocket

2 a. c. tot. 150 kw; 1 d. c. West 45 kw. 250 v; 1 synchro. mo. 50 kva; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 200 hp. e; 220 hp. b.

City cont. 51 incs. 60-100-250 w. 15 cts. per kw. hr; coal $4.90. (6600 v. trans. line to Forestburg, Artesian and Lane.)

C D L S ✣ 16

**YANKTON,** 3,787—Yankton Lt., Ht. & Pwr. Co. (Controlled by Ferris Bros. System); cap. $50,000; bds. $36,500.
Pres. S. G. Donaldson............Yankton
V. Pres. W. J. Ferris.....La Crosse, Wis.
*¶ Sec. & Mgr. Robt. Ferris.....Yankton
Engr. Pwr. Sta. Wm. Washburn. "

2 a. c. G. E. tot. 350 kw. 2300 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; 100 hp. e. S. C, Cor; 100 hp. b. Kewanee.

City cont. 40 arcs A. B. 6.6 amp. $95 per yr; moonlt. all nt; coal $2.40.

L S 1 3 ✣ 16

## TENNESSEE.

**ALGOOD,** 1,000—Algood Elec. Lt. Co. (Operates in connection with manufacturing plant); cap. $1,500; no bds.
Pres. T. J. Clark...................Algood
V. Pres. J. L. Epperson........... "
Sec. J. A. Epperson............... "
Treas. C. H. Rickman............. "
¶ Mgr. & Cont. Agt.
Oscar Clark...................... "

City cont. 600 to 700 Mazdas & carbon 0 & 60 w. 25 to 75 cts. per mo; 5 to 11 P. M. and 4 to 7 A M; wood and coal.

L S ✣ 125

**ATHENS,** 2,264—The Athens Lt. & Pwr. Co. (Owned by The Long Mfg. Co.); cap. outstg. $48,000: no bds.
Pres. & Mgr. T. J. Long..........Athens
ec. W. Z. Long ...................Troy, O.
reas. Fritz Long.....Mechanicsburg, O.

Energy purchased from Tenn. Pwr. Co.; a. c. C.-W. tot. 85 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 100 hp. e. Greenwald; 100 hp. b. W. & W; 0 hp. wtr. wh. Lef.

City cont. 140 mult. incs. 16 c. p; 11 P. M; moonlt; coal $2.00.

D L S W 3 ✣ ★125

**BELLBUCKLE,** 466—Bellbuckle Milling Co.
res. W. J. Davis...............Bellbuckle
Sec. & Mgr. B. G. White.... "
h. Elecn. Frank Richards.... "

2 d. c. G. E. tot. 70 kw. 220 v; no day cir; 100 hp. e. H, S. & G; 125 hp. b. W. & W.

City cont. 11 arcs 1200 c. p. $60 per yr; 500 com. incs. $6 per yr; mdnt; coal $2.

C L S ✣ ★125

**BELLS,** 753—Brooks Mfg. Co.
*¶ Mgr. Geo. B. Brooks..................Bells
Ch. Engr. & Elecn. A. McAllister.... "

1 a. c. West. 30 kw. 1100-110 v. s ph; no day cir; 45 hp. e. H. S. & G; 120 hp. b.

City cont. all nt; coal & wood.

L S 1 ✣ 23

**BINGHAMTON,** 1,678—(P. O. Sta. C, Memphis.)—Binghamton Lt. & Pwr. Co.; cap. $30,000; bds. $20,000.
Pres. S. M. Neely ................Memphis
V. Pres. J. A. Omberg, Jr........ "
Sec. F. W. Faxon................ "
Treas. W. M. Ball ............... "
*Mgr. W. M. Tucker ........ "
Engr. Pwr. Sta. Jno. Stanley..Binghamton

2 a. c. G. E. tot. 285 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir. 220 v; 350 hp. e. Ridgeway; 250 hp. b. C. & H.

City cont. 30 arcs mult. 6 amp. $85 per yr; 60 Mazdas mult. 60 w. $36; all nt; coal $1.45. (Co. also lts. Hiland Heights.)

D L S 3 16

**BLUFF CITY,** 540—Bluff City Elec. Lt. & Pwr. Co.; cap. outstg. $3,000.
Pres. M. R. Miller............. Bristol, Va.
*Sec., Treas. & Mgr.
R. W. Rush......................Bluff City

1 a. c. Bull. 60 kw. 2300 v. 3 ph. 30 cys; a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 240 v; 1 Leffel wtr. wh; also purchases energy from Bristol Gas & Elec. Co; 3 transf. Pitts. tot. 150 kva. 44,000-2300 v.

City cont. 32 incs. 60 c. p. $15 per yr.

D L W 3 ✣ 75

**BOLIVAR,** 1,070—Munic. Wtr. & Lt. Plant; cost $20,000.
Treas. J. L. Mitchell...............Bolivar
¶ Pur. Agt. J. V. Wright......... "
*Supt. & Engr. Pwr. Sta.
F. M. Smith....................... "

1 a. c. G. E. 60 kw. 2080–104 v. s. ph. 60 cys; no day cir; 120 hp. e. So. E. & B; 120 hp. b. So. E. & B.

55 city incs. 80 c. p. $35 per yr; moonlt. and dark hours; coal $3; wood $2.

L S 1 ✣ 16

**BRISTOL,** (Tenn.-Va.) 13,395—Bristol Gas & Elec. Co. Office, 615 State St., Bristol, Va. (Controlled by the Cities Service Co., and is operated by the Doherty Organization, New York, N. Y.) cap. auth. & outstdg. $300,000; bds. $425,000.
Pres. H. L. Doherty ... } 60 Wall St.,
V. Pres. H. H. Scott.... } New York, N.Y.
Sec. M. F. Steelman...........Bristol, Va.
¶ Treas. Mgr. & Ch. Engr.
S. M. Vance................ "
Cont. Agt. Ray E. Landers .... "
Gen. Supt. H. D. Hancock.... "
Engr. Pwr. Sta. W. M. Hoover "

2 a. c. West. tot. 600 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 600 kva. stm. turb. West; 850 hp. b. Heine. Also purchases energy from Wantauga Pwr. Co.; 3 transf. West. tot. 2400 kw; 1 rot. conv. West. 200 kw.

City cont. 28 a. c. series arcs 6.6 amp. $78 per yr; 229 series G. E. tung. 6.6 amp. $12 per yr; all nt. (Also lts. Bristol, Va.; sells in bulk to Bluff City Elec. Lt. & Pwr. Co.)

D L S 3 ✣ 16

**BROWNSVILLE,** 2,882 — Brownsville Cotton Oil & Ice Co. Cap. $100,000.

*¶ Pres. & Gen. Mgr.
Robt. N. Bond..............Brownsville
V. Pres. Geo. W. Lyle....... "
Sec. & Treas. J. O. Bomer... "
Supt. & Ch. Engr. Joe Page.. "

2 a. c. G. E. tot. 262 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 450 hp. e. Chuse; 410 hp. b; also 20-ton ice plant (York).

City cont. 100 incs. 6.6 amp. $1,800 per yr; moonlt; coal $2.10.

D I L S 3 ✣ ★16

**CHATTANOOGA**, 44,604 — Tennessee Railway Lt. & Pwr. Co. Office, Market Street. (Holding company and owns practically all of the common and preferred stocks of the Chattanooga Ry. & Lt. Co., common stock of the Nashville Ry. & Lt. Co., and capital stock of the Tennessee Pwr. Co. of Chattanooga.) (The constituent companies own and operate street railway, electric lighting and power systems of Chattanooga and Nashville, and the electric lighting and power systems in Cleveland and several small municipalities, all in Tennessee. In addition to the above, energy is also transmitted to Nashville and Knoxville, Tennessee and to the Tennessee-Georgia State Line for transmission to Rome and Dalton, Georgia.) Stk. (cum. pfrd.) $10,250,000; (com.) $20,000,000.

Pres. C. M. Clark.......Philadelphia, Pa.
V. Prests. Geo. E. Hardy New York, N. Y.
H. M. Byllesby..Chicago, Ill.
Frederic C. Walcott New York, N. Y.
Sec. & Treas.
G. L. Estabrook......Philadelphia, Pa.
Asst. Secs. & Asst. Treasrs. Wm. Lilley.....Phila., Pa.
Jacob Hekma New York, N. Y.
16

Chattanooga Ry. & Lt. Co. Office, 710 Market St. (Two generating stations in Chattanooga.) (Consol. Chattanooga Rys. Co. & Chattanooga Elec. Co.) (Owns entire capital stock of Lookout Mtn. Ry. Co which controls through ownership of securities, Lookout Incline Ry. Co.) (Controlled by the Tennessee Ry., Lt. & Pwr. Co. and under management of E. W. Clark & Co. Mgt. Corpn.); cap. $5,000,000; bds. $4,647,000.

Pres. C. M. Clark, 321 Chestnut St., Phila., Pa.
V. Prests. M. S. Hopkins..Columbus, O.
F. W. Hoover...Chattanooga
Sec. & Treas. G. L. Estabrook, 321 Chestnut St., Phila., Pa.
Asst. Sec. & Treas.
Wm. Bingham............Chattanooga
Sales Mgr. O. B. Agner..... "
¶Pur. Agt. W. A. Boyles.... "
Gen. Supt. E. D. Reed..... "
Supt. Lt. & Pwr. Dept.
Carl Rigdon .......... "
Supt. Ry. Dept. J. R. Anderson "
Supt. Ovhd. Distr. W. J. Hill.. "
Engr. Pwr. Sta. E. C. Williamson "

6 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 4 d. c. G. E. S-H. tot. 3000 kw. 600 v; a. c. day & nt. ltg. cir. 107 v; a. c. day & nt mo. cir. 440-220 v; d. c. mo. cir. 500-225 v; 4000 hp. e. —; 4000 kw. stm. turb. G. E; 6540 hp. b. Bab. & W., Heine; 435 amp. hr. stor. bat. 220 v. Plants held in reserve; purchases energy from Tennessee Pwr. Co.; 5 transf. G. E. tot. 7620 kw.

City cont. 112 "white way" lumn. arcs. 500 w. $45 per yr; 2190 hrs.; 500 to 600 incs. 250 c. p. $26.50, 100 c. p. $20 and 80 c. p. $19 per yr; 4000 hrs; coal $1.60. (Co. also lts. North Chattanooga, St. Elmo, Lookout Mtn., Rossville, East Lake, East Chattanooga, Mission Ridge and Ft. Oglethorpe, Ga.)

C D R S 3 ★125

Chattanooga & Tennessee Riv. Pwr. Co., office, James Bldg; cap. auth. $3,500,000; bds. auth. $3,500,000; 5 p. c. int. Pwr. plant at Hales Bar, 18 mi. from city.

Pres. R. H. Williams.........Chattanooga
Sec. Geo. B. Lancaster....... "
Treas. J. C. Brady............54 Wall St., New York, N. Y.
¶Gen. Mgr. & Cont. Agt.
J. C. Guild..................Chattanooga
Ch. Engr. John Bogart, 141 Broadway, New York, N. Y.
Consult. Engr. O. F. Whitchurst, Chattanooga
Supt. Pwr. Sta. F. MacLehose.....Guild

14 a. c. G. E. tot. 46,330 kw. 6600 v. 3 ph. 60 cys; trans. 44,000 v. 3 ph; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v; 42,000 hp. wtr. wheel Smith. (Lts. Chattanooga and sells in bulk to Tennessee Pwr. Co.)

D N W 3 ★115w

Tennessee Pwr. Co. Office, Hamilton National Bank Bldg., Chattanooga. (Acquired properties of Eastern Tennessee Pwr. Co., Cleveland Elec. Lt. Co., Great Falls Pwr. Co., Sweetwater Elec. Lt. Plant, Sparta Elec. Lt. & Pwr. Co., Sparta Wtr. Co. and A. & T. Power Co.) (Controlled by Tennessee Ry., Lt. & Pwr. Co.) (Owns and operates two hydro-elec. plants on the Ococe River, an undeveloped water power at Great Falls, at Junction of the Collins and Caney Fork Rivers near Rock Island and other undeveloped water powers on Ocoee River; cap. $20,000,000; bds. $7,500,000, 5 p. c. (Under management of E. W. Clark & Co. Mgt. Corpn.)

Pres. C. M. Clark 321 Chestnut St., Phila., Pa.
V. Prests. O. E. Osthoff....Chicago, Ill.
M. S. Hopkins 910 Wyandotte Bldg........Columbus, O.
F. C. Walcott..New York, N.Y.
G. E. Hardy.. " "
Sec. & Treas. G. L. Estabrook 321 Chestnut St., Phila., Pa.
Asst. Secrs. & Asst. Treasrs. William Lilley..Phila., Pa.
H. L. Clark..... " "
A. W. McCann. Chattanooga
*Gen. Mgr. F. W. Hoover.. "
Gen. Supt.
Richard Stites.................. "
Elec. Engr.
G. S. Nunemaker ............Cleveland
Engr. H. Crumbliss, Jr.......Chattanooga
Hydraulic Engr.
R. H. Anderson................Parksville

Plant No. 1: 5 a.c. West. tot. 18,750 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 320 kw. 110 v; 27,000 hp. turb. (wtr.) Smith.

Plant No. 2: 2 a. c. G. E. tot. 15,000 kw. 6600 v. 3 ph. 60 cys; Morris turbines.

Purchases energy (10,000 kw.) from Chattanooga & Tennessee River Pwr. Co.

Transmission lines (506.77 miles) owned radiate from the two developments on the Ocoee River to Cleveland, Chattanooga, Nashville and Knoxville, with an extension to Mascot where energy is furnished to the mines of the American Zinc Company; also to Maryville furnishing energy to the large plant of the Aluminum Co. of America; also to the Georgia-Tennessee State Line where energy is delivered to the Georgia Ry. & Pwr. Co. for distribution in Dalton and Rome, Georgia. Owns the distribution system at Cleveland, a small water-power (300 kw.) and electric distribution system and water works in Sparta, also the electric distribution system in Sweetwater, and supplies practically all of the energy for use in Nashville, Chattanooga and Knoxville, and the smaller towns of Lenoir City, Athens, Etowah and Murfreesboro.

C N S W 3 ★16

**CLARKSVILLE,** 8,548 — Kentucky Public Service Co. See Bowling Green, Ky.
Supt. L. Bloch.................Clarksville
Energy from Hopkinsville, Ky.; trans. 33,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 150 kva; a. c. day & nt. ltg. & mo. cir. 110-220 v.
City cont. 600, 250 & 100 c. p. Mazdas $65, $50 & $20 per yr; all nt.
D L 3 125

**CLEVELAND,** 5,549—Tennessee Pwr. Co. See Chattanooga.
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-440-220 v. 3 ph. 60 cys.
City cont. 154 tung. series 50 w. $18 per yr; all nt; coal $2.
D N S 3 16

**CLIFTON,** 711—Clifton Ice Co.; cap. auth. $20,000.
Pres. Gen. Mgr. & Supt. T. L. Kloss
Clifton
V. Pres. J. K. Barlow...........Savannah
*¶ Sec. Treas. & Cont. Agt.
T. S. Hughes.................... Clifton
1 d. c. G. E. 30 kw. 220 v; 100 hp. e. Atlas; 160 hp. b.; also ice plant.
City cont. 400 incs. $5 per yr; wood $1.75; coal $3.20.
C I L S 113

**CLINTON,** 1,090—Clinton Elec. Lt. & Pwr. Co.; cap. $10,000. (Co. being reorganized.)
Pres. & Treas. A. O. Dew.....Townsend
*Sec. & Mgr. H. G. Amerine......Clinton
Ch. Elecn. Olen Viles.............. "
1 d. c. G. E. 75 kw. 220 v; 75 hp. e. H. & T; 100 hp. b.
City cont. 11 arcs A. B. 3 amp. $50 per yr; 1 Mazda 40 w. $18 per yr; coal $1.65. (Changing system to a. c. 3 ph. 60 cys. 2300 v.)
C L S ✠ 75

**COAL CREEK,** 1,102—Coal Creek Elec. Lt. Co.; cap. $5,300; no bds.
*Receiver, M. H. Irwin........Coal Creek
Pres. & Treas. Dr. E. M. Beasley "
V. Pres. Chas. Lloyd.......... "
¶ Sec. & Gen. Mgr.
J. P. Stanton................. "
Engr. Pwr. Sta. J. Y. Tipton.. "
1 a.c. West. 35 kw. 1100-110 v. 2 ph. 60 cys; no day cir; 210 hp. e. Rus, West; 125 hp. b. Atlas; coal $1.25; (Co. also lts. Briceville.)
L S 2 ✠ 63w

**COLUMBIA,** 5,754 — Columbia Wtr. & Lt. Co.; cap. outstg. $100,000; bds. $175,000.
Pres. Chas. E. Bigelow
P. O. Box 500, New York, N.Y.
*¶ Sec. Cont. Agt. & Supt.
J. S. Robinson..................Columbia
Treas. T. E. Redman............ "
Ch. Engr. H B. Wantland...... "
Engr. Pwr. Sta. H. C. Wantland "
2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 450 hp. e. Erie, Ball, Cor; 400 hp. b.
City cont. 122 Mazdas G. E. 400 c. p. $55 per yr; 63 series incs. 100 c. p. $17.50 per yr; all nt; coal $2.25.
D L S 1 3 ✠ 125

**COOKEVILLE,** 1,848 — Munic. Lt. & Wtr. Plant.
*Supt. F. E. Collier...........Cookeville
Engr. Pwr. Sta. Chas. Foster.. "
Ch. Elecn. A. L. Brogden...... "
2 a.c. West. tot. 100 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. ph. 60 cys; 130 hp. e. McE; 100 hp. b. Atlas.
D L S 1 ✠ ★16

**COPPERHILL**—Home Lt. & Pwr. Co.; cap. outstdg. $9,700; bds. $10,000.
¶ Pres. M. C. King.............Copperhill
V. Pres. J. W. Gilliam......... "
Sec. & Treas. Boon Crawford.. "
*Supt. J. Y. McClure........... "
Engr. Pwr. Sta. John G. Mingus "
1 a. c. G. E. 75 kw. 4000 v. 3 ph. 60 cys; trans. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 150 hp. turb. (wtr.) Davis.
All nt. (Also lts. McCaysville, Ga.)
D L W 3 ✠ 25

**COVINGTON,** 2,990 — Munic. Electric Lt. Plant; cost $14,000.
Sec. & Treas. F. L. Bingler....Covington
*¶ Gen. Supt. John Craig...... "
Ch. Engr. Lou Henderson...... "
2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Rus, Mur; 460 hp. b. Shea.
122 city Tung. 40, 100 & 250 w; coal $2.25.
D L S 3 ✠ 25

**DAYTON,** 1,991—Rhea County Elec. Lt. Co. Office, Chattanooga.
*Pres. J. W. Adams.........Chattanooga
V.Pres.& Audr. C.O.Lindsay "
Sec. & Treas. G. B. Adams.. "
Gen. Mgr. M. R. Stern....... "
Local Mgr. T. W. Caudle.........Dayton
1 a.c. West. 110 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 168 hp. e. H. & O, Ham; 100 hp. b. Lookout.
City cont. 3 arcs 2000 c. p. $72 per yr; 49 incs. 32 c. p. $22.80 per yr; moonlt. mdnt; coal $1.55. (Co. also lts. Morgantown.)
D L S 3 ✠ 25

**DICKSON,** 1,850 — Munic. Electric Lt. Plant; cost $10,000; bds. $6,000.
*Mayor, C. M. Turner.............Dickson
Treas. J. S. Johnson........... "
Comm. { Dan Joslin............ "
Comm. { Eugene S. Payne...... "
1 a. c. West. 90 kw. 2200-104 v. 2 ph. 60 cys; no day cir; 140 hp. e. H. F. & M; 228 hp. b. Erie, Chattng.
City cont. 31 arcs $60 per yr.
L S 2 ✠ 84

**DYER,** 1,166—Dyer Fruit Box Mfg. Co.
Pres. H. D. Hayes.....................Dyer
*Sec. Treas. & Mgr. C. O. Ewell.... "
Engr. Pwr. Sta. Clyde Barkley...... "
2 a. c. G. E. tot. 125 kw. 480 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Erie, Chuse.
City cont. 80 incs. 16 c. p. $7.20 per yr; 11 P. M; waste and coal.
L S 3 125

**DYERSBURG,** 4,149 — Munic. Wtr. & Lt. Plant; cost $160,000; bds. $103,000.
Mayor, L. E. Carne.............Dyersburg
Recorder, W. O. Harrell....... "
*¶. Supt. S. R. Blakeman...... "
Engr. Pwr. Sta. J. R. Brown... "
2 a. c. G. E. tot. 435 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. 3 ph. 60 cys; 579 hp. e. Chuse; 600 hp. b. C. & H., W. & W.
160 city Mazdas 250 c. p. moonlt. all nt; coal $1.55.
D L S 3 ★16

**ELIZABETHTON,** 2,478 — Watauga Pwr. Co. Office, 615 State St., Bristol. Hydro-elec. plant at Wilbur. (Controlled by Cities Service Co. Operated by the Doherty Organization); cap. $300,000; bds. $300,000.
Pres. W. E. Hunter..........Elizabethton
V. Pres Frank W. Frueauff
60 Wall St., New York, N.Y.
Sec. & Treas. M. F. Steelman.....Bristol
Asst. Sec. E. E. McWhiney
60 Wall St., New York, N. Y.
Asst. Treas. T. A. Wallace
60 Wall St.. " "

¶Mgr. S. M. Vance................. Bristol
Engr. Pwr. Sta. W. F. Click
Elizabethton

2 a. c. West. tot. 1250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 3200 hp. turb. (wtr.) Smith.

City cont. 127 series incs. G. E. 6.6 amp. $15 per yr; all nt. (Lts. Elizabethton and sells energy in bulk to Bristol Gas & Elec. Co.)

D L W 3 ✠ ★16

**ETOWAH,** 1,685—Etowah Wtr. & Lt. Co.; cap. outstg. $50,000; bds. $50,500.
Pres. A. B. Bayless..................Etowah
V. Pres. T. E. H. McCroskey
Madisonville
Sec. & Audr. W. L. Walling..... Etowah
Treas. T. A. Aber.................. "
*¶ Mgr. & Cont. Agt. W. H. Price "
Engr. Pwr. Sta. J. W. Chapman.. "

Energy purchased from Tenn. Pwr. Co.; 3 transf. West. tot. 150 kw; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.

City cont. 50 inc. 4 amp. series 250 & 100 w; moonlt.

D L 3 ✠ 16

**FAYETTEVILLE,** 3,439—Fayetteville Elec. Lt. & Pwr. Co. (Operates 2 generating stations in Fayetteville.)
Pres. H. K. Bryson...........Fayetteville
V. Pres. Jas. A. Moores....... "
*Sec. & Treas. William Smith. "
¶Mgr. & Cont. Agt.
Walter J. Bunn............. "
Ch. Engr. & Engr. Pwr. Sta.
W. M. Hamilton............ "

3 a. c. G. E. tot. 350 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 250 hp. e. Allis-C, Ball; 300 hp. b. W. & W; 100 hp. wtr. wh. Lef; also 35-ton ice plant.

City cont. 4 arcs 2000 c. p; 72 incs. 50 c. p; all nt; coal $1.50.

D I L S W 1 3 ✠ 16

**FRANKLIN,** 2,924—Harpeth Elec. Lt. & Pwr. Office, Nashville. (Purchased property of Tennessee Pwr. Co.) (Under management of G. B. Howard & Co.)
*Pres. G. B. Howard
150 Fourth Ave., Nashville
Audr. S. O. Wright.. " "
Local Mgr. R. R. Keys..........Franklin

Energy purchased from Nashville Interurban Ry; 2 a. c. G. E. tot. 440 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v.

City cont. 105 incs; all nt.

E C D L 1 3 ✠ ★125

**GALLATIN,** 2,399—Munic. Wtr. & Lt. Plant; value $100,000.
Chrmn. Wtr. & Light. Comn.
W. H. Brown....................Gallatin
Treas. W. F. Brown.............. "
*Supt. H. Ormans, Sr............. "
Engrs. } J. T. Settle............. "
Pwr. Sta. } H. Reeder............. "

2 a. c. C. W. tot. 250 kw. 2300 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 250 hp. e. G. & R. Chuse; 275 hp. b. C. & H. Atlas.

100 city incs. series 4 amp. moonlt; coal

D L S 1 3 125

**GREENFIELD,** 1,516 — The Greenfield Elec. Lt. & Wtr. Plant; cost $12,000.
Owners, J. H. Coats & Co.....Greenfield
*Mgr. W. A. Coats............. "
Ch. Engr. John Betty......... "

1 a. c. G. E. 70 kw. 1040-104 v. s. ph. 125 cys; 1 d. c. Ft. W. 12 kw. 110 v; d. c. day cir; 90 hp. e. H. S. & G; 160 hp. b. W. & W.

Coal $2.15

C D L S 1 ✠ 125

**GREENVILLE,** 1,920—Tennessee Eastern Elec. Co. See Johnson City.

**HALLS,** 882—*Munic. Elec. Lt. Plant. (In January, 1914, City purchased property of Halls Lt., Wtr. & Ice Co.)

1 a. c. West. 75 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir. 110 v. 60 cys; 60 hp. e. Houston, S. & G; 125 hp. b. Shea; also 10-ton ice plant (Vogt).

City cont. 44 Tung. 60 w. $2.50 per mo.; mdnt. all nt; coal $2.25. (Also lts. Gates.)

I L S 1 ✠ 14w

**HARRIMAN,** 3,061 — Munic. Wtr. & Lt. Plant; bds. $40,000.
Pres. Bd. F. M. Rhodes........Harriman
V. Pres. B. P. Kurtz............ "
Treas. E. C. Roberts ........... "
*¶Mgr. R. C. Walzl.............. "
Audr. J. Gillreath.............. "

2 a. c. Ft. W, West. tot. 310 kw. 2200 & 2300 v. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2200 v. s. ph 60 cys; 275 hp. e. Imperial, Atlas; 400 hp. b. C. & H.

60 city arcs W. E. 5 cts. per kw; 300 Mazdas 100 w. 5 cts. per kw; moonlt. & all nt; coal $1.35.

D L S 1 2 3 ★16

**HENDERSON,** 1,087 — Munic. Lt. & Pwr. Plant. (City purchased property of Priestley-Loyd Lt. & Pwr. Co.)
Pres. & Mgr. C. W. Priestley..Henderson
V. Pres. J. H. Priestley.........Memphis
*¶ Sec. Treas. & Engr. Pwr. Sta.
P. R. Priestley.................Henderson

1 a. c. F. M. & Co. 55 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 80 hp. e. (oil) F. M. & Co.

City cont. 70 inc. 4 amp. series 32 & 80 c. p. $12 per yr: moonlt. 11 P. M. (5 A. M. to sunrise in winter); distillate 5 to 7 cts.

G L 1 3 ✠ ★16

**HENNING,** 582—Henning Lt. & Ice Co.
Pres. S. M. Roy....................Henning
V. Pres. J. D. Tarrant.......... "
*Sec. & Treas. J. W. Wilson..... "
Mgr. Jas. B. Alston............. "
Engr. Pwr. Sta. J. D. Colvin.... "

1 d. c. F. M. & Co. 220 v; no day cir; Shea b; also ice plant.

City cont. mdnt: coal.

C I L S 23

**HUMBOLDT,** 3,446 — Munic. Wtr. & Lt. Plant; bds. $60,000.
*¶ Sec., Mgr. & Cont. Agt.
W. M. Case, Humboldt
City Treas. A. R. Dodson ...... "
Engr. Pwr. Sta. A. L. Massman "

2 a. c. West. tot. 250 kw. 2200 v. 3. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 350 hp. e. St. Louis, Chuse; 500 hp. b. Sterling.

4 city Mazdas 250 c. p. and 100 Mazdas 60 c. p; moonlt; coal $1.55.

D L S 3 ★125

**HUNTINGDON,** 1,122—*Munic. Elec. Lt. & Wtr. Wks.: cost $25,000.
Mgr. & Engr. Pwr. Sta. John M. Dill.
Huntingdon

1 a. c. West. 90 kw. 1100-104 v. s. ph. 133 cys: 125 hp. e. Southern, E. & B; 175 hp. b. Hughes.

City cont. 22 Tung. 200 and 100 w; 35 series incs. 50 c. p; coal $2.

L S 1 ✠ 23

**JACKSON,** 15,779—Jackson Ry. & Lt. Co.; cap. outstg. $600,000; bds. $494,000.
Pres. Harry Weissinger....Louisville, Ky.
V. Pres. & Mgr. S. S. Bush.... "
Sec. & Treas. M. T. Caldwell.. "
Audr. M. L. Ross.................Jackson
*¶ Gen. Supt. John Wisdom..... "
Ch. Engr. R. A. Ford..........Rome, Ga.

Engr. Pwr. Sta. R. D Davy......Jackson

3 a. c. West. tot. 1600 kw. 2200-220-110 v. 3 ph. 60 cys; 2 d. c. West. tot. 500 kw. 550 v; a. c. day & nt. cir. 220-110 v; pwr. cir. 220-110 v; 1000 hp. turb. (stm.) West; 920 hp. b. Vogt.

Coal $2.20. (Co. also lts. Hicksville.)

C D R S 3 15

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Munic. Elec. Lt. & Water Wks.
*Sec. & Supt. H. M. Harris...... Jackson
Ch. Engr. W. W. Grimes......... "
Ch. Elecn. John R. Lawler....... "

2 d. c. arc G. E. tot. 340 lt; no day cir; 250 hp. e. H. O. & R, Ham; 400 hp. b. So. E. & B. Wks.

166 city series arcs 4 amps. 72 w; all nt; coal $2.

C L S 125

**JEFFERSON CITY**, 1,328—Jefferson City Milling & Elec. Co.; cap. $14,000.
Pres. M. C. Franklin.........Jefferson City
*Sec. & Treas.
C. A. Blackburn .......... " "
¶ Mgr. C. A. Bales.......... " "
Ch. Engr. W. A. Rhoton... " "

1 a. c. G. E. 125 kw. 2300-110 v. s. ph. 125 cys; no day cir; 250 hp. e. H. & T; 300 hp. b. Atlas.

City cont. 30 incs. 16 c. p. $6 per yr; moonlt; coal $1.75.

L S 1 ✠ 23

**JELLICO**, 1,862—Jellico Elec. Lt., Ht. & Pwr. Co.; cap. $12,000; bds. $8,000.
*¶Pres. & Mgr. W. S. Harkness ..Jellico
V. Pres. S. W McComb .......... "
Sec. & Treas. D. A. Harkness. ... "
Engr. Pwr. Sta. Jas. Cantrol...... "

2 a. c. West. tot. 320 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 450 hp. e. Erie, Sknr; 400 hp. b. W & W. Spgf.

City cont. 10 arcs $72 per yr; 100 incs. 50 w. $6 per yr; all nt; coal 90 cts.

D L S 1 ✠ 125

**JOHNSON CITY**, 8,502—Tennessee Eastern Elec. Co.
Pres. W. A. Leland......Charleston, S.C.
V. Pres. M. H. Merrill......Johnson City
Sec. H. W. Rodgers........Boston, Mass.
Treas. R. L. Warner....... " "
*¶Local Mgr. A. Smith..... Johnson City
Supt. G. C. Saunders ...... "
Engr. Pwr. Sta. C. A. Thomburg "

Hydro-Elec. Plant: 3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 2 d.c. G. E. tot. 250 kw. 600 v; 1 arc G. E. 75 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440-550 v; 650 hp. e. Allis-C; 900 hp. b. C. & Z, Bab. & W; 500 kw. stm. turb. G. E; 5000 hp. turb. (wtr.) Allis-C.

Coal $1.65. (Co. also lts. Jonesboro and Greenville.)

C D L S W 3 ✠ ★125

**KNOXVILLE**. 36,346—Knoxville Ry. & Lt. Co., 626 Gay St. (Consol. Knoxville Elec. Lt. & Pwr. Co. and Knoxville Trac. Co.) Controlled by American Cities Co.; cap. auth. $2,050,000; bds. auth. $4,010,000.
Pres. & Gen. Mgr. C. H. Harvey..Knoxville
V. Pres. W. S. Shields.......... "
Sec. & Treas. C. J. Pleming.... "
Andr. Geo. F. Cooper........... "
¶ Pur. Agt. J. E. Lebow......... "
Cont. Agt. W. R. Sammons.... "
Supt. Elec. Dept. Geo. H. Smart "
Ch. Engr. James Link........... "
Engr. Pwr. Sta. O. E. Collins.... "

5 a. c. G. E, Allis-C. tot. 6800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 800 kw. e. Ham, Cor; 6000 kw. stm. turb G. E Curtis, Allis-C; 3900 hp. Stir, Bab. & W; also purchases energy from Tennessee Pwr. Co.; 6 transf. Allis-C. tot. 6250 kw; 6 rotary conv. G. E, West. tot. 2950 kw.

City cont. 513 arcs A. B. 500 w. $72.50 per yr; 188 incs. 25 c. p. $22 per yr; all nt; coal $1.25. (Co. also lts. Park City, Oakwood, Mountain View and Lonsdale.)

D R S 3 125

**LA FOLLETTE**, 2,816 — La Follette Wtr., Lt. & Tel. Co.; cap. auth. $150,000.
Pres. Frederick A. Josse, Indianapolis, Ind.
*¶Sec., Treas. & Cont. Agt.
W. S. Bailey..................La Follette
Engr. Pwr. Sta. J. Moore..... "

1 a. c. Ft. w. 150 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 250 hp. e. Ham, Cor; 450 hp. b. Erie City.

City cont. 54 arcs Ft. W. 450 w. $75 per yr; 1400 incs. metered all nt; coal $1.35.

L S 3 ✠ ★16

**LAWRENCEBURG**, 1,687 — Munic. Wtr. & Lt. Plant: cost $75,000.
Sec. & Treas.
H. P. Stockard............Lawrenceburg
*Supt. E. P. Nixon......... "

1 a. c. Allis-C. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys. mo. cir. 300 hp. wtr. wh. Davis.

30 city arcs; all nt.

D L I W 3 ✠ 125

**LEBANON**, 3,659 — Munic. Elec. Lt. Plant.
Comm. { Chm. A. B. Martin.....Lebanon
F. C. Stratton......... "
Edward Graham...... "
*¶ Sec. Cont. Agt. & Supt.
S. J. Hathcock................. "
Treas. L. H. Walker............ "

Purchases energy from Lebanon Lt. & Pwr. Co. 14 transf. W. E, G. E, Duncan tot. 15 kw; 2 a. c. West. tot. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys.

91 arcs 100 & 200 c. p. 4 cts. per kwh. all nt.

D L 3 ★16

**LENOIR CITY**, 3,392—Lenoir Lt. & Pwr. Co. (Inc.); cap. $10,000.
Pres. T. C. Foster............Lenoir City
V. Pres. J. E. Foster......... "
*Sec. & Treas. J. R. Browder.. "
Gen. Mgr. H. C. Foster.... "
Engr. Pwr. Sta. S. P. Henry.. "

Energy purchased from Tennessee Pwr. Co.; trans. volt. 66,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 75 series incs. 6.6 amp. 32 c. p. $15 per yr; all nt.

D L 3 ✠ 74

**LEWISBURG**, 1,830—Lewisburg Lt. & Pwr. Co; cap. $10,000; bds. $3,500.
Pres. S. T. Hardison...........Lewisburg
V. Pres. & Supt. T. E. Arthur.. "
*¶ Sec. Treas. & Mgr.
J. B. Hardison.................. "

1 a. c. Ft. W. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. s. & 3 ph; 225 hp. e. H. F. & M, Ham; 275 hp. b. C. & H; also operates a 10-ton ice plant & stm. heating.

City cont. 140 Tung. 40 w. $12 per yr; moonlt; coal $2.10. (Co. also lts. Cornersville.)

D H I L S 1 3 ✠ 25

**LOUDON**, 995—Loudon Hosiery Mills; cap. $100,000.
*Pres. R. H. Bell..................Loudon
V. Pres. D. H. Williams.........Knoxville
Sec. Treas. & Mgr. C. H. Bacon..Loudon

Coal.

L 73

**McEWEN**, 661—McEwen Elec. Lt. Plant.
*Owner S. W. Taylor............McEwen

1 d. c. Northn. 60 kw. 220 v; 1 d. c.

arc Northn. 25 lt; d. c. day & nt. ltg. & mo. cir. 220 v; 70 hp. e. Southn; 125 hp. b. Erie.

City cont. 50 incs. $6 per yr; hrs; coal $2.85.

C D L S ✠ 125

**McKENZIE,** 1,322—Munic. Wtr. & Lt. Dept. Office, 101 Main St.; cost $40,000.
¶ Pur. Agt W. D. Hunter......McKenzie
*Gen. Supt. W. J. Kreider..... "

1 a.c. West. 75 kva. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v; 100 hp. b. C.-H.

City cont. moonlt; coal $2.30.

L S 3 15

**McMINNVILLE,** 2,299—*Munic. Wtr. & Elec. Lt. Plant; cap. $35,000; bds. $1,000.
Supt. Cloud W. Pearsall....McMinnville
Engr. Pwr. Sta. Geo. Greak.. "

2 a. c. G. E. tot. 150 kw. 110 v. s. ph. 125 cys; no day cir; 240 hp. e. Ridgway; 170 hp. b. W. & W.

28 Carbon & 40 Tung. Mult; dark nts.; coal $1.25.

L S 1 113

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Walling Lt. & Pwr. Co.; cap. $5,000; no bds.
*Pres. Jesse Walling..........McMinnville
¶ Treas. & Mgr. H. R. Walling.. "

2 a. c. G. E. tot. 325 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 12½ kw, 120 ex; a. c. day cir. 110 v; pwr. cir. 220-110 v; 395 hp. turb. Trump, Davis.

C D L W 3 ✠ 14

**MANCHESTER,** 963—Duck River Pwr. Co. For officers see Shelbyville.
Engr. Pwr. Sta. C. C. Jacobs..Manchester

1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 100 hp. wtr. wheel Smith.

City cont. 30 street Mazdas 4 amp. 100 w. $36 per yr; all nt; coal $2.10.

D L W 1 3 ✠ 75

**MARTIN,** 2,228—*Munic. Wtr. & Lt. Plant; bds. $25,000.
Treas. Peoples Bank...............Martin
¶ Mgr. & Cont. Agt.
L. A. Elliott.......................... "
Audrs. { G. McMillion.............. "
Audrs. { G. P. Hart.................... "
Ch. Engr. George Myrick............ "

3 d. c. West. tot. 225 kw. 250-125 v; d.c. day & nt. ltg. & mo. cir. 250-125 v; 370 hp. e. Am., Ball, Chuse; 310 hp. b. Southn, Bab. & W.

5 city arcs 5 amp; 125 city inc. 100 w; moonlt; coal $1.55.

C D L S ✠ 74

**MARYVILLE,** 2,381—Rockford Elec. Co. (Controlled by General Utilities & Optg. Co.); cap. outstg. $50,000; no bds.
Pres. J. C. M. Lucas......Baltimore, Md.
V. Pres. & Ch. Engr.
F. R. Weller........Washington, D. C.
Sec. & Treas. H. P. Lucas...Baltimore, Md.
¶ Mgr. J. L. Clark...............Maryville

2 a.c. Allis-C. tot. 275 kw. 2300-220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 220 v; 60 hp. e. Rus; 100 hp. b; purchases energy from Bays Mtn. Pwr. Co.

City cont. 5 arcs W. E. 1200 c. p. $60 per yr; 46 incs. 32 c. p. $16 per yr; all nt; coal.

D L S 3 16

**MEMPHIS,** 131,105—Memphis Consolidated Gas & Elec. Co., 12 So. 2nd. St.; cap. $4,000,000; bds. $7,013,000.
Pres. C. K. G. Billings...New York, N.Y.
1st V. Pres. T. E. Murray " "
2nd V. Pres. & Gen. Mgr. R. A. Speed
Memphis
Sec. J. F. Ramier.................. "
Treas. J. W. Clapp ............... "
¶ Pur. Agt. C. K. Chapin........ "
*Gen. Supt. & Ch. Engr.
C. K. Stieg........................ "
Supt. Pwr. Sta. G. S. Turner.... "
Engr. Pwr. Sta. L. E. Turner... "

5 a. c. Allis-C, G. E. tot. 11,500 kw. 2300 v. 3 ph. 60 cys; 2 mo. gen. G.E. tot. 800 kw. 500 v; a. c. day & nt. ltg. cir. 107 v. 60 cys; a. c. day & nt. mo. cir. 200 v. s. & 3 ph. 60 cys; d. c. mo. cir. 500 v; 11,500 hp. (stm.) turb. G. E, Allis-C; 7150 hp. b. Bab. & W.; sub-sta. cap. 6000 kwa.

City cont. 1200 arcs, a. c. encl. 7.5 amp; $75 per yr; all nt; slack $1.65. (Lts. Memphis and suburbs.)

C D L S 1 3 16†

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Merchants Power Co., 48 N. 2d St; cap. $2,000,000; bds. $1,000,000.
Pres. E. G. Cowdery
122 So. Michigan Ave., Chicago, Ill.
V. Pres. Wm. Maffit.......St. Louis, Mo.
*V. Pres. & Gen. Mgr.
L. G. Van Ness................Memphis
Sec. & Cont. Agt.
V. A. Henderson................. "
Treas. J. P. Norfleet ............... "
Supt. B. Stewart..................... "
Engr. Pwr. Sta. G. W. Highland "

4 a. c. West. tot. 5500 kw. 4000-2300-200-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 200 v. 3 ph. 60 cys; 2000 hp. e. Allis-C; 3000 hp. b. Edge; 4000 kw. stm. turb. West.

Coal.

D L S 3 ✠ 75

**MILAN,** 1,605—*Munic. Water & Lt. Plant; cap. $16,000; bds. $14,000, 6 p. c. int.
¶ Supt. S. D. Hutcherson ..........Milan
Engr. Pwr. Sta. R. J. Churchman.. "

1 d. c. West. 85 kw. 250 v; d. c. nt. ltg. cir. 220 v; 125 hp. e. Chuse; 160 hp. b. M. Zier.

100 Mazdas $1.44 per mo; moonlt; coal $2.

C L S ✠ 43

**MILLINGTON,** 554—Millington Lt. & Wtr. Wks. cap. $3,000.
Pres. W. C. Hill..................Millington
*Mgr. Chas. Hill ................ "

2 d. c. West. tot. 50 kw. 125 v; d. c. nt. ltg. cir. 110 v; 150 hp. e. C. & T; Harrisburg; 100 hp. b. Erie.

City cont. 200 Mazdas $6 per yr; all nt; wood.

C L S ✠ ★16

**MONTEREY,** 1,107—Monterey Elec. Co.; cost $7,000.
¶ Pres. J. T. Price..............Monterey
Sec. & Treas. E. A. Jones ...... "

1 a. c. G. E. 75 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 110-220 v. s. ph. 60 cys; 100 hp. e. Atlas; 125 hp. b. W. & W.

City cont. 50 series incs. 100 w. $12 per yr; all nt; refuse & coal $1.25.

L S 1 ✠ ★125

**MORRISTOWN,** 4,007—Munic. Water & Elec. Lt. Plant; cost $120,000.
Comrs. { Chmn. O. R. Carver..Morristown
Comrs. { *Sec. R. E. Smith.... "
Comrs. { John Carriger...... "
Supt. Jas. Mathes............. "
Asst. Supt. & Ch. Elecn.
W. H. Akers..................... "
Ch. Engr. Jno. Stephens...... "

2 a. c. G. E, tot. 450 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 600 hp. e. Ham, F. & S; 375 hp. b. Brnl, C. & H.

50 city arcs G. E. & W. E. 6.6 amp; 100 Mazdas 60 w; moonlt; coal $2.35.

D L S 3 74

**IT. PLEASANT,** 1,973—Mt. Pleasant Elec. Co. (In April 1913, leased for 8 yrs. to E. N. Cunningham, M. E.); cap. $15,000; bds. $3,000.
'res. John S. Frierson.......Mt. Pleasant
. Pres. F. S. Wheeler...... “
ec. Treas. & Mgr.
ohn Ruhm, Jr........... . “
¶ Cont. Agt., Supt. & Engr
Pwr. Sta. E. N. Cunningham “
Asst. { C. M. Jones ........ “
ngrs. } C. V. Scott.......... “

1 a. c. G. E. 90 kw. 2200 v. s. ph. 60 cys; . c. day & nt. ltg. cir. 110 v; a. c. day nt. mo. cir. 220 v; 120 hp. e. Mur; 00 hp. b. Adams.

City cont. 67 Mazdas 40 w. $24 per yr; oal $1.83.

D L S 1 ✢ 14

**IURFREESBORO,** 4,679 — Davis-Elam Gas & Elec. Co.
¶ Mgr. D. F. Elam, Jr.....Murfreesboro

2 a. c. G. E, Allis-C. tot. 250 kw. 2300-00-104 v. 3 ph. 60 cys; a. c. day & nt. g. cir. 104 v; a. c. mo. cir. 208-104 v; 188 p.e. McE; 200 hp. b. Casey & H; 350 hp. tr. wh. Lef; energy also from Tennessee 'wr. Co.

City cont. 92 arcs 6.6 amps. $64 per yr; oonlt; coal $2.25.

D L S W 3 ★16†

**ASHVILLE,** 110,364—Nashville Ry. & Lt. Co., 605 Church St. (Absorbed the Cumberland Elec. Lt. & Pwr. Co.) (Owns and operates all the elec. rys. and does the entire ltg. & pwr. business in Nashville.) (Controlled by the Tennessee Ry., Lt. & Pwr. Co.) Cap. outstg. $6,500,000; bds. $9,997,000.
res. C. M. Clark..............Phila., Pa.
st V. Pres. M. S. Hopkins..Columbus, O.
. Pres. & Gen. Mgr.
F. W. Hoover ....................Nashville
Sec. & Treas. H. C. Walters.. “
ont. Agt. Jas. E. Carnes....... “
Pur. Agt. J. M. Davidson.... “
en. Supt. B. C. Edgar......... “
upt. of Ltg. J. P. W. Brown... “
upt. Ry., H. A. Davis ........ “
upt. of Pwr. H. S. Badger.... “
ngr. Pwr. Sta. W. G. Cameron. “

1 d. c. G. E. 1600 kw. 575 v. 5 a. c. G. , tot. 16,750 kw. 2300 v. 3 ph. 60 cys: 3 ct. G. E, tot. 90 kw. 4 amp; trans. volt. 0,000-33,000-13,200 v. 3 ph. 60 cys; a. c. ay & nt. ltg. cir. 110 v; a. c. day & nt. o. cir. 2300-440-220 v. 3 ph. 60 cys; d. c. o. cir. 575 v; 4000 hp. e. Int. Pwr. Co; ,500 kw. steam turb. G. E; 11,050 hp. b. ab. & W; energy also from Tennessee wr. Co.

850 com. arcs 500 to 2000 c. p. 12 cts. per w; 50,000 com. incs. 11 cts. per kw; all t; coal $1.25. (Sells energy to Nashville terurban Ry. Co.)

C D R S 3 ★16

**EWBERN,** 1,602—Munic. Wtr., & Lt. Plant; cost $24,000.
upt. & Ch. Elecn.
J. H. Patterson ...................Newbern
h. Engr. J. R. Ellis................ “

2 d.c. Ridgway tot. 135 kw. 220 v; d.c. day nt. ltg. cir. 220 v; 210 hp. e. Ridgway; 5 hp. b. Shea.

115 city incs. 50 c. p; 19-5 lt. posts; oonlt; 1.30 A. M; coal $2.20.

C D L S ✢ 125

**EWPORT,** 2,003—Newport Mill Co.
'res. J. G. Allen....................Newport
. Pres. E. S. Early............... “
Sec., Treas., Mgr. & Cont. Agt.
A. E. Sparks...................... “

1 a. c. wtr. wh. set 150 kw. 3 ph.

City cont. 18 arcs, 6.6 amp. $60 per yr; incs. 32 c. p. $18 per yr; moonlt; all nt.

L W 3 14

**BION,** 1,293—Munic. Elec. Lt. Plant. cost $18,000; bds. $6,000.
Pres. A. Wilson.........................Obion
*Sec. & Treas. G. M. Steele.......... “
Mgr. L. G- Moffat...................... “
Ch. Engr. & Elecn. J. W. East..... “

1 a. c. Bull. 75 kw. 2300-110 v. 2 ph. 60 cys; day cir; 150 hp. e. Allis-C; 100 hp. b. Walsh.

18 city arcs 1600 c. p; moonlt; 11 P. M; coal $1.50; wood $1.60.

D L S 2 23

**OLIVER SPRINGS,** 573 — Oliver Springs Elec. Lt. & Pwr. Co.; cost $8,000.
Pres. W. H. Sienknecht....Oliver Springs
*¶ Mgr. Fred C. Sienknecht “

1 d. c. F. M. & Co. 60 kw. 250 v; d. c. nt. ltg. cir. 220 v; 100 hp. e. Erie City; 100 hp. b. Atlas.

City cont. 60 incs. $9 per yr; moonlt; coal 62½ cts.

C L S ✢ 125

**PARIS,** 5,000—Munic. Wtr. & Lt. Plant; cost $120,000; bds. $45,000.
*¶ Mgr. M. W. Younkin..............Paris
Ch. Engr. E. R. Lee.................... “

3 d. c. G. E., West. tot. 450 kw. 125-250 v; d. c. day & nt. ltg. cir. 120 v; d. c. mo. cir. 240-120 v; 750 hp. e. Ball, Erie, Ridg; 500 hp. b. Bab. & W, Stir.

18 city arcs A. B. 500 w; $60 per yr; 157 series tung. 75 w. $9 per yr; all nt; moonlt; coal $1.75.

C D L S ✢ 125

**PETROS,** 750 — Petros Elec. Lt. Co.; cap. $925.
*Pres. S. N. Joquer....................Petros
¶ Sec. Treas. & Mgr. W. H. Nelson. “

Energy purchased from Big Brusby Coal Co.

L ✢ 73

**PINEY FLATS,** 250--Wolfe Bros. & Co.
*Mgr. J. B. Wolfe............Piney Flats

2 d. c. Ky. Elec. Richmond, tot. 22 kw. 120 v; d. c. ltg. & mo. cir. 110 v; 100 hp. e. Southn. Bckye; 130 hp. b. Atlas Bckye.

C L S §125

**PULASKI,** 2,928 — Munic. Elec. Lt. & Pwr. Plant; cost $30,000.
Mayor, H. F. Wheeler...............Pulaski
*Supt. E. F. Cheatham........... “
Engr. Pwr. Sta. Pierce Hunter ... “

1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; no mo. cir; 150 hp. e. Chuse; 125 hp. b. W. & W.

150 city tung. 60-500 c. p; all nt; coal 8½ cts. per bu.

L S 3 ✢ 75

**RHEA SPRINGS,** 300—Rhea Springs Lt. & Pwr. Co; cap. $1,000.
*¶ Pres. Treas. & Mgr. Cont. Agt.
D. W. Hughes..............Rhea Springs
V. Pres. C. Wasson .......... “
Sec. C. T. Chadwick.......... “

Energy purchased from Spring City Munic. Lt. Plant; a. c. nt. ltg. cir. 110 v.

L X 25

**RIPLEY,** 2,011—Ripley Lt. Wtr. & Ice Co.; cap. $15,000; no bds; cost $20,000.
Pres. G. J. Hutcherson................Ripley
V. Pres. W. G. L. Rice............. “
Sec. & Treas. C. R. Barber......... “
*¶ Mgr. W. A. McCallum........... “
Engr. Pwr. Sta.
W. B. Alston.......................... “

1 a. c Stan. tot. 162 kw. 1100 v. 3 ph. 60 cys; 1 d. c. W. E. 12 kw. 220 v; a. c. nt. ltg. cir. 108 v. 60 cys; d. c. day ltg. cir. 220 v; 350 hp. e. Mur, Hamilton, St. Louis; 250 hp. b. H. S. & G; also 10-ton ice plant (Wolf).

City cont. 4 Mazdas 750 w. $75 per yr; 60 Gem incs. 100 w. $30 per yr; moonlt; coal $1.85.

C D I L S 3 ✢ 75

**ROCKWOOD,** 3,660—*Munic. Wtr. & Lt. Plant; cost $38,000; bds. $26,000.
¶ Supt. Frank Leeper..........Rockwood

1 a. c. G. E. 90 kw. 2200-104 v. s. ph. 60 cys; no day cir. 300 hp. e. A. & S., Chuse; 250 hp. b. W. & W.

44 city arcs 6.6 amps; 25 city incs; 11.30 P. M.; coal.

L S 1 ✣ 74

**ROGERSVILLE,** 1,242 — Rogersville Elec. Co.
*Owner, Albert Lyons.........Rogersville
Mgr. Vance G. Hale............. "
Engr. Pwr. Sta. Jos. H. Pusley "

2 a. c. G. E, Allis-C. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-440-220-110 v. s. & 3 ph. 60 cys; 140 hp. e. C. & T; 150 hp. b. W. & W; 200 hp. turb. (wtr.) Lef.

City cont. 75 Mazda 40 & 60 w. $9 per yr; all nt; coal $2.40.

D L S W 1 3 ✣ 23

**SHELBYVILLE,** 2,869 — Duck River Pwr. Co. (In Feb. 1915, taken over by Tennessee Valley Lt. & Pwr. Co. of Chattanooga.) (Pwr. stas. at Shelbyville, Duck River Mills and Manchester); cap. $100,000.
Pres. J. F. Boyd.................Shelbyville
V. Pres. D. D. Hix............. "
Sec. & Treas. J. E. Huffman.. "
¶ Mgr. A. F. Trimble.......... "
Engr. Pwr. Sta. J. Sexton..... "

Tot. equip: 4 a. c. G. E, West. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220 v. s. & 3 ph; 600 hp. e. Chase; 500 hp. wtr. wh. Smith Trump. Leffel; 500 hp. b. Atlas.

City cont. 50 arcs 2000 c. p. $54 per yr; 60 Mazda series 80 c. p. $36 per yr; all nt; coal $2. (Also lts. Manchester & Wartrace.)

D L S W 1 3 ✣ 35

**SOMERVILLE,** 1,387—Munic. Wtr. & Lt. Plant; cost $18,000.
*¶ Supt. E. A. Maddox.......Somerville
Ch. Elecn. Chas. Oliver....... "

2 a. c. T-H, Ft. W. tot. 85 kw. 1040-104 v. —ph. 125 cys; no day cir; 140 hp. e. Ridgway, Southern; 200 hp. b.

All nt; coal & wood.

L S X ✣ 75

**SO. FULTON,** 2,000 — Public Service Co. of Western Kentucky. See Fulton, Ky.

**SO. PITTSBURG,** 2,106—South Pittsburg Lt. & Pwr. Co.; cap. $10,000
*Pres. J. W. Adams.........Chattanooga
Sec. & Treas. G. B. Adams.. "
Mgr. M. R. Stern ............So. Pittsburg

1 a. c. F. M. & Co. 60 kw. 2300 v. 3 ph. 60 cys; no day cir; pwr. cir. 220 v; 136 hp. e. Harris; 100 hp. b. C. & H.

City cont. 50 Tung. 60 w; $36 per yr; moonlt; coal $1.45.

L S 3 ✣ 23

**SPARTA,** 1,409—Tennessee Pwr. Co. See Chattanooga.

**SPRINGFIELD,** 4,000—Munic. Wtr. Wks. & Elec. Lt. Plant; cap. $50,000; bds. $30,000.
*¶ Supt. G. B. Shawver........Springfield
Engr. Pwr. Sta. Walter Elliott. "

2 a. c. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G E. tot. 10 kw. 125 v; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v. s. & 3 ph; 400 hp. e. H, F. & M, McE; 280 hp. b. C. & H; also ice plant.

83 incs. 350-200-100 & 60 c. p; all nt; coal $2.10.

D I L S 1 3 ✣ 25

**SWEETWATER,** 1,850 — Tennessee Pwr. Co. See Chattanooga.

Trans. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 67 street Mazdas 50 w. $18 per yr.

D N 3 16

**TRENTON,** 2,402—Munic Elec. Lt. & Wtr. Works; cost $45,000.
*¶ Mgr., Cont. Agt. & Ch. Engr.
A. E. Cunningham................Trenton
Engrs. } A. P. Satterfield...... "
Pwr. Sta. } Will Cooper............ "

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir 110-220 v. s. 2 & 3 ph. 60 cys; 150 hp. e. Chuse; 180 hp. b. W. & W.

City cont. 125 incs. series 6.6 amp. 100 w. $18 per yr; moonlt. all nt; coal $2.30.

D L S 1 2 3 16

**TULLAHOMA,** 3,049—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $51,500; bds. $33,000.
*¶ Supt. Sam Shingleton .....Tullahoma

1 a. c. G. E. 150 kw. 2200 v. 3 ph. 60 cys; 1 G. E. arc 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 200 hp. e. Southn. 125 hp. b. W. & W; energy also from Stone Fort Pwr. Co.; 3 transf. G. E. tot. 150 kw.

3 city arcs G. E. 6.6 amp; 90 incs. 250 c. p. 6.6 amp; coal $2.

D L S 3 ✣ 85

**UNION CITY,** 4,389—Munic. Wtr. & Elec. Lt. Wks; cost $66,000; bds. $50,000
Mayor, T. R. Reynolds .......Union City
Clerk, Miss Edna Anderson.. "
*Supt. W. L. Alexander......... "
Ch. Engr. C. B. Allen.......... "
Ch. Elecn. J. B. Moss.......... "

2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a.c. day & pwr. cir. 2080-208-104 v; 215 hp. e. L. & B; 240 hp. b. Adams.

5 city arcs 1200 c. p; 130 city incs. 50 c. p; 195 "White Way" lts; coal $1.65.

D L S 3 ........ ✣ 25

**WAVERLY,** 947—Waverly Lt. & Wtr. Co.; cap. $5,000.
*Owner, A. W. Lucas............Waverly
Supt. W. B. Hillman.............. "

1 a. c. West. 45 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; 100 hp. e. Jackson; 150 hp. b. W. & W.

City cont. 10 arcs G. E. Mult. $90 per yr; moonlt; coal $2.50; wood $1.75.

D L S 1 ✣ 73

**WINCHESTER,** 1,351 — Stone Fort Pwr. Co. (Owned and controlled by the Public Lt. & Pwr. Co., Chattanooga.)

2 a. c. G. E, C-W. tot. 367½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 125 hp. e. Erie; 100 hp. b. Erie; 480 hp. turb. (wtr.) Trump.

25 city arcs; 1800 incs. 6 cts. per kw; pwr. 3 cts. per kw; moonlt; all nt. (Co. also serves Tullahoma and Decherd.)

D L S W 3 ★125†

## TEXAS.

**ABILENE,** 9,204—Abilene Gas & Elec. Co. (Owned by American Public Service Co.)
Pres. & Mgr. Geo. H. Caffrey....Abilene
V. Pres. A. V. Wainright.......... "
Sec. & Audr. R. D. Smith......... "
Treas. S. W. Baldwin......Orange, N. J.
Cont. Agt. J. G. Clarke...........Abilene
¶ Pur. Agt. H. G. Haynie........ "
Consltg. Engr. H. E. Mole
New York, N. Y.
Ch Engr. Pwr. Sta. T. M. Ford....Abilene

4 a. c. G. E. tot. 680 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c.

day & nt. mo. cir. 110-220 v; 225 hp. e. Rus; 300 hp. stm. turb. G. E.; 280 hp. b. Frick, York, Pond; 450 hp. e. (oil) Busch Diesel.

City cont. 108 tung. series 60 c. p. $18.30 per yr; all nt; distillate $1.40 per bbl; nat. gas 12½ cts. per M.

C D G L S 1 3 ✠ 25

**ALLEN,** 225—Texas Power & Lt. Co. (McKinney Dist.) See Dallas.

a. c. ltg. cir. 127 v. 25 cys; a. c. mo. cir. 220 v. 3 ph. 25 cys.

L 3 ★16

**ALPINE,** 1,200—Alpine Lt. & Ice Co.; cap. $20,000; no bds.

*Pres. Geo. C. Miller..........Marathon
V. Pres. J. D. Jackson..........Alpine
Sec., Treas. & Mgr. J. L. Crawford "
Ch. Engr. J. D. Hix .............. "
Engr. Pwr. Sta. W. W. Craig...... "

2 a. c. F. M. & Co. tot. 90 kw. 110 v. 3 ph. 60 cys; no day cir; 130 hp. e. (gas) F. M. & Co.

Solar oil 6 cts.

C G L ✠ 74

**ALVARADO,** 1,200—Texas Pwr. & Lt. Co. (Cleburne Dist.) See Dallas.

Sub-sta: 3 transf. tot. 300 kva. 60,000-2300 v.

City cont. 45 incs. 16 c. p. tot. $550 per yr; 12 P. M. & 5 A. M. to daylt.

L X ✠ 26

**AMARILLO,** 9,957—City Lt. & Wtr. Co. (Two gen. stas. in Amarillo.) (Controlled by Cities Service Co., 60 Wall St., New York City); cap. outstg. $100,000 prfd, $1,000,000 com; bds. $300,000.

Pres. H. L. Doherty........ 60 Wall St.,
V. Prests. F. W. Frueauff. New York,
T. I. Carter.... N. Y.
Sec. L. A. Ramsay..............Amarillo
Treas. Luther R. Warren, New York, N.Y.
¶ Gen. Mgr. Guy W. Faller......Amarillo
Cont. Agt. G. B. Buck........... "
Supt. Ovhd. Distrbn. F. P. Brein "
Engr. H. C. Hansen.............. "
Engr. Pwr. Sta. R. C. Shock..... "

4 a. c. Bull, G. E. West, Allis-C tot. 1310 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 325 kw. 575 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 600 kw. e. Allis-C, Mur, Ide, H. O. & R; 1300 hp. b. Springfield, Heine, Keeler; 750 kw. turb. (stm.) Allis-C.

City cont 30 Mazdas "C" 250 c. p. $60 per yr; 156 Mazdas "C" 80 c. p. $25 per yr; all nt; coal $3.35. (Energy supplied to Amarillo St. Ry. Co.)

C D L S 1 3 ✠ ★16

**ANNA,** 402—Texas Pwr. & Lt. Co. (McKinney Dist.) See Dallas.

a. c. day & nt. ltg. cir. 125 v. 25 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 25 cys.

D L I ★16

**ANSON,** 1,842—Anson Lt., Wtr. & Ice Co.; cost $35,000; cap. pd. in $19,000.

Pres. J. A. Harris...................Anson
Sec. J. W. Boynton................ "
*¶Mgr. A. W. Johnson.............. "
Engr. Pwr. Sta. Marcus Nelson.... "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 2300 v; 100 hp. e. Skinr; 150 hp. b. W. & W.

City cont. 32 Tung. 80 c. p. 100 w; all nt: coal.

L S 3 ✠ 16

**ARLINGTON,** 1,794—Northern Texas Elec. Co. (Owns the capital stock and participating mortgage bonds of Northern Texas Trac. Co., capital stock of Tarrant County Trac. Co. and capital stock of Arlington Lt. & Pwr. Co. These companies do the entire electric railway business in Ft. Worth, the electric light, power, ice and water business in Arlington and operate interurban electric railways between Ft. Worth and Dallas and between Ft. Worth and Cleburne); cap. outstg. $4,000,000 (pfd.), $3,150,000 (com.); bds. $3,264,000.

Pres. Marshall M. Phinney..Boston, Mass.
Sec. Chester M. Clark ........ " "
Treas. Henry B. Sawyer..... " "
Gen. Mgrs. Stone & Webster
Mgt. Assn.................. " "
Mgr. Optg. Cos. Geo. H. Clifford. Ft. Worth

★16

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Arlington Lt. & Pwr. Co. (Co. does light and power and ice and water business.) (Controlled by Northern Texas Elec. Co. which see for officers.)

Energy purchased from Northern Texas Trac. Co.

I L X ✠ 16

**ATHENS,** 2,261—Athens Elec. Lt. & Pwr. Co. Office, Corsicana. P. O. Box 158; cap. outstg. $20,000; no bds.

*¶Pres. & Mgr. J. W. Carpenter, Corsicana
V. Pres. J. F. Gilmore.............Athens
Sec. & Treas. F. N. Drane.....Corsicana
Audr. Harold E. Borton........ "
Engr. Pwr. Sta. John Carroll......Athens

2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 150 hp. e. Erie, Ball, Ide; 375 hp. b. Cole.

City cont. 25 Mazdas 60 c. p; lignite.

D L S 3 ✠ 16

**ATLANTA,** 1,604—*Atlanta Elec. Lt. Plant.

Owners: J. T. Chamblee..........Atlanta
¶ Mgr. & Ch. Engr.
H. P. Phipps............ "

1 a. c. G. E. 60 kw. 1150-110 v. s. ph. 125 cys; no day cir; 80 hp. e. Sknr; 200 hp. b. Atlas.

City cont. 7 arcs 1200 c. p.; 17 incs. 82 c. p.; 2 com. arcs 1200 c. p. $60 per yr; slack $2.15

L S 1 ✠ 79

**AUSTIN,** 45,763—Munic. Water Works, Elec. Lt. & Pwr. Plant.

*Mgr. E. C. Bartholomew..........Austin
Supt. W. L. Eyres.................. "
Engr Pwr. Sta. Walter Johnson.. "

6 a. c. G. E, Allis-C. tot. 2500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir; 1300 hp. e. Risdon, Allis-C; 1429 hp. b. Heine; 750 kw. stm. turb. Allis-C.

224 city arcs G. E. 6.6 amp; moonlt; lignite $1.28.

D L S 3 104

**BAIRD,** 1,710—Baird Lt. & Ice Co. (Control acquired by American Public Service Co.); cap. $20,000.

Pres. & Treas. P. A. Heeger
1107 No. Main St., Ft. Worth
V. Pres. E. K. Heeger .......... "
¶ Sec. & Mgr. E. M. Smith...........Baird
Engr. Pwr. Sta. T. J. Capers......... "

1 a. c. G. E. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 110 hp. e. Ideal; 150 hp. b. Brnl. (Operates 15-ton ice plant in connection.)

City cont. 35 Mazdas 60 w. $24 per yr; gas 12½ cts. per M.

D I L S 3 ✠ 65d

**BALLINGER,** 3,536—Ballinger Cotton Oil Co.

Pres. R. A. Hall..............San Angelo
V. Pres. Geo. J. Bird.......... "
*Sec. & Treas. J. Y. Pearce....Ballinger
¶ Mgr. Oscar Pearson........... "
Supt. & Engr. Pwr. Sta.
R. B. Creasy................. "

2 a.c. G. E. tot. 300 kw. 1150 v. 3 ph. 60 cys; 1 rect. G. E. 25 lts: a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 220 v.; 400 hp. e. Atlas; 600 hp. b. Atlas.

City cont. 6 enc. arcs 6.6 amps. $100 per yr; 34 tung. series 100 w. $30 per yr; all nt; oil $1.475 per bbl; coal $4.
D L S 3 ✢ 73

**BARTLETT,** 1,815—Texas Pwr. & Lt. Co. (Taylor Dist.) For executive officers, see Dallas.
Ch. Engr. R. F Copeland..........Bartlett
2 d. c. F. M. & Co. Bull. tot. 120 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; 90 hp. e. (gas) Tips.
City cont. 13 arcs 100 w; all nt; oil 4¼ cts.
C D L ✢ 26

**BASTROP,** 1,707—Bastrop Wtr., Lt. & Ice Co.; cap. $40,000.
Pres. & Mgr. W. B. Ransome....Bastrop
V. Pres. A. Greisenbeck.......... "
*Sec. & Treas. H. G. Greisenbeck "
Supt. J. E. Haines.............. "
2 a. c. G. E. tot. 125 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 220 hp. e. Sknr, York; 200 hp. b. Brnl.
City cont. 19 Mazdas series 1980 c. p. $1 per yr; 6 incs. 350 c. p. $5 per yr; all nt; lignite $1.65.
D L S 1 3 ★16

**BAY CITY,** 3,156—Texas Public Service Co. (Bay City Div.) For executive officers see Mt. Pleasant.
Local Mgr. Theo. Dienst.........Bay City
Engr. Pwr. Sta. S. B. Lewis..... "
2 a. c. Allis-C. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 325 hp. e. Vilter, Erie; 300 hp. b.; also 15-ton ice plant (Vilter).
City cont. — series Mazdas 6.6 amp; moonlt; oil $1.02½ per bbl.
D I L S 3 ✢ 16

**BEAUMONT,** 20,640—Eastern Texas Elec. Co. (Owns the securities of the Beaumont Elec. Lt. & Pwr. Co., Port Arthur Lt. & Pwr. Co., Port Arthur Ice & Refrigerating Co. Jefferson County Trac. Co. and $300,000 bds. of Beaumont Trac. Co. which do the entire electric lighting and power business in Beaumont, the entire electric lighting and power business and an ice manufacturing and refrigerating business in Port Arthur, the entire elec. ry. business in Beaumont, and operate an interurban elec. ry. between Beaumont and Port Arthur, a distance of 20 miles.) (Total gen. cap. 5700 kw.); cap. outstg. $1,400,000 (pfd.); $1,400,000 (com.); bds. $1,040,000.
Pres. M. M. Phinney.......Boston, Mass.
Sec. Chester M. Clark...... "
Treas. H. B. Sawyer....... "
Gen. Mgrs. Stone & Webster
Mgt. Assn................. "
Mgr. C. W. Kellogg, Jr..............Dallas
¶ Pur. Agt. Geo. H. Giddens...Beaumont
Mgr. Oper. Cos. E. J. Emerson "
Coml. Agt. J. W. Thorne...... "
Ch. Engr. W. H. Allison...... "
2 a. c. West. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 5 d. c. West, Tri, G. E. tot. 800 kw. 250-125 v. 3 wire; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. s. & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 250-120 v; 1200 kw. stm. turb. West; 450 hp. e. (gas) Diesel; 1600 hp. b. Stir; also 190 ton ice plant (Hercules, Wolf.)
City cont. 150 arcs a. c. series 450 w. $70 per yr; all nt; oil 95 cts.
C D G I L S 1 3 ✢ ★26

**BEEVILLE,** 3,269 — Texas Southern Elec. Co. (Successor to Cuero Lt. & Pwr. Co.) For executive officers, see Victoria.
Div. Mgr. F. C. Greer.............Beeville
Engr. Pwr. Sta. F. H. Buckholz "
2 a. c. tot. 120 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 300 hp. e. Brnl, Callahan; 300 hp. b. Atlas; also 15-20 ton ice plant (Wolf).
City cont. 30 tung. 60 w. $18 per yr; coal $2.50.
D I L S 1 ✢ 25

**BELLAIRE,** 50—Gem Elec. Co.
*Owners, C. S. & L. A. Anderson. Bellaire
Energy purchased from Houston Ltg. & Pwr. Co.
L §26†

**BELLEVILLE,** 1,500—Belleville Promoting Co.; cap. $30,000.
*Pres. C. F. Helmuth............Belleville
V. Pres. H. Miller............... "
Sec. Treas. & Mgr. H. E. Brown "
2 a. c. Ft. W. tot. 100 kva. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys; 160 kva. e. Ide; 250 hp. b. Brnl; also creamery and 15-ton ice plant.
City cont. 10 Mazda series 8 cts. per kw; moonlt; coal.
D I L S 3 ✢ 28

**BELTON,** 4,000—Texas Pwr. & Lt. Co. (Temple Dist.) See Dallas.
Sub-Sta; 3 transf. tot. 150 kw; trans. volt. 6600-2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.
City cont. 4 arcs; 80 incs. 100 w; all nt; coal.
D L 1 ✢ 26

**BIG SPRING,** 4,102—West Texas Elec. Co. See Sweetwater.
5 a. c. Ft. W, G. E, W. E, Morse, tot. 472 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 220 hp. e. Murray; 255 hp. b. Casey & H; 455 hp. e. (oil) Diesel Morse, DeL. U.
City cont. 9 Mazdas 200 c. p. $45.60 per year; 63 Mazdas 40 c. p. $12 per yr; Distillate & crude oil.
D G L S 1 3 26

**BISHOP,** 100—Texas Southern Elec. Co. (Successor to F. Z. Bishop Elec. Dept.) For executive officers, see Victoria.
Supt. A. L. Kleberg................Bishop
Engr. Pwr. Sta. J. F. Gaffney..... "
2 a. c. W. E. tot. 110 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 128 hp. e. Ball; 24 hp. e. (gas) Atlas; 123 hp. b. Heine.
Oil $1.40 per bbl.
G L S 3 ✢ 25

**BLOOMING GROVE,** 903 — Home Lt., Wtr. & Ice Co.; cap. $24,000; no bds.
*Pres. W. A. High.......Blooming Grove
V. Pres. J. L. Dorsey.... "
Sec. & Treas. R. W. George "
¶ Mgr. & Ch. Engr.
Wm. H. Jones......... "
Engr. Pwr. Sta.
E. C. Tillman........ "
1 a. c. Allis-C. 37.4 kva. 2200 v. s. ph. 60 cys; a. c. day (4 months of year) & nt. ltg. cir. 110 v. 60 cys; 60 hp. e. (gas) Rath. J; 60 hp. (gas pro.) Smith.
City cont. 24 Mazdas 60 w. $18 per yr; hrs; lignite $2.26.
D G L 1 ✢ 74

**BOERNE,** 1,200—North Ice Lt. Plant.
*Owner, Calvin North ..............Boerne
a. c. Warren Medberry, tot. 60 kva. 2200 v. s. ph. 133 cys; nt. ltg. cir. 110 v; also ice plant.
City cont. mdnt. coal $2.25
L I 1 ✢ §105

**BONHAM,** 6,000—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Supt. W. T. Smith ....................Bonham
Res. Engr. G. A. Blucher........ "

3 a. c. G. E. Warren, tot. 350 kw. 1100-104 v. s. & 3 ph; a. c. day ltg. cir. 104 v; a. c. mo. cir. 500 v; 325 hp. e. Rus; 300 hp. b. Atlas.

City cont. 4 arcs 1600 c. p. $90 per yr; 97 incs. $20 per yr; all nt; coal $2.32; operates in parallel with Paris Sta; (supplies Petty, Brookston, Ladonia, Roxton, Honey Grove, Dodd City and Windom.)

D L S 1 3 ✠ 26

**BOWIE,** 2,874—Northern Texas Utilities Co. (Successor to Bowie Elec. Lt. & Pwr. Co.) For officers, see Dallas.

2 a. c. G. E, West. tot. 135 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 170 hp. e. Bates, Cor, Erie; 100 hp. b. Atlas.

City cont. 4 arcs Stan. 500 to 600 w. $105 per yr; nat. gas 9 cts. per M.

D L S 1 ✠ 16

**BRADY,** 2,669—Munic. Wtr. & Lt. Wks. bds. $40,000.
Mayor A. C. Bazie ....................Brady
V. Pres. J. E. Shropshire........... "
Sec. Jno. P. Sheridan................ "
Treas. & Audr. Ike P. Rainbolt....... "
*¶ Mgr. J. M. Lyle................. "
Ch. Engr. R. O. Knight.............. "

4 d. c. G. E. tot. 160 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 135 hp. e. Atlas, Engberg; 50 hp. e. (gas) F. M. & Co.; 225 hp. b. Atlas, H. S. & G.

City cont. 20 Mazdas; all nt; slack $1.25.

C D G L S ✠ ★16

**BREMOND,** 1,500—Bremond Elec. Lt. Co.; cap. $10,000.
Pres. S. M. Peters.................Bremond
V. Pres. E. Brittain............. "
*Sec. Bruce Campbell............ "
Treas. C. W. Brown............. "
Mgr. J. K. Cayce................ "
Engr. Pwr. Sta. G. C. Wilson .. "

1 a. c. F. M. & Co. 37 kva. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 38 hp. e. (gasoline) F. M. & Co.

City cont. 5 Mazdas 100 w. $40 per yr. distillate and No. 2 solar, 7—11 cts.

D G L 1 ✠ 43

**BRENHAM,** 4,718—Brenham Compress Oil & Mfg. Co.; cap. $150,000.
Pres. & Treas. D. C. Giddings...Brenham
V. Pres. T. W. Wood............ "
*Sec. Mgr. Elec. Dept. & Ch. Engr
Jas. C. Kennedy............. "
¶ Pur. Agt. L. G. Lockert....... "
Engrs. { Aug. Schweiss........ "
{ Jno. Pedon .......... "
Ch. Elecn. S. Muery............ "

4 a. c. West. G. E. tot. 800 kva. 2400 v. 3 ph. 60 cys; a.c. day & nt. ltg cir. 110 v; a.c. day & nt. mo. cir. 110-220-440 v; s. & 3 ph. 60 cys; 600 hp. e. H. F. & M. Bass; 1000 hp. b. Heine; 345 hp. e. (oil) Busch-Diesel; also ice plant.

City cont. 122 incs. 6 cts. per kwhr. moonlt; oil $1.

D G I L S 1 3 ✠ ★16

**BRIDGEPORT,** 2,200—Bridgeport Brick Co.; cost $6,000.
Pres. C. W. Martin ..............Ft. Worth
*Sec. & Mgr. J. V. Montrief...Bridgeport

1 a. c. West. 60 kw. 1100 v. s. ph; 100 hp. e. Atlas.

Coal $3.50.

L S 1 ✠ 25

**BROWNSVILLE,** 15,000—Munic. Wtr. & Lt. Plant; bds. $150,000.
*Supt. F. H. Williams.......Brownsville
Engr. Pwr. Sta. D. McLendon "

3 a. c. West. tot. 600 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 250 hp. e. Erie; 350 hp. b. Erie.

400 city incs; oil $1.

D L S 1 3 16

**BROWNWOOD,** 7,500 — Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Mgr. W. P. Murphy..........Brownwood

3 a. c. West. G. E. tot. 540 kw. 1100 v. 3 ph. 60 cys; 1 d.c. W. E. 40 kw. 250 v; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; d. c. mo. cir. 250 v; 235 hp. e. Bckye, B. & W; 397 hp. b. Heine, Ames, Atlas; 675 hp. e. (oil) Diesel.

City cont. 231 incs. tot. $2,260 per yr; all nt; oil $1.37 per bbl.

C D G L S 3 ✠ 26

**BRYAN,** 4,132—Bryan Wtr. Pwr. Co.; cap. $70,000; no bds.
*Pres. H. T. Lawler.................Bryan
¶ V. Pres., Treas., Mgr., & Cont. "
Agt. Jordon T. Lawler........... "
Sec. H. T. Lawler, Jr...New Orleans, La.
Engr. Pwr. Sta. John Mann.......Bryan

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. (oil) Busch-Diesel.

City cont. 8 arcs G. E 6.6 amp. 500 w. $90 per yr; —— inc. series 6.6 amp. 60 c. p. 6 cts. per kw. hr; oil 3⅛ cts. (Energy sold in bulk to City of Bryan at ¾ to 6 cts. per kw. hr.).

D G L 1 3 84

**BURLESON,** 368 — Tarrant County Trac. Co. Office, Ft. Worth. (Controlled by Northern Texas Elec. Co.)
Pres. Marshall M. Phinney
147 Milk St., Boston, Mass.
Sec. Chester M. Clark..... " "
Treas. Henry B. Sawyer... " "
Gen. Mgrs. Stone & Webster
Mgnt. Assn................ " "
Local Mgr. G. H. Clifford......Ft. Worth
Supt. V. W. Berry ............ "
¶ Pur. Agt. S. F. Wine........ "
Elec. Engr. E. E. Nelson...... "

Energy purchased from Northern Texas Trac. Co; trans. volt. 15,000 v.

R X ★16

**CALDWELL,** 1,476 — Caldwell Elec., Pwr. & Ice Co.; cap. $10,000.
Pres. Geo. M. Johnston..........Caldwell
V. Pres. M. L. Womock ........ "
Sec. & Treas. L. Seigle.......... "
*¶ Mgr. & Cont. Agt. S. M. Sawyer "
Ch. Engr. Will Lina............. "
Engr. Pwr. Sta. Frank Mikeska.. "

2 d. c. Triumph G. E. tot. 105 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; d. c. day & nt. mo. cir. 220 v; 150 hp. e. Erie City, Ideal; 175 hp. b. Murray, Erie; also ice plant.

City cont. 20 incs. "C" 100 w. $2.50 per mo.; all nt; oil 82 cts.

C D I L S ✠ ★16

**CALVERT,** 2,579—Calvert Water, Ice & Elec. Lt. Co.; cap. outstg. $100,000; notes $9,500.
Pres. Fred M. Lege, Jr.........Galveston
V. Pres. R. D. Parker ..............Austin
*¶ Sec., Treas., Mgr. & Cont. Agt.
Geo. C. Volle......................Calvert
Supt. & Engr. Pwr. Sta.
J. M. Bradley...................... "

3 a. c. Ft. W. tot. 200 kw. 110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. s. & 2 ph. 60 cys; 380 hp. e. Ball; 364 hp. b. Franklin; also 30-ton ice plant (Ruemmeli-Dawley).

City cont. 46 Mazdas 40 w (11) and 25 w. (35); tot. $445.20 per yr; all nt; lignite $1.53.

D I L S 1 2 ✠ 16

**CAMERON,** 3,263—Cameron Wtr., Pwr. & Lt. Co.; cap. auth. $100,000; bds. $10,000.
Pres. T. S. Henderson...........Cameron
V. Pres. Henderson Fowler..... "
*¶ Sec. Treas. & Mgr.
C. W. Lawrence..............Cameron
Ch. Engr. J. W. Cone........... "
Asst. Engr. Joe Archy........... "

3 a. c. W. E. G. E. Allis-C. tot. 625 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; 500 hp. e. Harrisbg, Ohio 600 hp. b. Brnl.

City cont. 107 series street lts. 60 c. p. $24 per yr; all nt; coal $1.50. (Operates in conjunction with Cameron Ice & Cold Stor. Co.)

D I L S 1 3 ✠ ★16

**CANADIAN,** 1,648—Canadian Wtr., Lt. & Pwr. Co.
Pres. Avery Turner...............Amarillo
V. Pres. D. J. Young...........Canadian
Sec. & Treas. Dan. B. Hoover... "
*Mgr. J. S. Hood ................ "
Ch. Engr. F. J. Armstrong..... "

2 a. c. West. tot. 100 w. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 3 ph. 60 cys. 100 hp. e. (gas) West; 100 hp. gas pro. Westg.

City cont. 15 Mazda series 400 c. p. $78 per yr; all nt; coal $4.30.

D G L 3 ✠ 16

**CANYON,** 1,400—Canyon Pwr. Co.
Pres. D. A. Park....................Canyon
V. Pres. S. C. Whitman.......... "
Sec. & Treas. C. N. Harrison..... "
*Gen. Mgr. A. E. Bent.....Denver, Colo.
Audr. Fred. Sickles..Tucumcari, N. Mex.
Res. Mgr. Wm. Sydow.............Canyon
Engr. Pwr. Sta. J. K. Boring..... "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 125 hp. e. Atlas; 180 hp. b. Atlas.

City cont. 16 Mazdas 60 w. $18 per yr; moonlt; coal $3.60.

L S 1 3 ✠ 25

**CENTER,** 1,684—Texas Southern Elec. Co. (Successor to The Pittman Ice & Elec. Co.) For executive officers, see Victoria.
Div. Mgr. M. E. Pittman...........Center
Ch. Engr. H. R. V. Tompkins..... "

2 a. c. C-W tot. 150 kw. 1100 v. 3 ph. 60 cys; a. c. day (in summer & Wed. & Sat.) & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 225 hp. e. Ball, Ames; 230 hp. b. Ames; also 20 ton ice plant (York).

City cont, 26 tung. series 75 w. $27.60 per yr; moonlt; wood $2; lignite $1.50. (Co. sells energy to city for pumping.)

D I L S 3 ✠ ★16

**CHILLICOTHE,** 1,207—Chillicothe Lt. & Pwr. Co. of Texas. (Controlled by Southwestern Cities Elec. Co., 49 Wall St., New York, N. Y., and operated by Jno. C. Keys, Lawton, Okla.)

Energy from Quanah Lt. & Ice Co.

L 45

**CHILDRESS,** 3,818—Childress Ice & Lt. Co.; cap. outstg. $40,000.
Pres. W. G. Swenson.............Abilene
V. Pres. G. A. Smith ...........Childress
Sec. & Treas. H. S. Crawford... "
*¶ Mgr. E. T. Thomas .......... "
Ch. Engr. Pwr. Sta.
John F. Hellerman.......... "

2 a.c. Ft. W. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 300 hp e. Ham, Cor, G. & W; 300 hp. b. Keeler; also 25-ton ice plant.

City cont. 80 Mazdas 40 w. $13.20 per yr; all nt; oil 91 cts.

D I L S 3 ✠ 15

**CISCO,** 2,410—Cisco Gas & Elec. Co. (Controlled through stock ownership by American Public Service Co.)
Pres. W. S. Michael..................Cisco
V. Pres. A. V. Wainright ........Abilene
Sec., Mgr. & Cont. Agt. Geo. Beer..Cisco
Treas. S. W. Baldwin......Orange, N. J.
Audr. R. D. Smith..................Abilene
¶ Pur. Agt. H. G. Haynie........ "
Consltg. Engr. H. E. Mole, New York, N.Y.

2 a. c. Ft. W., G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v; 450 hp. e. Ham, Atlas, Brnl; 350 hp. b. Keeler, H. R. & T; also ice plant.

Natural gas 12½ cts.

D I L S 3 25

**CLARENDON,** 1,946—Clarendon Lt. & Pwr. Co.; cap. $25,000.
Pres. L. W. Chase................Cleburne
V. Pres. W. M. Odell............ "
*Sec. Treas. & Mgr. A. L. Chase..Clarendon
Engr. Pwr. Sta. T. S. Kemp... "

2 a. c. F. M. & Co. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.; 150 hp. e. (oil) F. M. & Co.

City cont. 89 incs. series 32 c. p. $12 per yr; 6 incs. series 80 c. p. $30 per yr; moonlt; 44 Tung. 60 w. mult. $12 per yr; 10 P. M; oil 5 cts.

D G L 3 ✠ 25

**CLARKSVILLE,** 2,065—Clarksville Lt. Co.; cap. $55,000; no bds.
*Pres. & Gen. Mgr.
O. E. Hubbard..............Clarksville
V. Pres. J. M. Butcher........ "
Sec. A. D. Simpson............ "
Treas. C. E. Williams.......... "
Ch. Engr. B. W. Sunkle...... "

2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-140 v. s. & 3 ph. 60 cys; 350 hp. e. L. & B. Monarch; 350 hp. b; also ice plant.

City cont. 50 incs. 60 c. p. $18 per yr; all nt; coal $2.

D I L S 1 3 ✠ 16

**CLEBURNE,** 14,300—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Local Mgr. W. E. Gooch..........Cleburne

Sub-sta: 3 transf. G. E. tot. 1500 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 30 series arcs 6.6 amp. $78 per yr: 202 incs. $20 per yr. (Supplies Alvarado, Grandview and Joshua)

D L 3 ✠ 26

**CLIFTON,** 1,137—Northern Texas Utilities Co. For officers, see Dallas.

2 a. c. C. W., G. E. tot. 110 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. e. Brnl. Ide; 125 b. Brnl.

City cont. 30 incs. mult. 100 w. $18 per yr; all nt; lignite $1.85. (Also lts. Meridian and Morgan.)

D L S 1 3 ✠ ★16

**COLEMAN,** 3,046—Munic. Lt. & Pwr. Plant; bds. $20,000.
Clerk R. V. Wood.................Coleman
*¶ Mgr. Cont. Agt. & Ch. Engr.
W. T. Foley......................... "
Engrs. Pwr. Sta. { Claude White........ "
W. T. Jennings ...... "
W. W. Orr.......... "

2 a.c. Ft. W. tot. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 300 hp. e. Ideal; 300 hp. b. Murray.

84 series inc. 4 amp. 100 & 60 c. p. $30 per yr; moonlt; all nt; oil $1.02 per bbl.

D L S 1 3 ★16

**COLLEGE STATION**, 450--Agriculture & Mechanical College Elec. Lt. Plant; cost $75,000.
Pres. W. B. Bizzell......... ... College Station
*¶Ch. Engr. Pwr. Sta.
C. D. McMillane............... College Station
3 a. c. C. & W, G. E. tot. 450 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir; 1000 hp. e. McE. Ball, H. F. & M; 1500 hp. b. Bab. & W, Stir, Heine; also stm. htg.
City cont. 35 Tung. 80 w; oil.
D H L S 3 ✠ 25

**COLORADO**, 1,840—West Texas Elec. Co. For executive officers, see Sweetwater.
Local Mgr. C. L. Browning......Colorado
Energy from Sweetwater; 6 transf. G. E. tot. 75 kva; trans. volt. 22,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 220-110 v. 3 ph. 60 cys.
City cont. 103 Mazdas 80 c. p. $18 per yr.; all nt.
D L X 26

**COLUMBUS**, 1,824—Columbus Lt. Co.; cap. $10,000; no bds.
Pres. Cary Shaw......................Houston
V. Pres. J. W. Towell...........Columbus
*¶ Sec. Treas. Mgr. & Elecn.
J. Shaw....................... "
Audr. L. D. Shaw............... "
1 a. c. Warren 60 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir; 95 hp. e. (oil) St. Marys.
All nt: distillate 4½ cts. per gal.
G L 1 ✠ 25

**COMANCHE**, 4,750—Comanche Lt. & Pwr. Co; cost $56,000.
Owners *Mgr. E. W Harris..Comanche
Owners Jno. P. Hoff........ "
2 a. c. Warren tot. 195 kw. 2200-110 v. s. ph. 60 cys; a. c day cir. 110 v; 150 hp. e. Murray, Cor; 250 hp. b. Atlas.
City cont. 7 lamps 300 w. tot. $350 per mo. (including pumping); all nt; lignite $1.75 to $2.
D L S 1 ✠ 75

**COMFORT**, 800—Elec. Lt. Plant.
Owner, Ernest Flach..............Comfort
¶ Pur. Agt. Alfred E. Flach....... "
*Supt. Max A. Flach ............ "
1 a. c. G. E. 30 kw. s. ph; no day cir; 0 hp. e. Greenwald; 125 hp. b. Erie; 110 hp. turb. (wtr.) Leffel.
Wood $2.50.
L S W 1 ✠ 85

**COMMERCE**, 3,500—Texas Pwr. & Lt. Co. (Has taken over Commerce Ice & Pwr. Co.) For executive officers see Dallas.
Local Mgr. Thos. Cook........Commerce
Engr. Pwr. Sta. A. P. Harris... "
2 a. c. West. tot. 150 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Sknr, Ames; 300 hp. b. . & H; 18-ton ice plant Wolfe-Linde.
Lignite $1.32. (Wholesales energy to city for st. ltg. & pumping.)
D I L S 3 26

**CONROE**, 1,374—Conroe Gin & Lt. Co.
Pres. C. A. Leavens..............Houston
V. Pres. C. W. Marlin .......... "
*Sec. Treas. & Mgr.
Henry Thompson................Conroe
1 a. c. C. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 75 hp. e. (oil) Std. Diesel
City cont. 24 Mazdas 60 & 100 c. p. $20 per yr. all nt; oil. (Contemplates installing ice machine.)
D G L 3 ★16

**COOPER**, 1,513—Delta Elec. & Mfg. Co.; cap. $15,000.
Pres. —— ——........................——
V. Pres. Chas. A. Smith..............Paris
Sec. Treas. & Mgr. Chas. Hardy...Cooper
*Line Foreman, Elmer Nelson..... "
1 a. c. Allis-C. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. — v. 3 ph. 60 cys; 100 hp. e. Skinr; 180 hp. b. Atlas.
City cont. 50 Mazdas 60 w. $12 per yr; coal.
D L S 3 ✠ ★125†

**CORPUS CHRISTI**, 8,222 — Corpus Christi Ry. & Lt. Co. (Purchased Corpus Christi Ice & Elec. Co.) (2 gen. stas.); cap. outstg. $650,000; bds $650,000.
Pres. John Gribbel..............Phila., Pa.
1st V. Pres. John J. Henderson " "
*2d V. Pres. & Gen. Mgr.
David R Locher.........Corpus Christi
Sec. & Treas. A. E. Born.. " "
Supt. W. E. Emig.......... " "
Ch. Engr. Pwr. Sta.
E. F. Gibbon............ " "
5 a. c. G. E, Ft. W. tot. 1000 hp. 110 v. 2 ph. 60 cys; 3 d. c. tot. 550 kw. 550 v; 1 rect G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; a. c. day & nt. mo. cir. 550 v. (Ry.); 460 hp. e. Bckye., H. O. R., Atlas; 400 hp. b. Stir; 450 hp. e. (oil) Busch-Diesel; also 25-ton ice plant (Triumph).
City cont. 37 arcs magn. 4 amp. $84 per yr; 225 inc. series. 50 & 100 c. p. $18 & $25 per yr: all nt; oil 85 cts. per bbl.
C D G I L S 2 ✠ ★16

People's Light Co.
*Pres. & Mgr.
E. H. Eldridge..........Corpus Christi
Sec. & Treas. Harold Vetters "
Ch. Engr. O. R. Brauer.... "
3 a. c. G. E. West. tot. 400 kva. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 120 hp. e. Ball; 150 hp. b. W. & W: 425 hp. e. (gas) Rath. J; 480 hp. gas pro. Smith, Wood.
Lignite $2.32.
D G L S 1 2 ✠ 16

**CORSICANA**, 9,749—Corsicana Gas & Elec. Co.; cap. $25,000; bds. $20,000.
*¶ Pres. & Mgr.
J. W. Carpenter..............Corsicana
V. Pres. S. M. Kerr ........... "
Sec. & Treas.
F. N. Drane ....... .......... "
Audr. Harold E. Borton ....... "
Supt. J. S. Roth ................ "
Engr. Pwr. Sta. M. H. Booth... "
3 a. c. G. E. tot. 650 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 122 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 525 hp. e. Rus, Brnl, Mans; 525 hp. b. Stir. Plant held in reserve; energy purchased from Texas Pwr. & Lt. Co. (Waco); 3 transf. G. E. tot. 1200 kw.
City cont. 51 arcs 6.6 amp. 1200 c. p. $70 per yr: 20 Mazdas 100 c. p. $30 per yr; all nt: oil $1.05. (Co. sells energy in bulk to Kerens Elec. Lt. & Pwr. Co.)
D L S 3 16

**CROCKETT**, 3,947—Crockett Ice, Elec. Lt. & Pwr. Co; cap. $30,000; no bds.
Pres. G. Q. King....................Crockett
V. Pres. H. F. Moore............ "
*¶ Sec., Treas., Mgr. & Cont. Agt.
C. W. Le Gory.................... "
Supt. & Engr. H. H. Powers..... "
2 a.c. F. M. & Co., C.-W. tot 135 kva. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 250 hp. e. Chuse, Prison; 180 hp. b. Atlas, Nagle; also 20-ton ice plant (Frick).
City cont. 50 tung. 40 c. p. $18 per yr; moonlt; lignite coal 80 cts. (Contemplates installing additional 150 hp. boiler.)
D I L S 3 ✠ 16

**CROWELL**, 1,341—Crowell Elec. Lt. & Pwr. Plant; cost $10,000; owes $1,000.
*Owner, C. L. Rucker ..............Crowell
1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a.c. ltg. cir. 110 v. 3 ph. 60 cys;90 hp. e. (gas) St. Mary's.
City cont. 20 tung. 40 & 100 w; all nt.
G L 3 113

**CUERO**, 3,109—Texas Southern Elec. Co. (Successor to Cuero Lt. & Pwr. Co.) For executive officers, see Victoria.
Div. Mgr. R. H. Morris...............Cuero
Engr. Pwr. Sta. H. J. Carroll....... "
3 a. c. G. E. tot. 950 amp. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220; 500 hp. e. Bates; 1800 hp. turb. (wtr.) Samson; 500 hp. b. Brnl. Erie.
City cont. 3 arcs A. B. 1200 c. p. $100 per yr; 130 incs. 50 c. p. $18 per yr; moonlt; all nt.
D L S W 2 ✠ 25

**DALHART**, 2,580—*The Dalhart Ice & Elec. Co.; cap. $98,600; no bds.
Pres. Jno. S. Cory..........Denver, Colo.
¶ V. Pres. & Mgr. Sam E. Killen..Dalhart
Sec. J. K. Scott...................... "
Treas. J. N. Cole.................... "
Engr. Pwr. Sta. B. F. McCord.... "
Ch. Elecn. E. Auer.................. "
2 d. c. West. tot. 60 kw. 110 v; 2 a. c. G. E. tot. 260 kw. 2300-104 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 104 v; a. c. mo. cir. 208-104 v. s. & 3 ph. 60 cys; 300 hp. e. Vilter, Erie; 300 hp. b. Erie; also ice plant.
City cont. 16 arcs d. c. mult. 5.5 amp. $96 per yr; moonlt; coal $3.40.
C D I L S 1 3 ✠ 70

**DALLAS**, 92,104—Dallas Elec. Lt. & Pwr. Co. Office, 1504-6 Commerce St. (Securities owned by Dallas Elec. Co.) (Total generating capacity 18,300 kw.)
Pres. W. H. Gaston..................Dallas
V. Pres. J. B. Adone................. "
Sec. & Treas. J. B. Walker.......... "
Gen. Mgrs. Stone & Webster Mgt. Assn.........................Boston, Mass.
Mgr. Edw. F. Moore ..................Dallas
Cont. Agt. W. L. Marshall......... "
¶ Pur. Agt. M. P. White ............ "
Supt. R. C. Brooks.................. "
Elec. Engr. E. Oram.................. "
Line Supt. J. R. Schoolfield........ "
6 a. c. G. E. tot. 10,000 kw. 2300 v. 2 ph. 60 cys; 1 d. c. G. E. 800 kw. 600 v; 10 rec. tot. 180 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s & 2 ph. 60 cys; d. c. mo. cir. 250-550 v; 5040 hp. e. Ham; 9390 hp. b. A. & T, Bab. & W, Stir; 12.116 kw. stm. turb. Curtis; also purchases energy from Dallas Ice Factory, Lt. & Pwr. Co.
City cont. 1143 arcs a. c. 555 w. 7.5 amp. $56 per yr; 419 magn. arcs d. c. 300 w. 3.5 amp. $45 per yr; all nt; oil. (Also lts. Oak Cliff; supplies energy to Northern Texas Elec. Co )
C D G L S 1 2 25

Dallas Ice Factory, Lt. & Pwr. Co.; cap. auth. $398,000.
*Pres. & Mgr. J. Delano Wood......Dallas
Sec. & Treas. Seth Strong, Jr........ "
4 a. c. West. Natl. tot. 1600 kw. 2200-220-110 v. 2 ph. 60 cys; 1 d. c. G. E. 650 kw. 550 v; a. c. day cir. 220 v; —— hp. e. St. L; 2000 hp. b. O'B, B. & W, A. & T; also 125-ton ice plant.
Oil. (Co. also sells energy to Dallas Elec. Lt. & Pwr. Co.)
C D I L S 2 16

Northern Texas Utilities Co. Office Commonwealth Blk Bldg. (Pwr. plants in Bowie, Clifton and Henrietta; also serves Meridian and Morgan); cap. outstg. $260,000; bds. $105,000.
Pres. Hiram Grosman..................Dallas
*Sec.-Treas. Cont. Agt. H. R. Riely 1025 Elm St.......................... "
L §16

Texas Pwr & Lt. Co., 1322 Commerce St. (Operates gen. stas. at Bonham, Brownwood, Denison, Gainesville, McKinney, Palestine, Paris, Taylor, Temple, Tyler, Waco; and sub.-stas. at Abbott, Allen, Alma, Alvarado, Anna, Bardwell, Bartlett, Belton, Brandon, Brookston, Bruceville, Cleburne, Commerce, Dodd City, Eddy, Ennis, Ferris, Forreston, Frost, Garland, Grandview, Granger, Heidenheimer, Holland, Honey Grove, Howe, Italy, Itasca, Joshua, Ladonia, Lancaster, Lorena, Maypearl, McGregor, Melissa, Mertens, Milford, Moody, Palmer, Pendleton, Petty, Plano, Red Oak, Rice, Richardson, Rockwall, Rogers, Royce City, Roxton, Sherman, Thorndale, Thrall, Troy, Van Alstyne, Waxahachie, West, Wilmer, and Windom. Sells energy to Corsicana Gas & Elec. Co. and in Cement City and Powell. (Controlled by The Southwestern Pwr. & Lt. Co.); cap. $2,350,000 (pfd.); $659,000 (2nd pfd.); $10 000,000 (com.); bds. $6,680,000.
Pres. J. F. Strickland ...............Dallas
Asst. to Pres. W. B. Head.......... "
V. Prests. { A. S. Grenier..New York,N.Y.
Osce Goodwin...............Dallas
E. W. Hill.....New York,N.Y.
F. G. Sykes .... " "
Sec. & Asst. Treas. C. E. Calder....Dallas
Treas. & Asst. Sec. M. H. Arning..........New York, N. Y.
Asst. Secys. & Asst. Treasrs. { E. W. Freeman " "
J. E. Van Horn...Dallas
Act. Gen. Mgr. F. R. Slater.......... "
Constr. Engr. E. B. Neiswanger... "
Commercial Mgr. Hartwell Jalonick "
L ★26

Dallas Electric Co. (Successor to Dallas Electric Corpn.) Office, 147 Milk St., Boston, Mass.; (Owns securities of local cos. which do an electric railway and an electric lighting and power business in Dallas); cap outstg. $1,995,000 (1st pfd.), $1,997,300 (2d pfd.), $2,849,800 (com ); bds. $4,000.000.
Pres. Joseph S. Levering New York. N. Y.
V. Pres. Robt. T. Paine, 2d..........Boston
Sec. Chester M. Clark............. "
Treas. H. B. Sawyer ............. "
Gen. Mgr. Stone & Webster Mgt. Assn.............................. "
Mgr. Optg. Cos. Charles F. Wallace. Dallas
★26

**DAWSON**, 803—Dawson Lt. & Pwr. Co.
*Propr. F. H. Muir.................Dawson
2 a. c. F. M. & Co. tot. 40 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 50 hp. e. (oil) F. M. & Co.
City cont. 23 "B & C" incs. 60 & 100 w. $1.18 & $1.95 per mo; all nt; crude oil 97 cts. and fuel oil $1.31.
D G L 1 3 ✠ 16

Union Central Lt. & Ice Co. See Hubbard City.

**DECATUR**, 1,651 — Munic. Lt. & Wtr. Plant; bds. $18,000.
Treas. R L. Thompson..........Decatur
*¶ Mgr. Clarence W. Crawford.. "
Gen. Supt. L. L. Hayle............ "
Engrs. Pwr. Sta. { Will Crawford........ "
A. C. Butler.......... "
2 a. c. Hawthorn, W. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 125 hp. e. Murray. Cor; 110 hp. e. (gas) Bessemer; 150 hp. b. Heine.
18 city Mazdas "C." all nt; gas 10 cts.
D G L S 1 3 ✠ ★16

**DE LEON,** 1,015—De Leon-Gorman Lt. & Pwr. Co. (Successor to De Leon Ice Co. and Gorman Lt. & Pwr. Co.) cap. $20,000; bds. $7,500.

V. Pres. W. M. Collie..............Gorman
¶ Sec. Treas. & Mgr.
J. T. Collie........................De Leon

1 a. c. E. M. Co. 100 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. s. ph. 60 cys; 120 hp e. Mur; 60 hp. b. Atlas, Frick.

City cont. 20 Mazdas 100 w. $—— per yr; coal $2.25. (Co. also lts. Gorman.)

D L S 1 2 ✠ ★16†

**DEL RIO,** 4,500—Texas Southern Elec. Co. (Successors to City Ice & Elec. Co.) For officers, see Victoria.

1 a.c. Allis-C. 225 kw. 2300 v. 3 ph. 60 cys; d. c. Tri. 20 kw. 550 v; a. c. day & nt. tg. cir. 104 v. s. ph. 60 cys; 275 hp. e. Atlas; 50 hp. b. Erie; 102 hp. turb. wtr. Lef; lso 30-ton ice plant (Vilter.)

All nt; coal $2.10.

C D I L S W 1 3 ✠ ★16

**ENISON,** 15,109—Texas Pwr. & Lt. Co. For executive officers, see Dallas.

gr. P. A. Rogers...................Denison

4 a. c. W. E, Bull. tot. 1100 kw. 2300 v. ph. 60 cys; 2 d. c. Tri. tot. 95 kw. 125 v; . c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 1600 hp. e. Atlas, ckye, Fulton; 1755 hp. b. Heine.

City cont. 403 series Mazdas; all nt; at. gas 9 cts; oil 77 cts. (60,000 v. rans. ine to Sherman, Ft. Worth and Waco.)

C D L S 3 ✠ 26

**ENTON,** 4,732—Munic. Elec. Lt., Pwr. & Wtr. Plant. Office, 47 West Oak St; bds. $42,000.

¶ Mgr. W. J. Grady...............Denton
h. Engr. Pwr. Sta. Wm. Cartwright “

1 a. c. Ft. W. 250 kw. 2200 v. 3 ph. 60 ys; 1 d. c. West. 100 kw. 250 v; a. c. ay & nt. ltg. cir. 110 v. 60 cys; a.c. day & t. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d.c. g. & mo. cir. 220 v; 460 hp. e. Murray; 00 hp. b. Heine, Brnl.

125 city incs. type “C” 100 c.p; moonlt; oal $2.40.

C D L S 1 3 ✠ 25

**EVINE,** 1,500—Devine Lt., Pwr. & Ice Co; cap. $35.000.

Pres. & Mgr. A. Naval ............Devine
. Pres. J. W. Fullerton .......... “
ec.-Treas. L. F. Price............. “

2 a. c. West. G. E. tot. 137½ kw. 2200 v. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 10 v; a. c. day & nt. mo. cir; 40 hp. e; 0 hp. b; ice plant.

City cont. — Mazdas $12 per yr; all nt; lar oil 4—4¾ cts.

D I L S 1 3 ✠ 85

**UBLIN,** 2,551—Central Texas Pwr. Co. See Hico.

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. o. cir. 220-110 v. s. ph. 60 cys.

City cont. 6 arcs A. B. 6 amp. $84 per r; moonlt.

D L 1 ✠ 16

**AGLE PASS,** 3,536 — International Elec. Co. (Controlled by the Southwestern Pwr. & Lt. Co.); cap. outstg. $75,000 (pfd.); $85,000 (com.); bds. $185,000.

res. R. C. DeBona...........Eagle Pass
. Prests { Gen Mgr. F. L. Sweet..... “
C. L. Cox..............Dallas
E. P. Summerson
New York, N. Y.
c. & Treas. J. C. Thompson.....Dallas
sst. Secys. & sst. Treasrs. { W. H. Painter... “
G. S. Brown
New York, N. Y.

2 a. c. West. tot. 335 kw. 2200 v. 2 ph. 60 cys; 750 kw. West. turbo.-gen; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 400 hp. e. Atlas; 975 hp. b. Atlas, Heine.

City cont. 118 Mazdas; moonlt; coal $1.55 (Co. also lts. C. P. Diaz, Mex.)

D L S 2 ✠ 26

**EASTLAND,** 855—Eastland Lt. & Pwr. Co; cap. $10,000.

*Pres. Allen D. Dabney..........Eastland
Ch. Engr. G. W. Bishop......... “

1 a. c. Warren 60 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 50 hp. e. (oil) F. M. & Co.

City cont. 15 Mazdas tot. $25 per yr; all nt; gasoline and oil.

G L 1 ✠ 16

**EDINBURG,** 800—Pharr Ice, Lt. & Pwr. Co. See Pharr.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 16

**EDNA,** 1,144—Edna Ice & Lt. Co.; cap. $20,000; no bds.

Pres. & Treas. E. L. Ward ..........Edna
*V. Pres & Mgr. Rud. Linnartz.... “

2 d. c. C. W. F. M. & Co, tot. 80 kw. 250 v; d.c. day & nt. ltg. cir. 250 v; d.c. mo. cir. 250 v; 150 hp e. (oil) F. M. & Co; 250 hp. b. Erie. Atlas; also 5-ton ice plant (York).

City cont. 15 incs. $1.20 per mo; moonlt; crude oil $1.88½ per bbl; distillate 4 cts. gal.

C D G I L ✠ ★16

**EL CAMPO,** 1,778—Central Service Co. (Controlled by Henry L. Doherty, 60 Broadway, New York, N. Y.): cap. outstg. $200,000; no bds.

Pres. F. J. Hordey..............El Campo
V. Pres.
Thomas I. Carter.....New York, N. Y.
*¶Sec., Treas., Mgr. & Cont. Agt.
W. A. Hiddleson..............El Campo
Engr. Pwr. Sta. E. B. Noyes.... “

2 a. c. G. E. tot. 135 kva. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt mo. cir. 110-220 v. 3 ph. 60 cys; 80 hp. e.. Ideal; 200 hp. b. Erie; 160 hp. e. (oil) Busch Diesel.

City cont. 25 series incs. 100 c.p. $30 per yr; all nt; oil $1.

D G L S 3 ✠ ★26

**ELGIN,** 1,707—Elgin Lt. & Pwr. Co; cap. $15,000; no bds.

¶ Pres. Mgr. & Cont. Agt.
Louis C. Deisch.....................Elgin
V. Pres. Howard Rivers ............ “
*Sec. & Treas. Thos. L. Deisch..... “
Engr. Pwr. Sta. Max Knoth.......... “

2 a.c. Westg, G. E. tot. 125 kw. 2400 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. & mo. cir. 220-110 v; 140 hp. e. Ideal; 200 hp. e. Brnl; (also ice plant).

City cont. 5 series arcs 6.6 amp. $96 per yr. 26 series incs, 40 w. $12 per yr; lignite.

D I L S 1 3 ✠ 73

**EL PASO,** 39,279 — El Paso Electric Co. Executive office, 147 Milk St., Boston, Mass. (Owns the securities of the El Paso Elec. Ry. Co., El Paso & Juarez Trac. Co. and Rio Grande Valley Trac. Co, which companies do the entire electric railway, electric lighting and power business in El Paso, Tex. and Juarez, Mex., and operate an elec. railway between El Paso and Ysleta. Total capacity of gen. sta. 11,000 kw.); cap. outstg. $1,000,000 (pfd.); $2,873,000 (com.); bds. $1,000,000.

Pres. Marshall M. Phinney..Boston, Mass.
V. Pres. Jos. Remick...... “
Sec. Chester M. Clark..... “
Treas. H. B. Sawyer....... “
Gen. Mgrs. Stone & Webster
Mgt. Assn................ “

Mgr. Oper. Cos. H. S. Potter......El Paso
5 a. c. G. E. tot. 2000 kw. 2200-210-105 v. 2 ph. 60 cys; 1 d. c. West. 200 kw. 575 v; a.c. day ltg. & mo. cir. 210-105 v; 2250 hp. stm. turb. G. E; 1050 hp. e. Ames, McE; 1000 hp. b. Bab. & W.
City cont. 285 arcs 6.6 amps. $84 per yr; moonlt; coal $2.75. (Co. also lts. Juarez, Mex.)
C D R S 2 ★26

**ENNIS,** 5,669—Texas Pwr. & Lt. Co.
For executive officers, see Dallas.
Local Mgr. R. F. Sikes...............Ennis
Sub-sta:—transf. tot. 900 kva.; 1 rect. G. E. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 136 incs. series; all nt. (Supplies Ferris, Palmer, Rice, Alma, Bardwell and and Wilmer.)
D L 3 ✠ 26

**FALFURRIAS,** 3,700—Ed. C. Lasater Pwr. Co.
*Supt. A. B. Jones...............Falfurrias
Engr. Pwr. Sta. T. F. Schooley "
1 a. c. West. 50 kva. 2400 v. 3 ph. 60 cys; 1 d. c. West. 7½ kw. 110 v; a. c. & d. c. day & nt. ltg. cir. 110 v; 180 hp. e. Ham. Mur; 200 hp. b. Atlas; 80 hp. e. (gas) F. M. & Co; also 10-ton ice plant.
City cont. 7 incs. 60 w. $43 84 per yr; mdnt. & 4 A. M. to daylt; crude & solar oil $1.01 per bbl. & 5½ cts. per gal.
C G I L S 3 ✠ 16

**FARMERSVILLE,** 1,848 — Farmersville Mill & Lt. Co. Cap. $50,000; no bds.
Pres. H. D. Honaker.........Farmersville
V. Pres. J. M. Honaker......."
*Sec. Treas. & Mgr.
John B. Honaker........... "
Engr. Pwr. Sta. J. J. Peel..... "
1 a. c. Allis-C. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 150 hp. e. Sknr; 300 hp. b. Watson.
Coal.
D L S 1 3 ✠ 16

**FENTRESS,** 150—Fentress Gin Co.
*Owner, J. C, Dauchy.............Fentress
1 d. c. Bull 16 kw. 125 v; d. c. nt. ltg. cir. 115-105 v; 50 hp. e. Atlas; 60 hp. b. Atlas; 80 hp. wtr. wh. Smith, Leffel.
C L S W ✠ 23

**FERRIS,** 1,350—Texas Pwr. & Lt. Co. (Ennis Dist.) See Dallas.

**FLATONIA,** 886—Flatonia Ice & Elec. Co.; cost $21,000.
Owners & { C. A. Pearson .......Flatonia
Mgrs. { *W. D. Johnson....... "
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 60 hp. Atlas; 40 hp. (oil) F. M. & Co; 100 hp. b. Keeler; also 10-ton ice plant.
City cont. 30 Mazdas 40 & 60 w. $1.50 per mo; all nt; lignite $1.55.
G I L S 1 3 ✠ 16

**FLORESVILLE,** 1,500 — Floresville Lt. & Pwr. Co; cap. outstg. $25,000; no bds.
Pres. B. J. Carrico.............Floreseville
*¶ V. Pres. & Mgr.
W. T. Pittman.............. "
Treas. B. H. Mortin........... "
Gen. Supt. H. M. Smith.... "
Engr. Pwr. Sta.
Robt. Condra............... "
2 a. c. G. E. tot. 100 kw. 2300 v. 3 ph. 60 cys; 115 hp. e. (oil) Muncie.
City cont. 30 st. series lamps 6.6 amp; moonlt; oil.
G L 3 ✠ §105

**FORNEY,** 1,114—Forney Wtr., Lt. & Ice Co.; cap. outstg. $25,000.
Pres. & Mgr. G. G. Fix...............Forney
V. Pres. J. M. Davis, Jr ............ "
*Sec. & Treas. B. B. Hulsey....... "
Ch. Engr. E. A. Sayre.............. "
1 a. c. Wagner 50 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 80 hp. e. Mur; 200 hp. b. Brnl; also 12-ton ice plant.
City cont. 10 Mazdas 100 w. $24 per yr; all nt; slack $2.50.
D I L S 3 ✠ ★16

**FORT STOCKTON,** 439—Ft. Stockton Lt. & Pwr. Co.
Sec. O. W. Williams..........Ft. Stockton
Treas. Horace F. Stevens,
25 Milk St., Boston, Mass.
*¶ Mgr. & Cont. Agt.
E. F. Woodruff..............Ft. Stockton
Engr. Pwr. Sta. M. H. Davis "
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day (in summer) & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 140 hp. e. Bates, Cor; 300 hp. b. W. & W; also 6-ton ice plant Wolf-Linde.
City cont. 25 Mazdas 15 cts. per kw. hr; crude oil, $1.15 per bbl.
D I L S 3 ✠ 16

**FORT WORTH,** 90,000—Munic. Elec. Ltg. System.
*Comr. Lts. C. F. Crabtree .....Ft. Worth
Engr. L. Meadows............ "
Purchases energy; 18 mercury arc rect. G. E. West. tot. 100 lt. 4 amp.
640 city arc series 4 amp; 380 city Mazda series 4 amp. 75 w.
L 75

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Ft. Worth Pwr. & Lt. Co. (Controlled by Southwestern Pwr. & Lt. Co.) cap. outstg. $3,860,000; bds. $2,412,000.
Pres. & Mgr. A. J. Duncan.....Ft. Worth
V. Pres. Geo. T. Reynolds..... "
Sec. J. W. Mitchell............ "
Treas. T. B. Yarborough....... "
Asst. Sec. & Asst. Treas.
E. P. Summerson.....New York, N. Y.
Mgr. Cont. Dept. J. C. Gantt..Ft. Worth
¶Pur. Agt. Frank Brown....... "
Gen. Supt. Hugh McCook....... "
Supt. Distrbn. A. M. Evans "
Ch. Oper. Engr. Edwin Jowett. "
Engr. Pwr. Sta. W. G. Riddle.. "
3 a. c. turbo-gen. G. E. tot. 18,000 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. 2 & 3 ph. 60 cys; d. c. day & nt. mo. cir. 500 v; 7600 hp. b. Edge. Interchange of energy with Texas Pwr. & Lt. Co., Waco.
City cont. 657 arcs 2½ cts. per kwh; 484 incs. 4 cts. per kwh. coal & oil. (Co. also lts. Polytechnic, Arlington Heights and Niles City.
C D L S 1 2 3 ★16

**FRANKLIN,** 665—Franklin Wtr. & Lt. Co.; cap. auth. $20,000; bds. $3,000.
¶ Pres. & Mgr. H. P. Kellogg...Franklin
Ch. Engr. O. E. Dorrough ...... "
Ch. Elecn. R. Reynolds......... "
1 d. c. Diehle 20 kw. 125 v; no day cir; 60 hp. e. Ames; —— hp. b. Atlas.
City cont. 20 incs. 32 c. p. $15 per yr; mdnt; wood $1.50.
C L S ✠ ★125†

**FREDERICKSBURG,** 1,200—*Fredericksburg Lt. & Pwr. Co; cap. auth. & pd. in $9,000.
¶ Owner & Mgr. Joe L. Nentwig
Fredericksburg
1 d. c. 30 kw. 100 v; d. c. ltg. cir. 110 v; 60 hp. e. Atlas; 80 hp. b. Atlas.
Incs. $6 per yr; wood $2.25.
C L S ✠ 23

**FREEPORT,** 50—Freeport Lt., Water & Ice Co. (Pwr. plant 3 miles south of Freeport); cap. $5,000.
Pres. C. A. Jones.................Freeport
*Sec. & Treas. P. Geo. Maercky. "
Energy purchased from Freeport Sulphur Co; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont. 23 incs. "C" 250 c.p. mdnt.
D L 1 3 ✢ 16

**GAINESVILLE,** 7,624 — Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Local Mgr. L. J. Geer..........Gainesville
Engr. Pwr. Sta. R. J. Galatain "
1 a. c. Ft. W. 300 kw. 2300 v. 3 ph. 60 cys: 2 d. c. Ft. W. tot. 175 kw. 250 v; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 250 h. p. e. (gas) Nash. Rath-J; 150 hp. gas pro. Nash; 450 hp, e. (oil) Busch-Diesel.
City cont. 221 incs. moonlt; oil $1.37; slack, $3.00.
C D G L 3 ✢ 26

**GALVESTON,** 50,000—Brush Electric Company. Office, 2424 Market St. (Controlled by the Cities Service Co., and operated by the Doherty Organization, 60 Wall St.. New York, N. Y.); cap. $2,500,000; bds. auth. $5,000,000, issued $1,500,000.
Pres H. L. Doherty
60 Wall St., New York, N.Y.
V. Pres. F. W. Frueauff
" "
Sec. & Treas. K. E. Mason....Galveston
*¶ Gen. Mgr. & Cont. Agt.
W. R. Phipps................. "
5 d. c. G. E. tot. 600 kw. 220-110 v; 4 a. c. Allis-C. tot. 3250 kw. 2300 v. 2 ph. 60 cys; a. c. & d.c. day & nt. ltg. cir. 110 v; d. c. pwr. cir. 220-110 v; a. c. pwr. cir. 440 220-110 v. 2 ph. 60 cys; 4000 hp. turb. (stm.) Allis-C; 2600 hp. b. Stir, Erie.
Sells energy to city for lighting; Mexican crude oil, 75 cts.
C D L S 2 16

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Munic. Elec. Lt. & Wtr. Plant; office 30th & H Sts. Cost $50,000.
Mayor Lewis Fishes,
Trust Bldg., Galveston
Comr. H. O. Sappington
2218½ E St., "
Sec. & Treas. T. D. Lufkin.... "
*Supt. Elect. W. D. Masterson
30th & H Sts., "
Ch. Elecn. P. Duffy " "
Purchases energy from Brush Elec. Lt. & Pwr. Co., 10 rect. G. E. tot. 500 lt; a. c. day & nt. ltg. cir. 220-110 v. 60 cys.
136 city arcs inv; 557 street arcs; mdnt. oil $1.
D L X 16

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Galveston-Houston Elec. Co. Executive office, 147 Milk St., Boston, Mass. (Owns entire capital stock Galveston Elec. Co., Houston Elec. Co. and Galveston-Houston Elec. Ry. Co., which companies do the entire electric railway and a portion of the electric lighting and power business in Galveston, the electric railway business in Houston, and operate an interurban electric railway between Galveston and Houston, a distance of 50 miles.) (Pwr. plants at Galveston, Houston and League City, tot. cap. 6582 kw.); cap. outstg. $3,000,000 (pfd); $3,988,000 (com); no bds.
Pres. Marshall E. Phinney..Boston, Mass.
Sec. Chester M. Clark ...... "
Treas. H. B. Sawyer........ "
Gen. Mgrs. Stone & Webster
Mgt. Assn................ "
*Mgr. (Galveston Elec. Co.)
Alba H. Warren...............Galveston
Mgr. (Houston Elec. Co.)
David Daly......................Houston
Galveston Elec. Co. equip.; 2 d. c. G. E. tot. 650 kw. 550 v; 4 a. c. G. E. tot. 1325 kw. 2200-110 v. 2 ph. 60 cys; 1766 hp. e. F. & S, Penn; 1444 hp. b. Bab. & W.
C R S 2 ★26

**GARLAND,** 1,000 — Texas Pwr. & Lt. Co. See Dallas.

**GATESVILLE,** 1,929—Gatesville Elec. Lt. & Pwr. Co.; cap. $15,000; no bds.
*Pres. J. R. Raby...............Gatesville
V. Pres. & Sec. C. F. Caruth.. "
¶ Mgr. & Engr. Pwr. Sta.
J. A. Gilcreest................ "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. & mo. cir. 110 v. 60 cys; 75 hp. e. (gas) Minpls; 75 hp. (gas) pro. Smith,
City cont. 57 incs. 100 w. $— per yr; moonlt; all nt; coal $2.60.
D G L 3 93†

**GEORGETOWN,** 3,096 — Georgetown Wtr. & Lt. Plant (Munic.); cost $100,000; bds. $58,000.
*¶ Mgr. R. E. Ward............Georgetown
Engr. Pwr. Sta. J. Adams..... "
2 a.c. West. tot. 125 kw. 2400 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v.; 275 hp. e. Ideal; 300 hp. b. C. & H. Brnl.
70 city tung. series 100 c. p. $10 per yr; moonlt; coal $1.54. (Will install 125 kw. gen. and eng.)
D L S 2 ✢ 16

**GIDDINGS,** 1,500—The Giddings Cotton Oil Co: cap. outstg. $36,000; no bds.
*¶ Pres. & Mgr. J. D. Fields....Giddings
V. Pres. M. E. Seuhs............ "
Sec. J. W. Tate................. "
Supt. S. S. Moore............... "
1 a. c. G. E. 26 kw. 2300 v 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. mo. cir. 110-220 v; 75 hp. e. Atlas; 85 hp. b. Atlas.
Coal.
L S 3 16

**GILMER,** 1,484—Texas Public Service Co. (Gilmer Div.) For executive officers, see Mt. Pleasant.
Local Mgr. N. A. Levy..............Gilmer
Engr. Pwr. Sta. W. A. Smith....... "
1 a. c. Ft.W. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 225 hp. e. Minpl; 275 hp. b. C. & H; also ice plant.
City cont. series Mazdas 6.6 amp; all nt; coal $4.
D I L S 3 ✢ 16

**GOLDTHWAITE,** 1,129—Goldthwaite Lt. & Ice Co.; cap. $25,000.
Pres. B. F. Geeslin............Goldthwaite
*¶ V. Pres. Mgr. & Cont. Agt.
Edward Geeslin............. "
Sec. & Treas. J. F. Geeslin... "
Engr. Pwr. Sta. C. E. Mauldin "
1 d.c. West. 50 kw. 220 v; 110 hp. e. Atlas; Bckye; 100 hp. b. Erie; ice plant not operating.
City cont. 40 Mazdas 25 w. $12 per yr; all nt; lignite $1.86.
C I L S ✢ 26E

**GOLIAD,** 2,500 — Goliad Supply Co. cost $75,000; cap. outstg. $30,000.
*Pres. & Mgr. Edw. F. Glaze......Goliad
V. Pres. W. B. Campbell.......... "
Sec. W. O. Glaze.................. "
2 a. c. G. E, Wood, tot. 87½ kw. 2300 v. 3 ph. 60 cys; a. c. day (2 days and fan service in summer) & nt. ltg. cir. 110 v. 75 hp.e. Brnl; 55 hp. e. (oil) Snow; 180 hp. b. Brnl, Vogt. Also ice plant.
Oil $1.26.
D G I L S 3 ✢ 16

**GONZALES,** 3,139 — Citizens Elec. Lt. & Pwr. Co.; cap. $25,000; no bds.

Pres. J. D. Sayers..............Gonzales
V. Pres. J. S. Smeis............ "
*¶ Sec. Treas. & Mgr.
T. H. Spooner................. "
Supt. & Engr. Pwr. Sta.
J. M. Johnson................. "

5 a. c. G. E, West. Allis-C, tot. 850 kw. 2200 v. 2 & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 104-110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys; 250 hp. e. Murray; 300 hp. b.——; 1190 hp. turb. (wtr.) Lef.

City cont. 65 Mazdas $1.75 per mo; all nt.

D L S W 2 3 ✠ 25

**GORDON,** 800—The Gordon-Mingus Lt. Co; cap. $6,000.

*¶ Pres. Treas. & Mgr.
W. S. Dawson..................Gordon
V. Pres. Louis P. Strawn.........Strawn
Sec. H. S. Rucker................Mingus
Engr. Pwr. Sta. C. White.........Gordon

1 a. c. F. M. & Co. 20 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 25 hp. e (oil) F. M. & Co.

City cont. 9 Mazdas 100 w. $24 per mo; all nt. oil $1.15 per bbl. (Also lts. Mingus.)

G L 3 ✠ 16

**GRAHAM,** 1,569—Graham Electric Co.; cost $10,000.

*Mgr. W. F. Babb...............Graham
Engr. Pwr. Sta. B. P. Walker.. "

2 d. c. W. E, tot. 80 kw. 250 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 90 hp. e. Atlas, Clark; 100 hp. b. H. S. & G.

City cont. 26 Mazdas 60 w. 50 c. p. $18 per yr; all nt; slack $2.15.

C D L S ✠ 25

**GRANBURY,** 1,336 — Granberry Wtr. Ice, Lt. & Pwr. Co; cap. outstg. $30,000; bds. $12,000.

Pres. (Miss) Lulu Clouch.......Granbury
*¶ Sec. Mgr. & Ch. Engr.
J. E. Clouch.................. "
Treas. (Miss) Ruth Clouch...... "
Engr. Pur. Sta. E. C. Puryear.. "

1 a. c. gen. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; also ice plant.

City cont. $1 per lamp per mo; 11 P.M. and 4 A.M. to 7 A. M.; coal $1.35

I L S 1 ✠ §36

**GRAND PRAIRIE,** 1,000—Northern Texas Trac. Co. See Handley.

**GRAND SALINE,** 1,065—Grand Saline Elec. Co.; cap. $10,000.

Mgr. W. W. White..........Grand Saline
*Engr. Pwr. Sta. W.J.Shields "

2 a.c. Warren tot. 140 kw. 1100 v.s. ph. 133 cys; a. c. day (summer) & nt. ltg. cir. 110-220 v. 133 cys; 120 hp. e. Frost, Taylor; 145 hp. b. F. M. & Co., Atlas.

City cont. 20 incs. Carbon & Tung. $12 per yr; all nt; lignite 70 cts.

D L S 1 ✠ 23

**GRANDVIEW,** 1,110—Texas Pwr. & Lt. Co. (Cleburne Dist.) See Dallas.

Sub-sta; 300 kw. transf; day & nt. ltg. cir.

City cont. 39 Mazdas $12 per yr; mdnt.

D L X ✠ 26

**GRANGER,** 2,000—Granger Oil Mill.

Pres. Nelson K. Smith............Waco
Sec. & Treas. M. V. Smith........Belton
*¶ Mgr. & Cont. Agt. W. P. Young..Granger
Supt. Bert. Anderson............ "
Engr. Pwr. Sta. W. A. Thomas.. "

1 a. c. W. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. 3 ph. 60 cys; 125 hp. e. Ideal; 460 hp. b. Brnl.; also ice plant.

City cont. 6 incs. 50 c. p. $30 per yr; all nt; lignite $1.25.

D I L S 3 ✠ ★16

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Texas Pwr. & Lt. Co. (Temple Dist.) See Dallas.

**GRAPEVINE,** 681—Grapevine Lt. & Ice Co.

*Owners, Burrough & Harmon..Grapevine

1 a. c. F. M. & Co. 20 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; 25 hp. e. (oil) F. M. & Co; 120 hp. b; also ice plant.

City cont. 35 Tung. 40 w. $12 per yr; all nt; coal $2.95 & $3.05 per yr; oil 5½ cts.

D G I L 1 ✠ ★16†

**GREENVILLE,** 8,850—Munic. Electric Lt. & Pwr. Plant; bds. $62,506.

Mayor R. M. Chapman........Greenville
*¶ Mgr. J. H. Whatley......... "
Supt. H. L. McLow............ "
Ch. Engr. J. K. Woodard...... "
Engrs. Pwr. Sta. { P. L. Schott. "
{ J. W. Sims.. "

2 a.c. Allis-C. tot. 600 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 900 hp. e. Allis-C; 1000 hp. b. Allis-C.

48 city arcs Ft. W. & West. 450 w; 180 incs. West. 100 w; lignite $1.05 per ton. (Co. also lts. Peniel.)

D L S 1 3 25

**GROESBECK,** 1,454—Anglin Lt. Co. (Incorp.); cap. $6,000; no bds.

Pres. & Mgr. Z. Anglin.......Groesbeck
¶V. Pres. & Supt. Jno. Claireman "
*Sec. T. Batchelor.............. "
Supt. Jno. Clarimon............ "
Engr. Pwr. Sta. Wm. Rodgers.. "

1 d.c. Northern 50 kw. 220 v; no day cir; 60 hp. e. Atlas; 75 hp. b. Atlas.

Lignite $1.65.

C L S ✠ 11

**GROVETON,** 1,507—Groveton Lt. & Ice Co; cap. $25,000; no bds.

*Pres. & Treas. C. H. Kenley...Groveton
V. Pres Hayne Nelms.......... "
¶ Sec., Mgr. & Cont. Agt. S. L. Orr "
Engr. Pwr. Sta. J. T. Wills..... "

2 a. c. Warren, Tri. tot. 100 kw. 110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 200 hp. e. Texas State, Monarch; 200 hp. b. Erie, Texas State; also 15-ton ice plant (Wolf).

City cont. 60 Mazdas 60 w. $12 per yr; all nt; slabs $1.25.

D I L S 1 ✠ 14

**HALLETSVILLE,** 1,379—*Munic. Elec. Lt. & Wtr. Wks.; cost $30,000; bds. $12,000.

Supt. J. E. Buss..............Halletsville
Engr. Pwr. Sta.
T. J. Buchanan............. "

1 a. c. G. E. 62 kw. 110 v.s. ph. 60 cys; 130 hp. e. Murray, Cor; 225 hp. b. W. & W, Chattanooga.

All nt; coal $1.15.

L S 1 ✠ 14

**HAMILTON,** 1,548—Hamilton Light & Pwr. Co.

*Mgr. W. A. Haynes............Hamilton
Engr. Pwr. Sta. W. E. McKinney "

— a. c. G. E. 40 amp. 2300 v. s. ph. 60 cys; — d. c. Tri. 25 kva. 220 v; a. c. day & nt. (mdnt.) ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; d. c. day & nt. ltg. & mo. cir. 220 v; 100 hp. e. Cor; 125 hp. b.

City cont. 10 incs. series $42 per yr; mdnt. & 5 A. M. to daylt; coal $3.25.

C D L S 1 ✠ 75

**HAMLIN,** 1,978—Orient Consolidated Pure Ice Co.

Pres. N. A. Brown...............El Paso

V. Pres. & Mgr. E. S. Jones......Hamlin
*Sec. & Treas. Geo. A. Parks...... "
Ch. Engr. L. A. Ballard.......... "
1 a. c. F. M. & Co. 30 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 3 stm. e. — hp; 250 hp. b. —; also ice plant.
Slack $2.95
D I L S 2 ✣ 75

**HANDLEY**, 1,000 — Northern Texas Trac. Co. Office, Ft. Worth. (Gen. sta. in Handley.) (Controlled by Northern Texas Elec. Co.)
Pres. Marshall M. Phinney,
147 Milk St., Boston, Mass.
1st V. Pres. & Local Mgr.
Geo. H. Clifford.............Ft. Worth
2d V. Pres. Guy L. Weymouth,
147 Milk St., Boston, Mass.
Sec. Chester M. Clark...... " "
Treas. Henry B. Sawyer...... " "
Gen. Mgrs. Stone & Webster
Mgnt. Assn............... " "
Supt. V. W. Berry.............Ft. Worth
¶Pur. Agt. S. F. Wine ........ "
Elec. Engr. E. E. Nelson...... "
Engr. Pwr. Sta. E. L. White.....Handley
4 a. c. West, Allis-C tot 2800 kw. 390 v. 3 ph. 25 cys; 4200 hp. e. Cpr. H. O. & R; 5320 hp. b. Bab. & W; 8000 kva. turb. (stm.) West; trans. volt. 15,000 v. (Lts. Handley and Grand Prairie; sells energy to Arlington Lt. & Pwr. Co. and Tarrant County Trac. Co.)
R S 3 16

**HASKELL**, 2,436—Haskell Power Co. cap. $30,000; cost $50,000.
*Pres. F. M. Morton...............Haskell
V. Pres. J. S. Boone.............. "
Sec. & Treas. G. R. Couch......... "
Mgr. W. B. Murphy................ "
Ch. Engr. S. McDaniel............ "
Ch. Elecn. W. H. Murphy......... "
1 a. c. Ft. W. 100 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 150 hp. e. Cor; 150 hp. e. (gas) F. M. & Co.; 200 hp. b. Brnl; also ice plant (York).
City cont. 30 tung. all nt; coal $3.50; oil 3¼ cts.
D G I L S 3 ✣ 14

**HEARNE**, 2,352—Munic. Wtr. & Lt. Plant; bds. $40,000.
Mayor, P. L. Brady................Hearne
Sec. & Treas. W. W Bivin......... "
*Gen. Supt. H. D. Beaumont....... "
Engr. Pwr. Sta. M. Tungate........ "
1 a. c. G. E. 75 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. 2 & 3 ph. 60 cys; 100 hp. e. Brnl; 125 hp. b. C. H.
80 city Mazdas "C" 6.6 amp. 80 c. p. (74) and 250 c. p. (6) moonlt; lignite $1.45.
D L S 1 2 3 ✣ 16

**HEMPSTEAD**, 2,000—Hempstead Lt. & Pwr. Co.; cap. outstg. $10,000; bds. $3,000.
Pres. M. Schwarz...............Hempstead
¶Sec. & Treas. H. D. Schwarz "
*Mgr. J. C. Amsler.............. "
Engr. Pwr. Sta. A. P. Norwood "
1 a. c. G. E. 30 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 45 hp. e. Ames; 80 hp. b. Ames; 80 hp. e. (gas) Foos.
Lignite $1.60; gasoline 10 cts.
G L S 3 ✣ 25

**HENDERSON**, 1,536—Henderson Cotton Oil & Gin Co.; cap. $75,000.
Pres. & Mgr. J. C. Hickey..........Dallas
V. Pres. L. H. Evans...........Henderson
*Sec., Treas. & Asst. Mgr.
E. W. Vinson................ "
Supt. & Ch. Engr. O. E. Morris "
Engr. Pwr. Sta. L. Murphy... "
2 a. c. Stan. C.-W. tot. 150 kw. 2300 v. 2 ph. 60 cys; 1 d. c. Northern 5 kw. 110 v; a. c. & d. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 2200-110 v. s. & 2 ph. 60 cys; 400 hp. e. L. & B, Frick, Ball, Climax, Ide; 225 hp. b. C. & H, Erie; also 10-ton ice plant (Frick).
City cont. 100 carbon 75 cts. per mo; coal $1.40.
C D I L S 1 2 ✣ 16

**HENRIETTA**, 2,104—Northern Texas Utilities Co. For officers, see Dallas.
2 a. c. Warren, Hawthorne, tot. 125 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 104 v. s. ph. 60 cys; 150 hp. e. (gas) Bessemer, Hagan.
City cont. 4 arcs 2000 c. p. $120 per yr; 6 tung. 40 w. $30 per yr; moonlt; nat. gas 5 cts. per M.
D G L 1 3 ✣ 16

**HEREFORD**, 1,750—Hereford Elec. Lt. & Pwr. Co.; cap. $30,000.
*Owner, F. H. Oberthier.........Hereford
Engr. Pwr. Sta. J. H. Miller..... "
2 a. c. G. E., E. M. Co. tot. 160 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 125 hp. e. Nagle; 150 hp. b. Nagle.
City cont. 3 arcs 100 w. free; 1 arc 300 w. $72 per yr; moonlt; coal $4.
D L S 1 ✣ 16

**HICO**, 1,437—Central Texas Pwr. & Transmission Co; cap. outstg. $50,000.
Pres. V. F. Wieser..................Hico
¶ V. Pres. H. M. Wieser...........Dublin
*Sec., Treas. & Mgr. H. Gleason.....Hico
Audr. C. L. Woodward................ "
Ch. Engr. H. A. Dinter............... "
Engr. Pwr. Sta. J. C. Harrison....... "
3 a. c. G. E. Warren tot. 675 kw. 2200 v. 3 ph. 60 cys; trans. volt. 11,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; — kw. stm. turb. G. E. — hp. b. Heine, Atlas; ice plant (The Hico Ice & Cold Storage Co.).
City cont. 21 incs. "C" $75 per yr; all nt; slack $3. (Trans. to Dublin, Alexander and Iredell and sells in bulk to Fredrick Lt. & Pwr. Co. of Walnut Springs.)
D I L S 1 3 ✣ 16

**HILLSBORO**, 6,115—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Mgr. J. H. Calhoun............Hillsboro
Sub-sta: 3 transf. G. E. tot. 1200 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 260 incs. $9 and $18 per yr.; moonlt. (Supplies West, Abbott, Itasca, Milford, Frost, Brandon and Mertens.)
D L 3 ✣ 26

**HONDO**, 500—Hondo Lt., Pwr. & Ice Co.
Pres. Geo. Muemink ............Hondo
V. Pres. Fred Newman............ "
Sec. & Treas. J. M. Finger........ "
*¶ Mgr. & Cont. Agt.
A. G. Walker .................... "
Ch. Engr. M. Ruintero............ "
2 d. c. F. M. & Co. tot. 42½ kw. 220 v; d. c. nt. ltg. cir. 220 v; d. c. nt. mo. cir; 100 hp. e. Troy, Atlas; 150 hp. b. Vogt; also 10 ton ice plant.
City cont. 6 incs. 60 w; coal $2 to $3.50.
C I L S ✣ ★85

**HONEY GROVE**, 2,300—Honey Grove Ice & Elec. Co.
*Owner, Fritz Meiserer....Honey Grove
¶ Mgr. & Cont. Agt.
John Dannenhauer....... "
Engr. Pwr. Sta. J. Webster. "
3 a. c. West. tot. 200 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 250 hp. e. Frick, Ideal; 50 hp. e. (gas) F. M. & Co; 240 hp. b. Atlas; also 20-ton ice plant.
City cont. 50 carbon 32 c. p. $18 per yr; coal $2.50; oil 4¾ cts.
G I L S 1 ✣ 23

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Texas Pwr. & Lt. Co. (Bonham Dist.) See Dallas.

**HOUSTON**, 110,000—Houston Ltg. & Pwr. Co. 1905. Office, Electric Bldg., 1201 Capitol Ave. (As of April 1, 1914, purchased the Elec. Lt. Dept. of the Houston Heights Wtr. & Lt. Co.) (Controlled by the American Cities Co.); cap. $2,000,000; bds. $1,485,000.
Pres. E. B. Parker..............Houston
*V. Pres. and Gen. Mgr.
S. R. Bertron, Jr.............. "
¶Sec. & Treas. Robt. Duerer...... "
Audr. R. E. Lee .................. "
Cont. Agt. H. N. Bates......... "
Gen. Supt. Frank G. Frost ..... "
Supt. Ovhd. Distrbn. J. R. Beaty "
Supt. Undgrd. W. R. Salter .... "
Ch. Engr. W. A. McDonald .... "
Engr. Pwr. Sta. Chas. E. Blattner
Gabel St. & G. H. & H. R. R. "

5 a. c. G. E, Allis-C. tot. 12,200 kw. 2200 v. 3 ph. 60 cys; 3 d. c. G. E. tot. 1100 kw. 500 v; 10 rect. G. E. tot. 500 lt; 8 arcs. G. E. tot. 800 lts; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 118-236 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 550 v; 1600 hp. e. R. & S. 11,000 kw. stm. turb. Allis-C. G. E; 4050 hp. b. Bab. & W.

City cont. 431 a. c. arcs 4 amp. undergrd. $60 per yr; 696 a. c. arcs. 6.6 amp. overhd. 57.50 per yr; all nt; oil 75 cts. per bbl. (Co. also serves Houston Heights, Brunner, Central Park, Magnolia Park, Harrisburg and Brookline; sells energy in bulk to Gem Elec. Co., Bellaire, Sunset Heights Wtr. & Lt. Co. and Park Place Wtr. & Lt. Co.)
C D L S 1 3 ★16

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Park Place Wtr. & Lt. Co.
Pres. Louis Fogle ..................Houston
Sec. E. A. Elmen................... "
Treas. Jno. W. Hazard ........... "
Energy purchased from Houston Ltg. & Pwr. Co. 190 5.
L §26†

**HOUSTON HEIGHTS**, 10,000—Houston Ltg. & Pwr. Co. 1905. See Houston.
Energy from Houston; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 118-236 v s. & 3 ph. 60 cys.
City cont. 251 Mazdas "C" 100 c. p. (30) and 60 c. p. (221) $18 per yr; all nt.
D L 1 3 ✣ 16

**HOWE**, 581—Texas Pwr. & Lt. Co. (McKinney Dist.)
See Dallas.
a. c. day & nt. ltg. cir. 127 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.
D L 3 16

**HUBBARD CITY**, 1,843—Union Central Lt. & Ice Co.; cap. $50,000; no bds.
¶ Pres. Mgr. & Cont. Agt
W. A. Bass................Hubbard City
V. Pres. W. A. Wood....... "
*Sec. E. J. Gary............ "
Engr. Pwr. Sta. A. M. Cole.. "
4 d. c. Am. Northn Allis C. tot. 920 amp. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 350 hp. e. Am, Sknr; 350 hp. b. Ames, Phoenix.
City cont. 3 arcs 1200 c. p. & 25 incs. 16 c. p. tot. $480 per yr; moonlt; lignite $1.65. (Co. also lts. Mt. Calm, Dawson, Coalridge and Malone.)
C D L S ✣ 23

**HUMBLE**, 1,000—Humble Wtr., Lt. & Ice Co.; cap. $9,000.
Owner. N. J. Peters..............Humble
*Mgr. F. A. Peters.............. "
2 d. c. W. E. tot. 336 amp. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 75 hp. e. Ideal; 130 hp. b. Erie; 30 hp. e. (oil) Munsey; also 8-ton ice plant York.
Shavings $1.75 per day; oil 90 cts.
C D G I L S ✣ ★16

**HUNTSVILLE**, 2,072—Huntsville Elec. Lt. & Pwr. Co. (Operates in conjunction with Huntsville Ice Co.); cap. outstg. $12,000; bds. $6,150.
Pres. C. G. Barrett...............Huntsville
V.Pres. J. G. Ashford......... "
Sec. W. S. Gibbs.............. "
Treas. G. A. Wynne........... "
*¶ Cont. Agt. & Mgr.
C. H. Robinson.................. "
Engr. Pwr. Sta. Jack Wells... "
2 a. c. F. M. & Co. G. E. tot. 200 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v; 325 hp. e. Mur. Cor; 350 hp. b. Mur.
City cont. 51 incs. 16 c. p. $18 per yr; moonlt; lignite $1.40.
D I L S 3 ✣ 16

**ITALY**, 1,500—Texas Pwr. & Lt. Co. (Waxahachie Dist.).
See Dallas.
Sub-sta: 600 kva. transf; day & nt. ltg. & mo. cir.
City cont. 41 tung. 60 w. $15 per yr; moonlt.
D L X ✣ 26

**ITASCA**, 1,400—Texas Pwr. & Lt. Co. (Hillsboro Dist.).
See Dallas.
Sub-sta.: 3 transf. G. E. tot. 450 kva.
City cont. 69 incs. all nt.
L X ✣ 26

**JACKSBORO**, 1,480—Jacksboro Ice & Lt. Co.; cap. $40,000.
*Pres. J. G. Brown.............Jacksboro
V.Pres., Sec., Treas. & Mgr.
H. Hensley....................... "
Engr. Pwr. Sta. M. J. Smith.. "
1 a. c. West. 60 kw. 2400 v. 3 ph. 60 cys; a. c. (12 hrs.) ltg. cir. 110 v. 60 cys; a. c. mo. cir. 3 ph. 60 cys; 2 (oil) e. — hp. Muncie.
City cont. 200 incs. $100; 11 P.M.; wood $2; coal $1.70; oil $1.30.
G L 3 ✣ 113

**JACKSONVILLE**, 4,500—Jacksonville Ice & Elec. Co; cap. outstg. $70,000; bds. $60,000.
Pres. Chas. A. Zilker.........San Antonio
Sec. Wm. L. Herff............Jacksonville
*¶Treas. Mgr. & Cont. Agt.
A. W. Wallace................ "
Audr. H. E. Gordon & Co............Dallas
Gen. Supt. & Ch. Engr.
F. B. Wallace..............Jacksonville
Engr. Pwr. Sta.
Jas. Dickman................. "
3 a.c. West, Allis-C. tot. 355 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220; a. c. day & nt. mo. cir. 110-220 v; 240 hp. e. Atlas; 450 hp. b. Frick, Atlas; 240 hp e. (oil) Diesel; also 60-ton ice plant (Columbus).
City cont. 170 series Mazdas 6.6 amp. 40 & 80 c. p. $15 and $30 per yr; all nt; lignite $2; oil $1.60 per bbl.
D G I L S 3 ✣ 104

**JEFFERSON**, 2,515—Jefferson Ice & Lt. Co. (Owned by American Public Service Co.): cap. $30,000.
Pres. & Mgr. P. W. Campbell...Jefferson
V. Pres. A. V. Wainright .......Abilene
Sec. & Audr. R. D. Smith......... "
Treas. S. W. Baldwin......Orange, N. J.
Consltg. Engr.
H. E. Mole........ New York, N. Y.
¶ Pur. Agt. H. G. Haynie.........Abilene
1 a. c. Warn. 60 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 112 v; 200 hp. e. Ham. Cor; 200 hp. b. C. & H. York; also ice plant. Energy also from Marshall Elec. Co.
City cont. 53 incs. series 4.4 amp. 32 c. p. $12 per yr; all nt; lignite and wood.
D I L S 1 ✣ 95w

**JOURDANTON,** 1,100—Atascosa Ice, Wtr. & Lt. Co.
Mgr. S. B. Hitchcock..........Jourdanton
*Engr. Pwr. Sta. W. M. Avant "

2 a. c. G. E. tot. 150 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v; 350 hp. e. Ball, York; 300 hp. b. Brnl; also ice plant (York.)

City cont. 50 magn. arcs 4 amp. $114 per yr; all nt; coal $2.25.

D I L S 3 ✠ 23

**KAUFMAN,** 1,959—Kaufman Elec. Lt. Co.; cap. outstg. $25,000; no bds.
*¶ Pres. M. A. Joy..................Terrell
V. Pres. & Cont. Agt. E. D. Kelley "
Sec. & Treas. A. Halonquest...... "
Mgr. William Joy..................Kaufman

4 d. c. G. E. tot. 150 kw. 110 v; d.c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 175 hp.e. Atlas; 200 hp. b. Atlas, O'Brien.

City cont. 45 Mazdas 40 w. $12 per yr; all nt; lignite $1.29.

C D L S ✠ ★16

**KEMP,** 739—Kemp Elec. Lt. Co.; cap. $3,000.
*Pres. & Mgr. Roy R. Reierson....Kemp
V. Pres. P. H. Crook..................Baird
¶ Treas. W. A. Donnell...............Kemp

1 d. c. West. 17½ kw. 120 v; no day cir; 32 hp. e. F. M. & Co.

C L S ✠ 75

**KENEDY,** 1,147—Kenedy Elec. Lt. Co. (Owners, D. D. McAda & J. D. Autry.)
*Mgr. D. D. McAda.................Kenedy
Engr. Pwr. Sta. Bud Waddle...... "

1 a. c. F. M. & Co. 37½ kva. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v; 50 hp.e. (gas) F. M. & Co.

City cont. 26 Mazdas 60 w; all nt; distillate 5¾ cts.

D G L 3 14

**KERENS,** 945—Kerens Elec. Lt. & Pwr. Co.; cost. $18,000; no bds.
Pres. J. E. Simmons..................Kerens
V. Pres. W. S. Price.............. "
Sec. J. M. Daniel...................... "
Treas. W. T. Stockton............ "
*Mgr. S. E. Bergstrom............ "

Purchases energy from Corsicana Gas & Elec. Co.; 5 transf. G. E. tot. 185 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys.

City cont. 27 incs. series 4 amp. 100 c.p. $36 per yr; all nt. (Co. also lts. Powell.)

D L 3 ✠ 75

**KERRVILLE,** 1,843—Kerrville Elec. Lt., Ht. & Pwr. Co.; cap. $10,000.
*Pres. & Mgr. T. Holdsworth...Kerrville
¶ Sec. & Treas. R. Holdsworth. "

1 a. c. Ridgeway 75 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 108 hp. e. Ridgeway; 125 hp. b. C. & H; also 6-ton ice plant.

City cont. 43 incs; all nt; moonlt.

I L 3 75

**KILLEEN,** 1,265—City Lt. & Pwr. Co.; cap. $10,000; no bds.
Pres. Will Rancier.....................Killeen
*Sec. & Treas. Sam Rancier...... "
¶Mgr. & Cont. Agt. F. E. Grubbs. "

2 d. c. Ft. W, tot. 72½ kw. 250 v; d.c. nt. ltg. cir. 140 w. 220 v; 70 hp.e. C. & T; 85 hp. b. C. & T; also ice plant.

City cont. $102 per yr. for 4-32 c.p. incs; all nt; lignite $2.

C I L S ✠ ★16

**KINGSVILLE,** 450—Texas Southern Elec. Co. (Successor to Kingsville Pwr. Co.) For executive officers see Victoria.
Supt. A. L. Kleberg............Kingsville

3 a.c. W. E, C-W. tot. 475 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 100 hp. e. (gas) Rath, J.; 100 hp. gas pro. Smith; 200 hp. b. W. & W.; also ice plant

City cont. 242 Mazdas 40 & 60 w; 11 P. M; crude oil & lignite. (11,000 v. 3 ph. transmission line connecting this station with Bishop.)

D G I L S 3 ✠ 25

**LADONIA,** 13,000—Texas Pwr. & Lt. Co. (Bonham Distr.) See Dallas.

**LA GRANGE,** 1,850—Elec. Lt. & Wtr. Works.
*Owner & Mgr. Jno. H. Killough
La Grange

2 a. c. G. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 200 hp. e. Allis-C, Murray; 200 hp. b. Murray, Ames.

City cont. 85 incs. 40 w. $12 per yr; moonlt; coal $1.

D L S 1 3 ✠ 82

**LAMPASAS,** 2,119 — Lampasas Lt. & Pwr. Co.: cap. $20,000.
Owner, E. F. Haby, Jr.........Lampasas
V. Pres. Tom Alexander........ "
*Mgr. Emil Haby, Sr........... "

2 a. c. G. E, W. E. tot. 125 kw 110 v. s. & 3 ph. 60 cys; a. c. day (in summer) & nt. ltg. cir. 110 v; 230 hp. e. Payne; 225 hp. b. Atlas.

City cont. 95 Mazdas 40 c. p. $12 per yr; all nt; lignite $1.78.

D L S 1 3 ★16

**LANCASTER,** 1,115—Texas Pwr. & Lt. (Waxahachie Dist.) Co. See Dallas.

**LA PORTE,** 678—La Porte Wtr., Lt. & Ice Co.; cap. outstg. $20,100; bds. $5,000.
*¶ Pres. Mgr. Audr. & Cont. Agt.
Phil J. Pfeiffer..................La Porte
V. Pres. J. U. Stabler............ "
Sec. & Treas. E. F. Sayers....... "
Ch. Engr. Pwr. Sta. R. G. Gish "

1 a. c. Elec. Mch. 90 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 60 hp. e. (oil) Pwr, Mfg. Co.

City cont. 26 Mazdas 250 w. $30 per yr; crude oil 90 cts. per bbl. (Co. also lts. Sylvan Beach.)

D G L 1 3 ✠ 16

**LAREDO,** 14,855—Laredo Elec. & Ry. Co. (Controlled by Morrison & McCall, St. Louis, Mo.); cap. $100,000; bds. $150 000; cost $268,000.
Pres. R. W. Morrison.. } Chemical Bldg.,
V. Pres. A. L. Kenyon. } St. Louis, Mo.
Sec. & Treas. H. E. Ellsworth
San Antonio
Mgr. Jno. B. Morton.................Laredo
¶Cont. Agts. Morrison & McCall
Chemical Bldg., St. Louis, Mo.
Engrs. Pwr. Sta. } G. F. Bumpers......Laredo
} H. R. Rockwell...... "

3 a. c. W. E, G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; 2 a. c. Allis-C tot. 320 kw. 2,300 v. 3 ph. 60 cys. direct connected to 440 hp. e. (oil) Allis-C. Diesel: 2 d. c. G. E. tot. 200 kw. 550 v: 1 rect. West. 22 kw; a. c. day & nt. ltg. cir. 113 v; a. c. day & nt. mo. cir. 2300 v; 1100 hp. e. McI. & S, H. O. & R; 350 kva. e. (gas) Rath, J; 1100 hp. b. Heine, Keeler; 1100 hp. turb. (wtr.)

City cont. 350 Mazdas 32 c. p. $16.80 per yr; all nt; coal $1.29. (Trans. to Neuva Laredo, Mex.)

C D G L S W 3 ✠ ★16

**LEONARD,** 990—Elec. Lt. & Ice Co.; cap. auth. & pd. in, $20,000.
Pres. Y. T. Manning...............Leonard
V. Pres. W. S. Neale............. "
*Sec. & Treas. W. C. Evans...... "
Mgr. J. W. Cobb.................. "
Ch. Engr. W. J. Storry........... "
Ch. Elecn. O. H. Black.......... "

2 d. c. Northn. tot. 220 v; 80 hp. e. F. M. & Co.; 160 hp. b. F. M. & Co.

City cont. incs. 32 c. p. $300 per yr; coal.

C L S ✠ 37

**LEWISVILLE,** 698—Lewisville Lt. & Pwr. Co.; cap. $2,000; no bds.

*Pres. W. W. Sherrill.........Lewisville
V. Pres. J. M. Hendrix.......... “
Sec. & Treas. Ernst Travelstead “
Mgr. Otis E. Wyatt.............. “

1 d. c. Northn. 25 kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 25 hp. e. (gas) F. M. & Co.

City cont. 12 incs. 56 c. p. $9 per yr; moonlt; naphtha 9½ cts.

C G S ✠ 23

**LIVINGSTON,** 865—Livingston Mfg. Co; cap. outstg. $15,000.

Pres. L. T. Sloan..................Liberty
*V. Pres. Sec. Treas. & Mgr.
A. J. Sloan..................Livingston

2 d. c. Roth. tot. 35 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 30 hp. e. Atlas; 20 hp. e. (gas) F. M. & Co.; 30 hp. b. Atlas.

City cont. 31 Mazdas 100 w. $36 per yr; moonlt; lignite $1.55 & distillate 4 cts.

C D G L S ✠ 16

**LLANO,** 1,687—Llano Milling & Mfg. Co.; cap. $30,000

Pres. A. J. Zilker....................Austin
V. Pres. Geo. E. Shelley............ “
Sec. & Treas. N. D. Smith......... “
*¶ Mgr. Lee Jernigan..............Llano
Ch. Elecn. E. K. Rogan............ “

1 a. c. Allis C. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Ft. W. 25 kw. 220 v; a. c. day & nt. ltg. cir. 100 v. 60 cys; a. c mo. cir. 100 v. s. ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 220 v; 125 hp. e. Brnl; 180 hp. turb. Lef: 200 hp. b. Atlas.

City cont. 33 Tung. $13.80 per yr; all nt. lignite $1.77.

C D L S W 1 3 ✠ 94E

**LOCKHART,** 2,945—Southern Utilities Co. Principal office, 714 Gunter Bldg., San Antonio. (In August, 1915, purchased property of the Lockhart Wtr. Wks.

Pres. W. B. Tuttle..........San Antonio
V. Pres. F. G. Chamberlain “
Mgr. Frank E. Scovill..........Lockhart
Supt. E. Andrewartha............ “
Engr. Budd Monroe............... “

2 a. c. West. tot. 160 kw. 2400 v. 3 ph. & 1100 v. s. ph. 60 cys; 1 d. c. G. E. 25 kw. 250 v; d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 175 hp. e. Murray; 300 hp. b. Murray; also ice plant.

City cont. 75 Mazdas 40 w. $12 per yr; all nt; lignite $1.50.

C D I L S 1 3 ✠ ★16

**LOCKNEY,** 750—Lockney Lt. & Pwr. Co. (In 1915, purchased by Malone Lt. & Ice Co. of Plainview.) cost $5,000.

Mgr. L. A. Holland..............Lockney
Engr. E. Waller.................... “

1 a. c. F. M. & Co. 30 kw. 1150 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 115 v. 60 cys; 40 hp. (gas) e. Lambert.

City cont 4 arcs A. B. $90 per yr; mdnt; naphtha 11 cts.

G L 2 ✠ 45w

**LONGVIEW,** 5,155—Longview Ice & Lt. Co. Office, 122 Fredonia St.; cap. outstg $75,000; bds. $40,000. (Control acquired, in 1915, by American Public Service Co.)

Pres. C. W. Dawley....McAllister, Okla.
V. Pres. P. G. Whaley............Marshall
Sec. W. L Martin................. “
Treas. E. Key..................... “
¶Mgr. & Cont. Agt.
F. A. Matthes..................Longview
Ch. Engr. Pwr. Sta. J. E. Rule. “

3 a. c. Ft. W. West. W. E. tot. 450 kw. 2300 v. 3 ph. 60 cys; 3 d. c. Ft. W. West, C.-W. tot. 24 kw. 110 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 385 hp. e. Ball, Cor, Sknr; 225 hp. e. (gas) Diesel, Sulzer; 550 hp. b. Heine, C. & T; also 40-ton ice plant (Wolf).

City cont. 3 arcs G. E, lum. 1000 c. p; 80 incs; 30 5-lt. posts tung. 60-100 w; moonlt; lignite, oil.

D G I L S 1 3 ✠ 65d

**LORAINE,** 633—West Texas Elec. Co. See Sweetwater.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.

D L 3 26

**LUBBOCK,** 1,938—Lubbock Lt. & Ice Co. (In 1915, purchased by Malone Lt. & Ice Co. of Plainview.) Cap. $25,000; no bds.

Pres. W. D. Benson.............Lubbock
V. Pres. N. R. Porter........... “
Sec. S. P. Robbins............... “
Treas. & Mgr. R. C. Burns...... “
Engr. Pwr. Sta. R. R. Miller.... “

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Nagle, Ridge; 250 hp. b. C. & H; also 30 ton ice plant (Triumph).

City cont. 6 arcs A. B. 7 amp. $100 per yr; 200 Mazdas 20 cts. per kw; coal $3.95.

I L S 3 45w

**LUFKIN,** 2,749—Lufkin Elec. Lt. & Pwr. Co.; cap. $22,000; no bds.

*Pres. W. P. Berry.................Lufkin
V. Pres. W. R. McMullen......... “
Sec., Treas. & Mgr. N. D. Shands “
Ch. Engr. G. M. Johnson.......... “
Engr. Pwr. Sta. L. G. Trawick... “

2 a. c. G. E., Allis-C. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 104 220-2300 v. 3 ph. 60 cys; 375 hp. e. Flemg; Ridg; 300 hp. b. H. S. & G; steam heating.

City cont. 10 Mazdas 250 w. $84 per yr; all nt; wood $1.85.

D H L S 3 ✠ 74

**LULING,** 1,404—Luling Elec. Lt. & Pwr. Co. (Gen. sta. 1 mile so. of city.)

Pres. F. Zedler..................... Luling
¶ V. Pres. Mgr. & Cont. Agt.
H. Zedler........................ “
*Sec., Treas. & Ch. Engr.
Chas. Zedler..................... “

1 a. c. Elec. Mch. 90 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 300 hp. e. Mur; 170 hp. turb. (wtr.) Lef; 60 hp. b. C. & H.

City cont. 10 incs. 32 c. p. $12 per yr; moonlt; wood $3.25.

D L S W 3 ✠ ★16

**McGREGOR,** 2 000—Texas Pwr. & Lt. Co. (Temple Dist.) See Dallas.

**McKINNEY,** 4,714—McKinney Ice, Lt. & Coal Co.; cap. $68,200.

*Pres. & Mgr. Geo. T. Cobb...McKinney
V. Pres. J. S. Heard............ “
Sec. Wm. Ware.................. “
Treas. J. L. Lovejoy............ “
Engr. Pwr. Sta. R. J. Morris.. “

2 a. c. Allis-C, tot. 260 kw. 2300-110 v. 2 ph. 60 cys; 1 d. c. G. E. 75 kw. 220 v; d. c. day cir. 220 v; a. c. day cir. 110 v; pwr. cir. 250 v; 250 hp. e. Rus; 350 hp. b. Heine. Coal $2.75.

C D I L S 2 ✠ 16

Texas Pwr. & Lt. Co. (Purchased Munic. Wtr. & Lt. Dept.) See Dallas.

2 a. c. West, C. W. tot. 150 kw. 2250 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 250 hp. e. Sknr, Erie; 375 hp. b. Brnl.

City cont; moonlt; coal $2.42. (Supplies Van Alstyne, Plano, Melissa, Howe, Allen, Richardson and Anna.)
D L S 1 2 ✢ ★16

**MARBLE FALLS,** 1,061—Marble Falls Wtr. & Pwr. Co. (Owner M. H. Reed, Austin.)
*Lessee, M. M. Berry.......Marble Falls
1 a. c. G. E. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 165 hp. wtr. wh. Lef.
D L W 3 ✢ 35

**MARFA,** 494—Marfa Elec. Lt. & Ice Co.; cap. $15,000; no bds.
Pres. W. H. Cleveland..............Marfa
V. Pres. L. C. Brite................. "
*Sec., Treas. & Mgr. R. A. Kyle..... "
Ch. Engr. E. H. Jones .............. "
2 a. c. F. M. & Co. — kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 130 hp. (oil) e. F. M. & Co.; also 5-ton ice plant (York).
Solar oil 5 cts. per gal.
D G I L 3 ✢ 25

**MARLIN,** 3,873—Marlin Ice & Elec. Lt. Co.; cap. $130,000.
*Pres. Mgr. & Cont. Agt.
I. J. Nathan ....................Marlin
V. Pres. T. A. Cheeves............ "
Sec. & Treas. N. D. Naman....... "
Engr. Pwr. Sta. J. A. Muhl.... . "
2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 35 kw. 110-220 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 110-220 v; 550 hp. e. Rus, H. M. & B; 500 hp. b. Erie, York; also 35-ton ice plant (York).
City cont. 5 arcs $120 per yr; 130 Tung. series 32 c. p. $18 per yr; all nt; coal.
C D I L S 1 3 ✢ 23

**MARSHALL,** 11,452 — Marshall Elec. Co. (Owned by American Public Service Co.)
Pres., & Mgr. C. H. Naendall...Marshall
V. Pres. A. V. Wainright ........Abilene
Sec. E. S. Fry....................Marshall
Treas. S. W. Baldwin......Orange, N. J.
Audr. R. D. Smith................Abilene
¶Pur. Agt. H. G. Haynie......... "
Consltg. Engr.
H. E. Mole............New York, N. Y.
Ch. Engr. Geo. B. McDonald....Marshall
3 a.c. G. E., Ft. W. tot. 900 kw. 2300 v. 3 ph. 60 cys: 1 d. c. C-W. 125 kw. 550 v; a. c. day ltg. 112 v; a. c. day & nt. mo. cir. 110-220 v; 350 hp. e Ball; 300 hp. e. (gas) Sheffield; 650 hp. b. Heine; 500 kw. stm. turb. G. E.; also ice plant.
City cont. 15 arcs series enc. 430 w. $78 per yr; 249 Mazda series 32 c. p. $12.50 per yr; all nt; gas 10 cts. (Sells energy in bulk to Marshall Trac. Co. and Jefferson Ice & Lt. Co.).
C D G I L S 3 ✢ 95w

**MART,** 2,939—Home Lt. & Pwr. Co; cap. $25,000.
Pres. & Treas. J. B. Earle...........Waco
V. Pres. C. A. Boynston............ "
*Sec. & Mgr. T. F. Kennedy........Mart
Supt. M. L. Elliott.................. "
Engr. Pwr. Sta. B. F. Janes........ "
3 a. c. G. E, West. tot. 425 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-110 v. s. & 3 ph. 60 cys; 150 hp. e. H. & T; 540 hp. b. Heine C. & H; 100 hp. gas pro. F. M. & Co.; also 25-ton ice plant.
City cont. 8 Tung. 60 w. $24 per yr; all nt; lignite $1.40 and 95 cts.
D G I L S 1 3 24

**MARTINDALE,** 500—*A. H. Smith.
Engr. Pwr. Sta. Greely Byars, Martindale
2 d. c. G. E. tot. 38 kw. 110 v; d.c. nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 110 v.; 100 hp. e. Mur; 100 hp. b. Mur. 120 hp. turb. (wtr.) Lef.
City cont. 20 incs. Edison 16 c. p. $3 per yr; all nt; coal $6.35.
C D L S W ✢ 16

**MASON,** 935—Mason Ice & Pwr. Co.; cap. $14,000; no bds.
*Pres. Mgr. & Ch. Engr.
F. C. Beyer............Mason
V. Pres. D. F. Lehmberg.......... "
Sec. & Treas. B. P. Jordan ...... "
1 d. c. G. E. 30 kw. 220 v; d. c. nt. lt. (day in summer for fans) cir. 220 v; 70 hp. e. Atlas; 70 hp. b. Brnl; also ice plant, cotton gin and corn mill.
Wood $3.00.
C D I L S ✢ 16

**MAYPEARL,** 1,000—Texas Pwr. & Lt. Co. (Waxahachie Dist.) See Dallas.

**MEMPHIS,** 2,500 — Memphis Ice & Elec. Co.; cap. $24,500; no bds.
Pres. W. G. Swenson.............Abilene
V. Pres. W. A. Johnson........Memphis
Sec. & Treas G. A. Smith......Childress
*¶ Mgr. & Cont. Agt.
E. T. Thomas....................Memphis
Engr. Pwr. Sta. J. A. Pressley.. "
2 a. c. G. E., West. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 250 hp. e. Ide, Cor; 200 hp. b; also ice plant (Triumph.)
City cont. 33 inc. series 80 c. p. $30 per yr; moonlt; oil 96 cts. per bbl.
D I L S 1 3 25

**MERKEL,** 2,008 — Merkel Elec. Co;
*Owner & Mgr. W. E. Britain......Merkel
Ch. Engr. C. L. Evans.............. "
1 a. c. F. M. & Co. 40 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. & mo. cir 110 v; 50 hp. e. (gas) F. M. & Co.
City cont. 19 Mazdas 60 w. $12 per yr; moonlt; solar oil 5 cts.
G L 1 ✢ 25

**MEXIA,** 2,694-*Munic. Wtr., Lt. & Sewerage Plant.
¶Treas. Mgr. & Cont. Agt.
C. H. Brannon.....................Mexia
Engr. Pwr. Sta. John Edwards .... "
1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100 v.; a. c. day & nt. mo. cir. 110 v; 165 hp. e. Sknr; 250 hp. b. Brnl.
City cont. 1 arc 7.5 amp. $120 per yr; 25 incs. 50 c. p. $24 per yr; all nt; lignite $1.30.
D L S 3 ✢ 23

**MIDLAND,** 2,192—Midland Lt. & Ice Co.; cap. $15,000; no bds.
Pres. Geo. D. Elliott...............Midland
V. Pres. Jax M. Cowden.......... "
Sec. & Treas. C. Scharbauer...... "
*¶ Mgr. & Cont. Agt.
A. B. Coleman.................. "
Audr. J. A. Battle ................ "
Engr. Pwr. Sta. C. Alexander.... "
2 a. c. F. M. & Co. tot. 75 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v: a. c. nt. mo. cir. 110 v. s. ph. 60 cys; 150 hp. e. (gas) F. M. & Co.
City cont. 5 Mazdas 100 c. p. $60 per yr; all nt; oil 4 cts.
G L 1 3 ✢ 75

**MIDLOTHIAN,** 868—Midlothian Ice, Water & Light Co. Cost $40,000
Owners *Mgr. Chas. J. Muller, Midlothian
J. G. Muller.... .... "
Ch. Engr Chas. Lawson...... "
2 d. c. Northn. tot. 50 kw. 250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 50 hp. e. (gas) F. M. & Co; 65 hp. gas pro. F. M. & Co; 50 hp. e. (oil) F. M. & Co; also ice plant.
City cont. 50 Mazdas 40 w. $12 per yr; all nt; lignite $1.65; distillate oil 5 cts. per gal.
C D G I L ✢ ★16

**MILFORD,** 1,000—Texas Pwr. & Lt. Co. (Hillsboro Dist.) See Dallas.

**MINGUS,** 1,000 — The Gordon-Mingus Lt. Co. See Gordon.

**MINEOLA,** 1,706 — Mineola Ice, Lt. & Wtr. Co.; cap. $40,000.
Pres. Dr. A. S. Cochrane..........El Paso
V. Pres. J. P. Kittrell..............Terrell
*¶ Sec., Treas. & Mgr.
C. M. Dozier.....................Mineola
Audr. M. N. Strange...............Terrell
Ch. Engr. Pwr. Sta. W. S. Collins, Mineola
2 a. c. Ridgeway tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 125 hp. e. Ridg; 250 hp. b. Frick & C. H; 90 (gas) e. Rath, J; 100 hp. gas pro. Smith; also 20-ton ice plant (Frick.)
City cont. 40 Mazdas 6 cts per kw. hr; all nt; lignite $1.22.
D G I L S 1 3 ✠ 25

**MINERAL WELLS,** 3,950—Mineral Wells Elec. Co.; cap. outstg. $65,000; no bds.
Pres. Percy Jones...................Abilene
V. Pres. J. E. Willis.............Ft. Worth
Sec. D. T. Bomar.................. "
*¶ Gen. Mgr. & Cont. Agt.
A. H. Guinn..............Mineral Wells
Ch. Engr. W. R. Stevens... "
3 a.c. West., Ridgway tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. Ridgway, Ball; 750 hp. b. Keeler; also 30-ton ice plant Wolf.
City cont. 10 arcs street series 6.6 amp. 400 c. p. $90 per yr; 121 inc. street series 60 c. p. $18 per yr; all nt; oil 88¾ cts. per bbl.
D I L S 13 ★16

**MONTAGUE,** 284—Montague Tel. & Lt. Service; cost $3,000.
Prop. Jno. R. Church...........Montague
1 d. c. 110 v; d. c. nt. ltg. cir. 110 v; 20 hp. e. (oil) F. M. & Co.
City cont. hrs; oil.
C G L ✠ §115

**MOODY,** 1,000—Texas Pwr. & Lt. Co. (Temple Dist.) See Dallas.
City cont. 12 carbon 16 c. p. $12.50 per yr; all nt.
L ★26

**MT. PLEASANT,** 3,137—Texas Public Service Co. (Co. has taken over the properties of the following companies: Bay City Ice & Lt. Co., Gilmer Lt. & Ice Co., Mt. Pleasant Elec. Co. and Vernon Lt. & Pwr. Co.) Pwr. stas; Bay City, Gilmer, Vernon, and Mt. Pleasant. (Owned and operated by Albert Emanuel, Dayton, O.)
Gen. Mgr. Albert Emanuel..Dayton, Ohio
*Cont Agt. L. A. Pettit, Jr... "
Audr. H. L. Lause.......... "
Engr. & Asst. to Cont. Agt.
H. G. Hopkins............ "
Local Mgr. C. A. Bergen...Mt. Pleasant
Engr. Pwr. Sta. R. A. Mock.. "
2 a. c. West. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c day & nt. mo. cir. 220 v. 3 ph. 60 cys; 380 hp. e. Chuse; 425 hp. b. C. & H; also ice plant.
City cont. —— series Mazdas 6.6 amp; all nt; coal $3.85.
D I L S 3 ✠ 16

**NACOGDOCHES,** 3,369—City Lt. & Pwr. Dept. (Munic.); cap. $30,000; bds. $15,000.
Sec. & Treas. D. L. Thomas, Nacogdoches
*Mgr. Carroll Holt.......... "
Engr. Pwr. Sta. Lee Williamson "
2 a. c. Wagner, tot. 250 kw. 1100 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 220 v; 210 hp. e. Skinr, Chuse; 290 hp. b. Erie.
City cont. 144 incs. 60 c. p. $21 per yr; moonlt; coal 90 cts.
D L S 3 ✠ 25

**NAVASOTA,** 3,284—Navasota Ice., Lt., Pwr. & Wtr. Co.; cap. $200,000; no bds.
Pres. R. A. Horlock.............Navasota
V. Pres. H. Hamelton............Houston
*Sec. Treas. & Mgr.
R. W. Horlock..................Navasota
Ch. Engr. W. E. Becker........ "
Engr. Pwr. Sta. H. Gardner.... "
3 a.c West, G.E, Northern tot. 360 kw 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Cor, H. D; 550 hp. b. ——; 40 hp. stm. turb. Chuse; 225 hp. e. (oil) Busch Diesel; also 40-ton ice plant.
City cont. 6 arcs Westg. 6 amp. $96 per yr; 75 incs. 40 w. $9 per yr; all nt; lignite and oil.
D G I L S 3 ✠ 36E

**NEW BRAUNFELS,** 3,165 — Landa Elec. Lt. & Pwr. Co.
*Pres. & Mgr. H. Landa..New Braunfels
Gen. Supt. Chas. Gillespie... "
5 a. c. West. W. E, G. E, Ft. W., tot. 975 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 440-220-110 v. s. & 2 ph. 60 cys; 300 hp. e. (oil) Atlas Diesel; 700 hp. wtr. turb. Leffel.
D G L W 1 2 ✠ ★16

**NOCOMA,** 1,338—Nocoma Ice & Lt. Co.; cap. outstg. $15,000; no bds.
*Pres. Treas. & Mgr.
J. W. Lehman....................Nocoma
V. Pres. J. F. Modrall............ "
Sec. Supt. & Ch. Engr. N. F. Taylor "
2 d. c. West. Bull., tot. 92½ kw. 130-125 v; d. c. day & nt. ltg. cir. 110-120 v; d. c. day & nt. mo. cir. 115-130 v; 60 hp. e. Murray; 100 hp. b. F. M. & Co.; 60 hp. e. (oil) F. M & Co.
City cont. 12 Mazdas 100 c. p. $24 per yr. all nt; lignite $1.90; oil $1.30.
C D G L S ✠ 16

**ORANGE,** 5,527—Orange Ice, Lt. & Wtr. Co.; cap. outstg. $60,000; no bds.
Pres. W. H. Starks..................Orange
*V. Pres. Treas. & Mgr.
H. J. L. Starks.................. "
Audr. C. C. Leady.................. "
Gen. Supt. H. A. Burr............ "
Ch. Engr. C. M. Vaden.......... "
1 a.c. West. 150 kw. 110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 255 hp. e. Bass, St. Louis; 600 hp. b. Kew; also 30-ton ice plant (York).
City cont. ——incs. "C" series 80 c. p; coal $1.50.
D I L S 1 3 ✠ 35

**OZONA,** 600—Ozona Improvement Co. (Ice, Lt. & Wtr. Wks.); cap. $21,000; no bds.
Pres. S. E. Coach....................Ozona
Sec. & Treas. L. B. Cox............ "
*¶ Mgr. & Engr. Pwr. Sta.
Frank Friend...................... "
1 a. c. Warren 30 kw. 1100 v. s. ph. 133 cys; a. c. ltg. cir. 110 v. 133 cys; 60 hp. e. (gasoline) Stover; also 2 ton ice plant.
City cont. 500 Sunbeam Mazdas 60 w. 20 cts. per kw; 11 P. M: oil 8 cts. (Will discard old mchy. and install 2300 v. 3 ph. 60 cy. system.)
G I L 1 ✠ 35

**PALACIOS,** 1,389—Palacios Ice & Elec. Lt. Plant.
*Owner, Chas. H. Trego..........Palacios
Engr. Pwr. Sta. Geo Sartorius... "
2 a. c. F. M. & Co. Elec. Mch. tot. 90 kw. 2300 v. s. ph. 60 cys; a. c. day (3 half days

ı. wk.) & nt. ltg. cir. 115 v; 60 hp. e.; 225 p. b. Frost; 60 hp. e. (oil) Pwr. Mfg. Co; lso ice plant.

Oil 85 cts. per bbl.

D G I L S 1 ✠ ★16

**ALESTINE,** 10,482—Texas Pwr. & Lt. Co. For executive officers see Dallas.
ocal Mgr. F. N. Wilkenson....Palestine
h. Engr. J. B. Hill.............. "

2 a. c. Allis-C tot. 250 kw. 2200 v. 3 ph. 0 cys; a. c. day ltg. & mo. cir. 220-110 v; 50 hp. e. Ide, Allis-C; 500 hp. McI. & S. iesel eng. & gen. set; 300 kw. turb. (stm.) Vest, Par; 712 hp. b. Stir.

City cont. 334 series tung. 80 c. p. $24 per r; moonlt; oil $1.37.

D G L S 3 ✠ 26

**ARIS,** 11,269—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
lgr. W. G. Moore.................Paris

2 a. c. G. E. tot. 600 kw. 1100-100 v. 3 ph. 0 cys; 2 d. c. G. E. tot 380 kw. 500-220 v; . c. nt. ltg. cir. 1100 v.; d. c. mo. cir. 20 v; 1165 hp. e. Ide, Cor; 3 McI. & S. iesel engines & gen. sets tot. 1500 hp; 000 hp. b. Atlas C. H; also stm. htg.

City cont. 135 arcs 7½ amp. $70 per yr; 39 incs. $18 per yr; moonlt; coal $2.85. perates in parallel with Bonham sta.

C G H L S 3 ✠ 26

**HARR,** 500—Pharr Ice, Lt. & Pwr. Co; cap. outstg. $50,000; bds. $15,000.
res. Chas. Evers.......Milwaukee, Wis.
. Pres. Jno. A. Cook................Pharr
ec. & Cont. Agt.
Wm. E. Barelman.................... "
reas. S. R. Gawthrop.............. "
Gen. Supt. & Ch. Engr.
F. B. Wallace....................... "
ngr. Pwr. Sta. F. Liebig.......... "

2 a. c. G. E. tot. 300 kw. 2300 v. 3 ph. 60 ys; a. c. day & nt. ltg. cir. 110 v; a. c. ay & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 00 hp. e. G. E, Vil; 600 hp. b. Bab. & W; lso 40 ton ice plant, Vilter.

City cont. 80 series Mazdas 80 & 100 c. p. 25 & $30 per yr; all nt; oil $1.19 per bbl. Co. also serves Edinburg and San Juan.)

D I L S 3 ✠ ★16

**PILOT POINT,** 1,371—Pilot Point Ice & Pwr. Co.; cap. auth. $30,000.
res. G. E. Light..............Pilot Point
. Pres. A. H. Gee.............. "
ec. F. W. Hayden............. "
Mgr. D. E. Elder.............. "
h. Engr. & Elecn. A. F. Bank "

1 a. c. West. 60 kw. 1100-100 v. s. ph. 33 cys; no day cir; 100 hp. e. L. & B; — hp. b. Brnl.

Coal.

L S 1 75

**PITTSBURG,** 1,916—Home Lt. & Ice Co. (Successor to Pittsburg Elec. & Ice Co.)
res. Philip Dolinski............Pittsburg
ec. & Treas. W. P. Grammeer. "

1 a. c. G. E. 75 kw. 1100 v. 3. ph. 60 ys; a. c. day & nt. ltg. cir. 110 v: a. . mo. cir. 220-110 v.; 125 hp. e. Ideal; 50 hp. b. C. & H; 100 hp. e. (gas) West; 25 hp. gas pro. West; also ice plant.

City cont. 2 arcs 550 w. $180 per yr; 19 arbon mult. 125 w. $39 per yr; coal $1.25.

D G I L S 3 ✠ ★16†

**PLAINVIEW,** 2,829—Malone Lt. & Ice Co. (In 1915, purchased property of Lubbock Lt. & Pwr. Co. and Lockney Lt. & Pwr. Co.); cap. outstg. $60,000.
Pres. R. C. Malone................Abilene
V. Pres. R. M. Malone...........Plainview
¶Sec. Treas. & Mgr. Chas. A. Malone "
Engr. Pwr. Sta. H. F. Hubbard. "

1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 ys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220-110 v; 350 hp. e. Ham; 00 hp. b. Keeler; also 20-ton ice plant (Wolf).

City cont. 6 type "B" lamps 500 w. $25 per yr; 6 incs. type "C" 100 w. $21 per yr; all nt; oil $1.17. (Contemplates erecting trans. line to Slaton, Lubbock, Floydada, Lockney, Abernathy and Hale.)

D I L S 3 85w

**PLANO,** 1,258—Texas Pwr. & Lt. Co. (McKinney Dist.) See Dallas.

1 transf. Maloney 200 kva; 3 transf. Pittsburg tot. 105 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 440 v. 3 ph. 25 cys.

City cont. 29 Mazdas 32 c. p. $15 per yr; all nt.

D L 3 ✠ ★16

**PLEASANTON,** 700—Pleasanton Ice & Elec. Co.
*Mgr. Frank H. Burmeister...Pleasanton
Engr. Pwr. Sta. Chas. H. Loose "

1 a. c. Ft. W. 37½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 45 hp. e. Atlas; 60 hp. b. Brnl; also ice plant.

Wood and coal $3. (Also lts. North Pleasanton.)

I L S 3 ✠ ★16

**PORT ARTHUR,** 7,663—Port Arthur Lt. & Pwr. Co. (Securities owned by Eastern Texas Elec. Co.); cap. $600,000.
Pres. M. M. Phinney
147 Milk St., Boston, Mass.
Gen. Mgr. Stone & Webster
Mgt. Assn................. "
Mgr. C. W. Kellogg, Jr.............Dallas
Supt. W. N. Munroe.........Port Arthur

3 a. c. W. E, G. E. tot. 1800 kw. 2300 v. 2 ph. 60 cys; 1 rect. 25 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 1500 hp. b. Stir, Bab. & W; 1800 kw. stm. turb. G. E, West.

City cont. 15 arcs magn. 4 amp. $100 per yr; 130 tung. series 60 c. p. $15 per yr; all nt; oil $1 per bbl.

D L S 1 2 ✠ 25

**POST,** 1,000—Post Pwr. Co.; cap. $100,000.
Pres. E. B. Close........New York, N. Y.
V. Pres. W. O. Stevens..............Post
Sec. J. H. Hartford.................. "
Treas. E. E. Spalding...New York, N. Y.
*Mgr. F. W. Garry....................Post
Engr. Pwr. Sta. S. B. Richey......... "

3 a. c. Allis-C. tot. 700 kw. 550 v. 3 ph. 60 cys; a. c. day mo. cir. 550 v; 1050 hp. e. Mur, Ide; 900 hp. b. Mur. (Entire output sold to Postex Cotton Mills.)

Oil $1.03.

S T 3 25

**QUANAH,** 3,127—Quanah Lt. & Ice Wks. (Controlled by the Southwestern Cities Elec. Co., 49 Wall St., New York, N. Y., and operated by Jno. C. Keys, Lawton, Okla.)
Pres. Jno. C. Keys........Lawton, Okla.
Sec. & Supt. Arthur A. Keys.....Quanah
Treas. E. W. McClintic....Lawton, Okla.
Engr. Pwr. Sta. Joe Nerriec......Quanah

4 a. c. West. tot. 550 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 150 hp. e. Rus; 575 hp. e. (oil) Busch-Diesel, Snow; 100 hp. b. C. & H; also ice plant.

City cont. 60 Mazdas, 6.6. amp. $36 per yr; all nt; oil 90 cts. (Also lts. Agatite and supplies energy to Chillicothe Lt. & Pwr. Co.).

D G I L S 3 ✠ ★45

**RICHARDSON,** 147—Texas Pwr. & Lt. Co. (McKinney Dist.) See Dallas.

a. c. day & nt. ltg. cir. 127 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

D L 3 ★16

**RICHMOND,** 1,371—Richmond Elec. Lt. Co.; cap. $3,900; no bds.
*Pres. J. H. P. Davis...........Richmond
¶ Sec. & Mgr. R. F. Ransom... "
Treas. Q. A. Wessendorff........ "

2 a. c. C.-W, West. tot. 75 kw. 100 v. 3 ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 100 v. 60 cys; a.c. mo. cir. 110 v. 3 ph. 60 cys; 50 hp.e. Ideal; 195 hp.b. Freeman; 60 hp. e. (oil) Snow.
Street lts. 15 cts. per kw; mdnt; oil 90 cts. per bbl.
D G L S 3 ✢ 74

**ROCKDALE**, 2,073–Rockdale Wtr. & Lt. Co.; cap. $50,000; bds. $7,000.
¶ Pres. and Gen. Mgr.
Leonard Isaacs....................Rockdale
V. Pres. Dr. F. B. King..........Houston
*Sec. & Treas. Conn. R. Isaacs..Rockdale
Supt. & Ch. Engr. A. A. Offield.. "
1 a. c. Allis-C. 75 kw. 1100 v. s. ph. 60 cys; a. c. day (summer) & nt. ltg. cir. 110 v; 150 hp. e. Allis-C; 170 hp. b. Ames.
City cont. 7 tung. 100 w. $19 per yr; moonlt; lignite $1.15.
D L S 1 ✢ 73

**ROCKPORT**, 1,382–Rockport Ice & Lt. Co.; cap. outstg. $26,000; no bds.
*Pres., Mgr. & Ch. Engr.
G. E. Fussel....................Rockport
V. Pres. & Treas. Chas. G. Johnson "
Sec. D. R. Scrivner.............. "
Engr. Pwr. Sta. Aug. Silberisen "
1 a. c. F. M. & Co. 35 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 110-220 v. s. ph. 60 cys; 50 hp. e. (oil) F. M. & Co; 50 hp. gas. pro. F. M. & Co.
City Cont. 12 incs. "C" 250 v. $6.10 per yr; moonlt; oil $1 per bbl.
G L 1 ✢ 16

**ROCKWALL**, 1,136–Texas Pwr. & Lt. Co. See Dallas.

**ROGERS**, 1,500–Texas Pwr. & Lt. Co. Temple Dist.) See Dallas.

**ROSCOE**, 941–West Texas Elec. Co. See Sweetwater.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.
D L 26

**ROSEBUD**, 1,472–Rosebud Ice & Elec. Lt. Co.
*Owner, I. J. Nathan..............Marlin
2 a. c. G. E. tot. 150 kw. 2300-110 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 340 hp.e. Rus, Ball, York; 350 hp. b. Erie.
Lignite $1.40.
D L S 1 3 ✢ 23

**ROTAN**, 1,126–Rotan Wtr. & Lt. Co.
Pres. W. A. Webb....................Dallas
Sec. & Audr. O. H. Bower.......... "
Treas. R. P. Roach................. "
*Mgr. D. B. Morrow, Jr........... "
Supt. & Ch. Engr. R. E. Morrow..Rotan
1 a. c. Wagner 50 kw. 1100 v. s. ph. 60 cys; a. c. day (7 A. M. to midnt. in Summer & 4 A. M. to midnt. in Winter) & nt. ltg. & mo. cir. 115 v; 75 hp. e. Murray; 100 hp. b. Murray.
City cont 13 incs. "C" 100 w. $15 per yr; 5 hrs; coal $1.75.
D L S 1 ✢ 85

**ROYSE CITY**, 1,268–Texas Pwr. & Lt. Co. See Dallas.
City cont. 2 arcs 2000 c. p. $90 per yr.
C G L ✢ 16

**SABINAL**, 1,640–Sabinal Wtr. & Ice Co. (Owned by J. W. Cooper); cap. $28,000; bds. $7,500.
*Pres. F. E. Thompson...........Sabinal
V. Pres. Miss L. Heard........... "
¶ Sec. Treas. Mgr. & Cont. Agt.
J. W. Cooper..................... "
Supt. of Ovhd. Distr.
R. R. Ellison, Jr................ "
Ch. Engr. & Engr. Pwr. Sta.
J. N. Eagan...................... "
1 a. c. W. E. 50 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 75 hp. b. Atlas; 80 hp. e. Atlas; 100 hp. e. (gas) F. M. & Co.; operates ice plant.
City cont. 25 incs. 100 w. $1.85 per mo; all nt; solar oil 5 cts. per gal.
G I L S 3 ✢ ★36E

**SAN ANGELO**, 10,321–San Angelo Wtr., Lt. & Pwr. Co. (Owned and controlled by Interstate Elec. Corpn., 141 Broadway, New York, N. Y.); cap. outstg. $500,000; bds. $470,000.
Pres. Chas. W. Hobbs.........San Angelo
*¶V. Pres. Mgr. & Cont. Agt.
Ralph J. Irvine.............. "
Sec. M. F. Treadwell.............Ballinger
Treas. A. E. Fitkin, 141 Broadway,
New York, N. Y.
Ch. Engr. Ed. Burrow.........San Angelo
Engr. Pwr. Sta. Harry Alsbrook "
2 a. c. West, Allis-C. tot. 600 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 15 kw; trans. volt. 22,000 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 1200 hp. e. Allis-C. S. C; 600 hp. b. Bab. & W.
City cont. 25 arcs 4 amp. $95 per yr; 100 incs. 60 c. p. $20.40 per yr; all nt; oil $1.18 per bbl. (Trans. line to Ballinger under construction.)
D L S 1 3 ✢ ★26

**SAN ANTONIO**, 96,614–San Antonio Gas & Elec. Co., 305-309 E. Houston St.; cap. $1,300,000; bds. $984,000.
Pres. Emerson McMillin..New York, N.Y.
V. Pres. W. B. Tuttle.........San Antonio
Sec. & Treas. R. C. Jones.... "
*Audr. P. L. King............ "
¶Pur. Agt. Howard Henson "
Supt. Elec. Dept.
Geo. H. Cushman......... "
Ch. Engr. G. W. Smith..... "
Engr. Pwr. Sta. E. Hesse.... "
6 a. c. G. E, West, Allis-C. tot. 7700 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E, Allis-C. tot. 925 kw. 500 v; 5 c. c. transf. G. E. tot. 352 kw; 1 rot. conv. West. 500 kw; 1 conv. G. E. 1000 kw; 3 mo.-gen. G. E. tot. 2200 kw; 7 rect. tot. 497 lts; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 500 v; 5600 hp. e. Ham, S. City; 6400 kw. stm. turb. West, Allis-C, G. E; 5600 hp. b. Stir.
City cont. 600 arcs a. c. series $64 per yr; moonlt; all nt; oil 2.44 cts. (Co. sells pwr. to San Antonio Trac. Co.)
C D L S 1 3 16

**SAN AUGUSTINE**, 1,204–*E. F. Jeanes Gin Co; cap. $50,000; no bds.
Owners { E. F. Jeane.....San Augustine
Owners { Mgr. Tom Jeanes "
Engr. Pwr. Sta. W. M. Mills "
2 a. c. F. M. & Co., G. E. tot. 225 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. service; 225 hp. e. (oil) Busch-Diesel, Elyria.
Crude oil 2¼ cts.
D G L 3 ✢ 35

**SAN BENITO**, 300–San Benito Tel., Wtr., Lt. & Pwr. Co.
Pres. A. Heywood.............San Benito
*Sec. S. A. Robertson......... "
Mgr. R. W. Latham........... "
Engr. Mr. Haines............... "
1 a. c. F. M. & Co. 2300 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v
City cont. 10 incs. Tung. 100 w; oil 6 cts.
D L 3 ✢ 74w

**SAN DIEGO**, 3,900–A. T. Blackenship & Co; cost $8,000.
*¶Mgr. A. T. Blankenship......San Diego
Ch. Engr. Earl Blankenship.... "
1 d. c. West. 150 amp. 220 v; d. c. nt. ltg. cir; 60 hp. e. (gas) St. Marys.
City cont. 450 Mazdas 25 w. $6 per yr; mdnt; oil 4½ cts.
C G L ✢ ★16

**SAN JUAN,** 350—Pharr Ice, Lt. & Pwr. Co. See Pharr.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
D L 3 ........................ 16

**SAN MARCOS,** 4,071 — San Marcos Utilites Co. (Elec. Lt., Wtr. Wks. & Ice Plant); cap. $200,000; bds. $158,900.
Pres. J. M. Capo..................San Marcos
V. Pres., Treas., Mgr. & Cont. Agt.
Ashley F. Wilson....San Marcos
Supt. W. N. Joiner.......... "
2 a. c. G. E West. tot. 225 kw. 2300 v. 2 ph. cys; a. c. day & nt. ltg. cir. 106-110 v.; a. c. day & nt. mo. cir. 110-220 v; 200 hp. e. Allis-C; 265 hp. turb. (wtr.) Leffel; 300 hp. b. Heine; also 15-ton ice plant (York).
City cont. 50 Mazdas $12 per yr; all nt; coal $5.00.
D I L S W 2 ✢ ★16

**SAN SABA,** 1,100—San Saba Lt. & Ice Co.; cap. $15,000.
Pres. J. H. Martin..................San Saba
Sec. U. M. Sanderson.......... "
*¶ Treas. Mgr. Cont. Agt. &
Ch. Elecn. Frank B. Hall...... "
2 a. c. West, Warren, tot. 130 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. mo. cir 110 v; 150 hp. e. Murray; 160 hp. b. Atlas; also ice plant.
City cont. 40 Tung. series 75 w. $15 per yr; all nt; coal $2.50
D I L S 8 ✢ 16

***SARATOGA,** 750—Light & Power Co. See Sour Lake.

**SEALY,** 1,000—Sealy Cotton Co.
Pres. Jno. Hackbarth..................Sealy
V. Pres. W. E. Schier.................. "
*¶ Sec. Treas. Mgr. & Cont. Agt.
H. L. Hillehand...................... "
Ch. Engr. Pwr. Sta. D. A. Gens.... "
1 a. c. F. M. & Co. 60 kw. 1150 v. 2 ph. 60 cys; 1 d. c. Peerless 15 kw. 110 v; a. c. day & nt. ltg. cir. 110 v; 275 hp. e. Ideal; 250 hp. b. Atlas; 50 hp. e. (gas) De L.V.
City cont: all nt; crude oil.
C D G L S 2 ✢ 35

**SEGUIN,** 5,000—Seguin Elec. Lt. & Pwr. Plant (Munic.); cost $50,000; bds. $43,000.
Directors { Pres. J. T. Holmes....Seguin
Herman A. Kreydom. "
John Vioroux........ "
*¶ Mgr. & Cont. Agt.
Owen A. Gafford..................Seguin
Engr. Pwr. Sta. N. D. Riddle..... "
1 a. c. West. 150 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 150 hp. e. Atlas; 200 hp. b. Atlas; 225 hp. wtr. wh. F. & S.
City cont. 100 incs; moonlt; wood $3.50. (Installing additional 187 kva. 3 ph. 60 cy. 2300 v. gen. and water wheels; building new power house.)
D L S W 1 2 16

**SEYMOUR,** 3,000—Seymour Mill Elevator & Lt. Co.; cap. outstg. $50,000; no. bds.
Pres. H. M. Wilson,..................Seymour
V. Pres. S. Gorman.............. "
*¶ Sec., Treas. & Mgr. D. O. Green "
Elecn. J. Goldthwaite.......... "
Engr. Pwr. Sta. Lee Brasseal... "
1 a. c. G E. 75 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys; 200 hp. e. Mur, Cor; 500 hp. b. Atlas, H. S. & G.
City cont. 2200 incs. 60 & 80 c. p. $24 per yr; moonlt; coal $3.15.
D L S 3 ✢ 75

**SHERMAN,** 14,900—Texas Pwr. & Lt. Co. (Denison Dist.). See Dallas.

Munic. Elec. Lt. & Wtr. Plant; cost $75,000; bds. $15,000.
Mgr. Karl M. Mitchell..............Sherman
*Gen. Supt. S. C. Gates........ "
Engr. Pwr. Sta. Geo. Stephens.. "
1 a. c. Allis-C. 2300 v. 3 ph. 60 cys; 250 hp. e. Allis-C; 1100 hp. b. Atlas, Frmn.
700 Mazdas 100 c. p. moonlt; gas 10 cts; oil 2 cts. per gal.
L S 3 16

**SHINER,** 1,096—Shiner Elec. Lt. Plant.
*Owner & Mgr. F. A. Pagel Sr....Shiner
1 a. c. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 65 hp. e. C. & T; 55 hp. b. Chattanooga.
City cont. 400 incs. 32 c. p. $6 per yr; mdnt; coal $6.
L S 3 16

**SMITHVILLE,** 3,167—Smithville Elec. Lt., Wtr. & Pwr. Co.
Owner & Mgr. Emil Buescher. Smithville
*¶ Pur. Agt. A. G. Buescher.. "
Engr. Pwr. Sta. J. C. Woods.. "
3 a c. West. tot. 275 kw. 1200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 400 hp. e. Mur, Ham; 300 hp. b.—Ames.
City cont. 50 incs. "C" series 80 c. p. $21 per yr; all nt. lignite $1.22.
D L S 1 2 ✢ 16

**SNYDER,** 2,514—Snyder Ice & Elec. Co.
*Owner, E. F. Renken..............Snyder
Mgr. Ice Dept. E. D. McAdoo.... "
Engr. Pwr. Sta. W. Rye.......... "
2 a. c. F. M. & Co. G. E. tot. 262½ kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. e. (oil) F. M. & Co, Nord; also 25-ton ice plant, Frick.
City cont. 23 Mazda series 4 amp. 60 c. p. $36 per yr; all nt; coal $4.90; oil 4 cts. Frick.
D G I L 1 3 ✢ 16

**SOMERVILLE,** 2,000—Somerville Ice & Lt. Co.; cap. outstg. $14,000; no bds.
Pres. J. D. Giddings...........Somerville
V. Pres. Louis Keil..............Deanville
*Sec. & Mgr. A. H. Smith.....Somerville
Ch. Engr. C. F. Hardt......... "
2 d. c. Ft. W, G. E. tot. 70 kw. 220 v; d. c. day (summer) & nt. ltg. cir. 220 v.
Lignite $1.75.
C D L ✢ ★16

**SOUR LAKE,** 1,500—*Light & Power Co. Pwr. plants at Sour Lake & Saratoga.
Supt. B. F. McDonald.........Sour Lake
L 79

**SPUR,** 1,000—Spur Lt. & Pwr. Co.
Owners, { J. E. Johnson.........Stamford
G. E. White..........Ft. Worth
*Mgr. J. E. Reams....................Spur
Engr. Pwr. Sta. J. R. Laine........... "
1 a.c. G. E. 30 kw. 2300 v. s. ph. 125 cys; 65 hp. e. Ide; 80 hp. b. H. S. & G.
Coal $3.60.
L S 1 ✢ 25

**STAMFORD,** 3,902—Stamford Gas & Elec. Co. (Purchased the elec. plant of Stamford Water Works & Elec. Lt. Co.); cap. $20,000; bds. $8,000.
*¶ Pres. & Mgr. J. E. Johnson..Stamford
V. Pres. Geo. E. White.........Ft. Worth
Sec. & Treas.
P. L. Snodgrass..................Stamford
Engr. Pwr. Sta. W. T. Hays.... "
3 a. c. West. Wood tot. 230 kw. 2300 v. s. & 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 350 hp. e. Sknr., Atlas, Rus; 250 hp. b. H. S. & G, Ames.
City cont. 4 arcs 6.6 amp. $60 per yr; midnt: 58 Tung. 50 w. $16.25 per yr; all nt; coal $2.90.
D L S 1 2 ✢ 35

**STEPHENVILLE,** 2,561—Stephenville Lt. Co.
Owner C. H. Bencini..........Ft. Worth
*Mgr. D. H. Burroughs......Stephenville
Engrs. Pwr. Sta. { Supt. J. A. Lambert "
{ H. Lambert.......... "

1 d.c. Tri. 25 kw. 250 v; 2 a.c. F. M. & Co. tot. 175 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 2 ph. 60 cys; d. c. pwr. cir. 220 v; 285 hp. e. Sknr. Cor.

City cont. 2 arcs 6 amp. $84 per yr; 10 incs. 32 c. p. $18 per yr; moonlt; oil $1; lignite $2.

C D L S 1 2 16

**STRAWN,** 1,000—Strawn Coal Co.
*Gen. Mgr. J, H. McLure.........Strawn
Engr. Pwr. Sta. E. W. Berry...... "

2 a.c. F. M. & Co. tot. 80 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; 100 hp. e. (oil) F. M. & Co.

D G L 3 16

**SULPHUR SPRINGS,** 5,151—B. F. Ashcroft & Sons.
Pres. B. F. Ashcroft.....Sulphur Springs
*Mgr. E. L. Ashcroft..... "
¶ Pur. Agt. C. F. Ashcroft "
Ch. Engr. Peter Scott... "
Ch. Elecn. C. P. Smith.. "

2 a. c. G. E. tot. 310 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 500 hp. e. Ball; 400 hp. b. Heine.

City cont. 50 incs. 40 w. $13.80 per yr; 6 incs. 60 w; lignite.

D L S 1 3 ✠ 75

**SUNSET HEIGHTS,** 150—Sunset Heights Wtr. & Lt. Co.
*Pres. Richard Boyers....Sunset Heights
V. Pres. B. B. Harding... " "
Sec. & Treas.
C. G. Dougherty....... " "

Energy purchased from Houston Ltg. & Pwr. Co., 1905.

L §26†

**SWEETWATER,** 4,176—West Texas Elec. Co. Office Sweetwater. (Operates plants in Big Spring and Sweetwater.) (Controlled by the Southwestern Pwr. & Lt. Co.); cap. outstg. $135,000 (pfd.), $165,000 (com.); bds. $300,000.
Pres. W. T. Trammell........Sweetwater
V. Prests. { J. J. McDowell... "
{ *Mgr. Jack Hall.. "
{ C. L. Cox..............Dallas
{ E. P. Summerson ........ New York, N. Y.
Sec. & Treas. J. C. Thompson.....Dallas
Asst. Secys. & Asst. Treasrs. { H. R. Kingman New York, N. Y.
{ W. H. Painter.....Dallas
Asst. Treas. J. V. W. Holmes..Sweetwater

5 a. c. G. E, F. M. & Co. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 2300-220-110 v. s. & 3 ph. 60 cys; 285 hp. e. H. O. & R., McE., Monarch; 300 hp. b. C. & H; 700 hp. e. (oil) Busch-Diesel, F. B. M. & Co; ice plant 40-ton Triumph.

City cont. 112 incs. 100 W. (22) $24 per yr; 80 W. (36) $18 per yr. and 60 W. (54) $15 per yr; all nt; oil. (This sta. also serves Roscoe, Colorado and Loraine.)

D G I L S 1 3 26

**TAYLOR,** 5,314—Texas Pwr. & Lt. Co. See Dallas.

4 a. c. G. E, West. tot. 530 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-2200 v; 625 hp. e. Ball, Sknr; 500 hp. b. Keeler; 225 hp. e. (oil) Diesel.

City cont. 9 lumn. arcs 4 amp. $72 per yr; 145 incs. 60 c. p. 80 w. $18 per yr; all nt; lignite $1.42. (Trans. from Temple.)

D G L S 2 ✠ 26

**TEAGUE,** 3,288—Telluride Pwr. Co. of Texas. (Successor to Teague Elec. Lt. & Pwr. Co.); cap. outstg. $40,000; no bds.
Pres. J. G. Miller...................Dallas
*Sec. & Mgr. W. W. Clark .......Teague
Treas. W. L. Biersach.......Provo, Utah

2 a. c. Ft. W. tot. 175 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 150 hp. e. Ball; 100 hp. e. (gas) F. M. & Co; 175 hp. b. Heine.

City cont. 6 arcs A. B. 6.6 amp. $70 per yr; moonlt; nat. gas 10 cts.

D G L S 2 ✠ 16

**TEMPLE,** 10,993—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Local Mgr. E. S. Fletcher.......Temple

1 a. c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; 3 d. c. G. E. Tri. tot. 140 kw. 220-110 v; 1 rect. G. E. 25-lt; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. & d. c. mo. cir. 220 v; 1 turbo-gen West. 600 kw. 2300 v. 3 ph. 60 cys; 650 hp. e. Rus. Cpr; 1102 hp. b. Keeler, Heine; 1100 kw. turb. West, G. E; trans. volt. 6000 v; also stm. htg.

City cont. 27 magn. arcs 310 w. & 289 series tung. 75 w. tot. $3,834.70 per yr; all nt; lignite $1.50; slack $2.75. (Trans. line to Waco and Taylor, also supplies Belton, McGregor, Rogers, Heidenheimer, Moody, Eddy, Lorena, Bruceville, Troy, Granger and Pendleton.)

C D H L S 3 ✠ 26

**TERRELL,** 7,050—Terrell Elec. Lt. Co; cap. $50,000; no bds.
Pres. M. A. Joy.......................Terrell
*¶ V. Pres. Mgr. & Cont. Agt.
E. D. Kelly......................... "
Sec. & Treas. A. Holenquest...... "
Engr. Pwr. Sta. H. L. Anderson... "

3 a. c. G. E. tot. 60 kw. 1100-110 v. s. ph. 60 cys; 6 d. c. G. E. tot. 500 kw. 220-110 v; a. c. day cir. 110 v; d. c. day cir. 110 v; pwr. cir. 220 v; 350 hp. e. Atlas, Ide; 300 hp. b. Atlas.

City cont. 6 arcs 110 v. 4 amp. $75 per yr; 4000 com. incs. 16 c. p. 15 cts. per kw; all nt; lignite $1.

C D L S 1 ✠ 16

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Dept. of Public Works. (Light Dept.); cost $45,211.62.
Commrs. { Chm. T. C. Russell ....Terrell
{ J. M. Rutdledge......... "
{ J. C. Morton........... "
{ Dr. W. H. Nelly......... "
{ Fred Massingill......... "
Sec. J. Trueheart..................... "
*Cont. Agt. & Supt.
John D. Bomford................ "
Engr. Pwr. Sta. P. R. Runnels.... "

2 a. c. West. tot. 200 kva. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 150 hp. e. Mur; 100 hp. b. Mur.

280 incs. "C" 6.6 amp. series 60 c. p; moonlt; coal $2.85.

D L S 1 2 ✠ ★16

**TEXARKANA,** 9,790—Southwestern Gas & Elec. Co. See Texarkana, Ark.

City cont. 135 magn. arcs 4 amp. $62.50 per yr; all nt.

L 16

**TEXAS CITY,** 350—Texas City Transportation Co.
Pres. ———— —— ——
V. Pres. & Gen. Mgr.
E. A. Bynum..................Texas City
Treas. A. H. Fonda............. "
Audr. E. B. Leach............. "
Supt. E. V. Rhodes........... "
*Ch. Engr. Pwr. Sta.
L. P. Chaney................ "

2 a. c. West. tot. 900 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 500 kw. 240 v; a. c. day & nt. ltg. cir. 110 v; a. c. day &

nt. mo. cir. 2300-440-220-110 v.; d. c. (6 A.M. to 1 A.M.) ltg. & mo. cir. 250 v; 500 kw. e. West; 900 kw. stm. turb. West; 1000 hp. b. Bab. & W.

Mexican crude oil. (Co. lts. docks and warehouses; sells energy in bulk to Texas City Lt. & Wtr. Co. for lighting town proper; also sells to Texas City St. Ry. Co.)

C D L S 3 16

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Texas City Elec. Lt. & Wtr. Co.
Pres. A. B. Wolvin..........Duluth, Minn.
V. Pres. H. B. Moore..........Texas City
Sec. H. A. Thomas.............. "
Treas. & Audr. R. B. Smith.... "
*¶Mgr. & Cont. Agt. R. C. Trube "

Purchases energy from Texas City Transportation Co.; 1 syn. mo. 290 kva. 2200 v. direct connected to 2 d. c. gen. tot. 200 kva. 250 v; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys.

City cont. 2 a. c. multiple flaming arcs 7.5 amp; 5 nitro. mult. 1000 W; moonlt.

D L 1 3 16

**THORNDALE,** 1,200—Texas Pwr. & Lt. Co. (Taylor Dist.) See Dallas.

**THURBER,** 1,453—Texas Pacific Mercantile & Mfg. Co.
Pres. Edgar L. Marston........New York
Sec. & Treas. S. Mims.............Thurber
¶ Mgr. M. A. Williams............ "
*Ch. Elecn. J. E. Lee............ "

1 d. c. G. E. 75 kw. 125 v; 7 d. c. pwr. Jeffry, Eddy, Goodman, tot. 710 kw. 250-110 v; 1 a. c. Stan. 75 kw. 2500-110 v. 2 ph. 133 cys; a. c. day cir. 110 v.

C D L 2 ✠ 11

**TIMPSON,** 1,528—Timpson Lt. & Pwr. Co., Inc: cap. outstg. $5,000.
*Pres., Sec., Treas. & Mgr.
P. W. McKittrick....... Timpson
V. Pres. C. T. McKittrick,....... "
Ch. Engr. R. Morris............... "

2 a. c. Lincoln, Warren tot. 97½ kw. 2300-1100 v 3 & s. ph. 60 & 133 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys; 80 hp. e. C. & T; 80 hp. b. H. S. & G; 40 hp. e. (gas) F. M. & Co; also ice plant.

City cont. 65 incs. 100 w; all nt; coal & oil.

D G I L S 1 3 ✠ 25

**TOYAH,** 1,052 — Toyah Elec. Lt. Co.; cap. $7,500; no bds.
*Pres, Mgr. & Cont. Agt.
A. G. Van Horn....................Toyah
V. Pres. R. D. Gage.............Ft. Worth
¶ Sec. Treas. & Mgr.
B. P. Van Horn....................Toyah
Engr. Pwr. Sta. E. A. Preusser.... "

2 d.c. F. M. & Co. tot. 25 kw. 220 v; d.c. nt. ltg. cir. 220 v; d. c. mo. cir. 220 v; 40 hp. e. (gas) F. M. & Co.

City cont. 18 series incs. 50 watt $15 per yr; distillate 7¼ cts.

C G L ✠ 16

**TROUP,** 1,126—Troup Lt. & Pwr. Plant, P. O. Box 294; cost $6,500.
*Owner J. D. Nance....................Troup

1 a. c. F. M. & Co. 40 kw. 1150 v. 3 ph. 60 cys; a. c. day (in summer) & nt. ltg. cir. 110 v. 60 cys; a. c. day (in summer) & nt. mo. cir. 110 v. s. ph. 60 cys; 50 hp. e. gas) F. M. & Co.

City cont. 16 tung. 25 w. $12 per yr; all nt; distillate 4¼ cts.

D G L 1 3 ✠ ★30

**TULIA,** 1,216—*Tulia Lt. Plant (Munic.); cost $27,000.
Supt. R. W. Thacker....................Tulia
Engr. Pwr. Sta. C. W. Speer........ "

1 a. c. Ft. W. 50 kw. 2300 v, 3 ph, 60 cys; a. c. nt. ltg. cir 110 v. 60 cys; 75 hp. e. Murray; 150 hp. b. H. S. & G.

City cont. 43 Mazdas; all nt; coal $4.

L S 3 ✠ ★85†

**TYLER,** 10,400—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Mgr. L. S. Small ........................Tyler

2 a. c.——tot. 750 kw. 2300 v. 3 ph. 60 cys; 450 hp. e. Sknr, Erie City; 350 hp. b. Mumford, Keeler; 900 hp. e. (oil) Busch-Diesel.

City cont. 465 Mazdas 40 c. p. $14.50 per yr; all nt; lignite $1.40; oil 84 cts.

G L S 3 ✠ 26

**UVALDE,** 3,998—Uvalde Elec. Lt. Co.; cap. $40,000.
Pres. & Mgr. Frank Hare ..........Uvalde
*V. Pres. J. G. Smith................ "
Sec. & Treas. Joe Vauham.......... "
Engr. Pwr. Sta. Sam Birkett........ "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 110 v; 250 hp. e. Atlas, Ball; 250 hp. b. Atlas, Brnl; also 10-ton ice plant (York.)

City cont. 4 arcs 1600 c. p. $84 per yr: 20 incs. 100 c. p. $36 per yr; moonlt; oil and coal.

I L S 3 ✠ 14

**VAN ALSTYNE,** 1,441—Texas Pwr. & Lt. Co. (McKinney Dist.) See Dallas.

1 transf. West. 60 kva; a. c. nt. ltg. cir. 100 v. 125 cys; a. c. mo. cir. 400 v. 3 ph. 125 cys; d. c. mo. cir. 110 v.

City cont. 1 A. M.

C L 1 3 ✠ 26

**VENUS,** 1,000—Venus Lt. & Wtr. Co.
*Owner & Mgr. A. D. Frost..........Venus

2 d. c. tot. 22 kw. 220 v; d. c. nt. ltg. cir. 220-215 v; 25 hp. e. (gas) F. M. & Co; 20 hp. e. (oil) F. M. & Co.

City cont. 14 Mazdas 40 to 60 w. tot. $150 per yr; 11 P.M; Distillate; 85 per bbl., oil 10 cts. per gal.

C G L ✠ 16

**VERNON,** 8,195—Texas Public Service Co. (Vernon Div.) For executive officers, see Mt. Pleasant.
Local Mgr. A. E. Gilman..........Vernon
Engr. Pwr. Sta. R. Imboden...... "

2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 800 hp. e. Ideal, Chuse; 275 hp. b. Brnl; also ice plant.

City cont. moonlt; oil $1.01½ per bbl.

D I L S 3 ✠ 16

**VICTORIA,** 3,673 — Texas Southern Elec. Co, (A voluntary association operating electric light and power plants in Victoria, Cuero, Beeville, Kingsville, Center, Del Rio and Bishop; also supplying water to Beeville, Kingsville and Bishop and manufacturing ice in Victoria, Kingsville and Beeville.)
Pres. W. A. Leland..................Victoria
V. Prests. M. H. Merrill Boston, Mass.
Warren Motley " "
E. M. Scofield....Phila., Pa.
Gen. Mgrs. Warner, Tucker & Co.................. 85 Devonshire St., Boston, Mass.
Treas. R. L. Warner..........
Asst. Treas. A. A. Ridgway.
Sec. T. B. Sweeny.............. "
Asst. Sec. H. W. Rogers,
85 Devonshire St., Boston Mass.
Audr. J. V. Cullinane.............Victoria
*Gen. Mgr. W. B. Du Pre.......... "
Div. Mgr. A. B. Sawyers............ "
Engr. Pwr. Sta. H. A. Shaner.... "

3 a. c. West. tot. 800 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 500 hp. e. L. & B, Murray; 1,000 hp. b. Heine, Brnl; also ice plant.

City cont. 8 arcs flaming 6.6 amp, $120

per yr; 180 Mazdas 6.6 amp. $36 per yr; all nt; oil $1.35. (23,000 v. 3 ph. trans. line to Cuero under construction.)
D I L S 1 3 ✠ 25

**WACO,** 33,000—Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Local Mgr. W. S. Booth............Waco
2 a. c. turbo-gen. G. E. tot. 6250 kw.—— v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 2 ph. 60 cys; d. c. mo. cir. 500 v.; 2400 hp b. Bab. & W.; interchange of energy with Ft. Worth Pwr. & Lt. Co; 9 transf. G. E. tot. 2700 kva. Trans. from Temple, also a 60,000 v. trans. line from Denison.
City cont. 397 arcs series 6.6 amp. $98 per yr; 50 incs.; all nt; coal $3; oil 2½ cts.
C D N S 2 3 ✠ ★26

**WALNUT SPRINGS,** 1,340 — Fredrick Lt. & Pwr. Co. (Purchased the Munic. Lt. Plant.)
*Pres. Bd. & Mgr.
A. Frederick, Walnut Springs
Purchases energy from Central Texas Pwr. & Trans. Co; a. c. day & nt. ltg. cir. 110 v.
City cont. 15 incs. 60 w. $10 per yr. all nt.
D L ✠ ★16

**WAXAHACHIE,** 7,650 — Texas Pwr. & Lt. Co. For executive officers, see Dallas.
Local Mgr. C. T. Nall.......Waxahachie
3 transf. G. E. tot. 1200 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 225 series Tung. 60 c. p. $18 per yr; moonlt. (Supplies Italy, Lancaster, Ferreston, Maypearl and Red Oak.)
D L 3 ✠ 26

**WEATHERFORD,** 5,074 — City of Weatherford Wtr., Lt. & Ice Co.; cap. $90,000; bds. $90,000.
*¶ Mgr. & Cont. Agt.
B. F. Cherry...............Weatherford
Supt. E. V. Carroll.......... "
Ch. Engr. Pwr. Sta.
E. A. Thomas............ "
2 a. c. West, Bull tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 325 hp. e. Mc I. & S, Flemg; 310 hp. b. Gem, Excelsior.
50 city Mazdas 60 w. $18 per yr; all nt: coal $3.
D L S 1 3 ✠ ★16

**WELLINGTON,** 1,500 — Wellington Pwr. & Lt. Co. P. O. Box 221.
*¶ Pres. & Mgr. D. E. Godwin..Wellington
V. Pres. J. L. Lackey.......... "
¶ Sec. & Treas. J. S. Godwin... "
Ch. Engr. F. C. Williams...... "
3 a. c. West. F. M. & Co. tot. 115 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. lt. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 2 ph. 60 cys; 130 hp. e. (oil) Bessemer, F. M. & Co.
City cont. hours; oil.
D G L 2 3 ✠ §26

**WEST,** 2,050—Texas Pwr. & Lt. Co. (Hillsboro Dist.) See Dallas.

**WHARTON,** 1,505 — Wharton Ice & Pwr. Co.
*Owner & Mgr. J. J. Wensley...Wharton
3 a. c. G. E West. tot. 230 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 200 kw. turb. (stm.) G. E; 50 hp. e. (oil) De La Vergne; 300 hp. b. Heine, O. & H.
City cont. 60 series Tungsten 75 w. $1.75 per mo; all nt; coal $2.
G I L S 3 75

**WHITEWRIGHT,** 1,563--Whitewright Elec. Co.; cap. $15,000.
*¶ Owner & Mgr.
Howard Brodhead.........Whitewright
Engr. Pwr. Sta. Leon Waite "
2 a. c. G. E. tot. 150 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 165 hp. e. Ide; 200 hp. b. Atlas.
City cont. 48 incs. mult. 60 w. $16.80 per yr; all nt; coal $2.50.
L S 1 ✠ ★16

**WHITNEY,** 766—*C. Gollihar.
1 d. c. G. E. 45 kw. 220 v; d. c. nt. ltg. cir. 220 v. 60 hp. e. Atlas; 60 hp. b. Atlas; operated in conjunction with gin plant.
City cont. 20 Mazdas 16 c. p. $12 per yr; coal & wood.
C L S 25

**WICHITA FALLS,** 12,500—Wichita Falls Elec. Co. (In Dec. 1915 absorbed the Citizens Lt. & Pwr. Co.) (Controlled by The Southwestern Pwr. & Lt. Co.) cap. outstg $200,000 (pfd.); $500,000 (com.); bds. $500,000.
Pres. Frank Kell...........Wichita Falls
V. Prests. Mgr. F. N. Lawton "
C. L. Cox..............Dallas
G. E. Claflin..New York, N.Y.
Sec. & Treas. J. C. Thompson.....Dallas
Asst. Sec. J. C. Mytinger...Wichita Falls
Asst. Treas. R. E. Huff.... "
Asst. Secys. & Asst. Treasrs. W. H. Painter.....Dallas
Dudley Foulkes
New York, N. Y.
3 a. c. West, tot. 500 kva. 2400 v; 3 ph. 60 cys; 4 d. c. —— tot. 1300 kw. 600 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v; 900 kw. stm turb. West. 545 hp. b. St. L., Cor.
City cont. 29 arcs 2000 c. p. $83.33 per yr; 165 Mazdas; all nt: natural gas. (Energy sold to Wichita Falls Trac. Co.)
C D L S 3 ✠ 16

**WILLS POINT,** 1,398—*Wills Point Elec. Lt. Co.; cap. $10,000.
Pres. O. L. Johnson..........Wills Point
V. Pres. Wm. L. Johnson.... "
Sec. & Treas. W. B. Rodgers. "
4 d. c. Northn. tot. 180 kw. 220 v; d. c. day cir. 22 v; 200 hp. e. Ide; 150 hp. b. Brnl.
City cont. 3 arcs; moonlt.
C D L S ✠ 70

**WINSBORO,** 1,741—Winsboro Cotton Oil Co.; cap. $58,800; no bds.
Pres. T. N. Skeen..............Winsboro
V. Pres. T. J. Gibson............ "
*Sec. J. B. Alvis................. "
¶ Treas. & Mgr. C. E. Carlock... "
Supt. & Engr. Pwr. Sta.
Walter Leonard.............. "
1 a. c. West. 50 kw. 2200-110 v. s. ph. 60 cys; a. c day (summer) & nt. ltg. cir. 110 v. 60 cys; a. c. (summer) & nt. mo. cir. 110 v. s. ph. 60 cys; 318 hp. e. Brnl. L. & B; 240 hp. b. Murray, 240 Brnl.
City cont. 15 incs. series 4 amp. 40 c. p. $18 per yr; lignite $1.17.
D L S 1 • 84E

**WINTERS,** 1,347—Winters Lt. & Milling Co; cap. outstg. $15,000; no bds.
Pres. J. L. Allred.................Winters
Sec. & Eng. Pur. Sta.
N. L. Roberts................. "
*Treas., Mgr. & Cont. Agt.
A. F. Roberts.................. "
2 a. c. F. M. & Co. tot. 67½ kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys. 95 hp. e. (oil) F. M. & Co., Rumely.
City cont. 100 Mazdas $39 per yr; all nt; distillate 4½ cts. per gal.
D G L 13 ✠ ★16

**WOLFE CITY,** 1,402—Wolfe City Lt. Co.; cap. $6,000; no bds.
Pres. M. Lasker..................Galveston
V. Pres. E. Lasker............. "
*¶ Sec. Treas. & Mgr.
Fred Honea....................Wolf City
Engr. Pwr. Sta. T. H. Lawson,, " "

1 a. c. Allis-C 70 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v: 200 hp. e. Mur, Cor; 150 hp. turb. (stm.) Kerr; 180 hp. b. O'B, Mur; ice plant.

City cont. 4 Mazdas 250 & 100 w; all nt; metered; coal $2.50.

D I L S 3 ✠ 16

**WORTHAM,** 899—Wortham Lt. Co.
Pres. A. E. Falke..................Giddings
V. Pres. T. B. Poindexter......Wortham
*Sec. & Treas. W. L. Keeling... "
¶Mgr. & Cont. Agt. C. T. Epps.. "
Supt. G. Leverett................ "

2 d. c. Northn. tot. 132 kw. 220 v: d. c. day cir. 220 v; 63 hp. e. Ideal; 100 hp. b. June.

City cont. 450 incs. $6 per yr; lignite $1.25.

C D L S ✠ 23

**YOAKUM,** 4,657—Yoakum Pwr., Lt. & Wtr. Co. Cap. outstg. $175,000; bds. $50,000.
*Sec. John A. Donaldson........Yoakum
¶ Mgr. & Cont. Agt.
L. L. Stephenson.............. "
Eng. Pwr. Sta. P. L. Holloway.. "

3 a. c. G. E. tot. 683 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 700 hp. e. L. & B; 400 hp. b. Alamo, Brnl. 500 hp. e. (gas) Busch-Diesel.

City cont. 64 nitro. lamps 400 c. p. (15) $69 per yr; 100 c. p. (33) $33 per yr. and 60 c. p. (16) $1.75 per yr; all nt; oil $1 & $1.25 per bbl.

D G L S 1 8 ★16

**YORKTOWN,** 1,180—Yorktown Lt. & Ice Co.
*Owner E. A. Clousnitzer......Yorktown
¶ Mgr. & Engr. Pwr. Sta.
J. R. Evans.................. "

2 a. c. G. E. tot. 135 kw. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. day & nt. mo. cir. 110 v; 125 hp. e. Star; 300 hp. b. Erie, Ames; 70 hp. e. (gas) Rath; 70 hp. gas pro. Smith; also 10 ton ice plant (York).

City cont. 52 Mazdas 80 c. p. $21.60 per yr; all nt; lignite $1.76; oil $1.05.

D G I L S 1 ✠ 123w

## UTAH.

**ALTA**—*Alta Consolidated Power Co.

2 a. c. G. E. & West. tot. 600 kw. 6600-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 440-220 v; 500 hp. turb. Pelton.

D L W 3 *16†

**AMERICAN FORK,** 2,797—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.

D L 3 35

**BEAVER,** 1,899—Munic. Elec. Lt. Plant; cost $18,000; bds. $10,000.
*Mayor Warren Shepherd.....Beaver City
Recorder & Treas. Nancy Baker "
¶ Cont. Agt. Samuel Hooton.. "
Supt. & Engr. Pwr. Sta.
C. S. Skinner............... "

1 a.c. Warren 90 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 200 hp. turb. (wtr.) Pelton.

D L W 3 34

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The Beaver River Pwr. Co. Office, Provo. Gen. sta., Beaver River Canyon, near Beaver; cap. $400,000; bds. $775,000 ($500,000 assumed by purchasers of Idaho property.)
Pres. F. C. Noon.....................Provo
V. Pres. P. N. Nunn................. "
Sec. H. R. Waldo...............Boise, Ida.
Treas. W. L. Biersach.................Provo
Mgr. A. L. Woodhouse..........Richfield
Supt. & Engr. Pwr. Sta.
H. E. Diehl.........................Beaver

2 a. c. West. tot 2000 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v; 3000 hp. turb. wtr. A. D. Co; trans v. 44,000 v.

City cont. 350 Mazdas 25-40-100 w. $9, $15, $24 per yr. (Serves Minersville and Milford; also sells energy in bulk to Southern Utah Pwr. Co.)

D N W 3 ✠ 115

**BINGHAM,** 3,000—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 5000-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**BOUNTIFUL,** 1,677—Bountiful Light & Power Co.
Pres. James A. Eldridge....Woods Cross
V. Pres. Nathan T. Porter....Centerville
Sec. & Treas. Chas. R. Mabey..Bountiful
*¶ Mgr., Audr. & Cont. Agt.
Wm. Davey.......................... "

Energy purchased from Utah Pwr. & Lt. Co; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. 2 & 3 ph. 60 cys. (Co. does com. ltg. business in Bountiful and Centerville.)

D L 2 3 ★115

**BRIGHAM,** 3,685—Munic. Elec. Lt. Plant (gen. sta. 1 mi. east of city); bds. $30,000.
Treas. P. R. Wight..............Brigham
¶ Cont. Agt. J. F. Hansen...... "
Supt. & Ch. Engr. Pwr. Sta.
Julius Wright................... "

2 a. c. West. G. E. tot. 750 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 1300 hp. turb. (wtr.) Pelton.

23 city arcs; 118 incs; all nt. (Sells energy to Perry Elec. Lt. & Pwr. Co.)

D L W 3 16

**COALVILLE,** 976—The Coalville Elec. Lt. Co.
*Mgr. J. H. Hartley..............Coalville

L 22

**EPHRAIM,** 2,296—Munic. Elec. Lt. Plant; cost $32,000; bds. $12,000.
Mayor, C. Willardson............Ephraim
Elec. Lt. { Andrew Hanson...... "
Comn. { Lauritz Nielson...... "
*Supt. J. H. Jensen............... "

1 a. c. G. E. 150 kw. 4000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 230 v. s. & 3 ph; 300 hp. (wtr.) Pelton.

16 city arcs 6 amp; 200 tung. 40 w.

D L W 1 3 ★16

**EUREKA,** 3,416—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 11,000-5000-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**FAIRVIEW,** 1,218—Munic. Elec. Lt. Plant; bds. $15,000.
*¶ Mgr. & Engr. Pwr. Sta.
Nephi Cruser.....................Fairview

1 a. c. West. 75 kw. 2400 v. 3 ph. 60 cys. a. c. day (two days a week) & nt. ltg; cir. 110 v: 132 hp. turb. (wtr.) Pelton.

73 city incs. G. E. 60 w; all nt.

D L W 3 75

**FARMINGTON,** 1,231—*Munic. Elec. Lt. System. Energy purchased from Utah Pwr. & Lt. Co.

L 94†

**FOUNTAIN GREEN,** 875-Big Springs Elec. Co. (two gen. stas.); cap. $20,000; no bds.

Pres. John A. Holman....Fountain Green
V. Pres. A. James Aagard " "
*¶ Sec., Treas. & Mgr.
Ernest R. Anderson..............Moroni

2 a. c. Warren G. E. tot. 300 kw. 5500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. turb. (wtr.) Pelton, Doble.

City cont. 72 Mazdas 80 w. $7.20 per yr; all nt. (Co. also lts. Moroni and Wales.)

D L W 1 3 ✠ 25

**GRANTSVILLE,** 1,154—Clark Elec. Lt. & Pwr. Co. See Tooele.

**HELPER,** 816—Helper Elec. Lt. & Pwr. Co.
¶ Pur. Agt. W. E. Lefaivre
Equitable Bldg., Denver
Supt. J. T. Slattery................Helper

2 d. c. tot. 228 kw. 240 v; d. c. nt. ltg. cir. 220 v; 150 hp. e. West; 150 hp. b.

C L S ★16†

**HOOPER,** 1,500—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 220 110 v. 3 ph. 60 cys.

D L 3 35

**HYRUM,** 1,833—Munic. Elec. Lt. & Pwr. Plant.
Mayor, H. H. Jensen...............Hyrum
Recorder, Asael Allen............... "
Treas. Hans Nickleson ........... "
*¶ Cont. Agt., Supt. & Ch. Engr.
Jos. Appleyard..................... "

1 a. c. Haw. 100 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys: 164 hp. turb. Platt.

D L W 3 ✠ ★16

**KAYSVILLE,** 1,000—*Munic. Ltg. System. Purchases energy from Utah Pwr. & Lt. Co.

L 94†

**LAYTON,** 1,000—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60cys; a.c. day & nt. mo. cir. 11,000-2300-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**LEHI,** 3,000—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt, ltg. cir. 220 110 v. 60 cys; a.c. day & nt. mo. cir. 6600-2300-440-220-110 v, 3 ph. cys.

D L 3 35

**LOGAN,** 7,522—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 4000-220-110 v. 3 ph. 60 cys. (Serves No. Logan through No. Logan Tel. & Elec. Co.)

D L 3 35

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Munic. Elec. Lt. Plant. (Plant 5 mi. E. of City). Bds. $77,000.
Mayor, P. A. Thatcher.............Logan
Bd. { James Larson............ "
Comrs. { John Quayle.............. "
Audr. W. H. Larson................. "
*¶Supt. H. C. Manghan .............. "
Engr. Pwr. Sta. A. Young.......... "

2 a. c. West. tot. 500 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a.c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 900 hp. turb. (wtr.) Platt.

250 city incs. series 6.6 amp. 100 w.

D L W 1 3 ✠ ★16

**MAMMOTH CITY,** 1,771—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt mo. cir. 5000-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**MANTI,** 2,423—Munic. Lt. & Pwr. Plant; cost $17,500; bds. $25,000.
*Supt. & Ch. Engr. Geo. Brox......Manti
Engr. Pwr. Sta. Gustav Brox......... "

1 a. c. West. 150 kva. 2400 v. 3 ph. 60 cys; a. c. day (except 2 hours Sunday A. M.) & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v: 100 hp. wtr. wh. Pelton.

62 city incs. Sunbeam 4 amp. and 100 Carbon; all nt. (Will install engine.)

D L W 3 16

**MIDVALE,** 2,000—The Progress Co. See Murray.

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Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 6600-440-220-110 v. 3 ph. 60 cys.

D L 3 35

**MILFORD,** 1,014—The Beaver River Pwr. Co. See Beaver.

**MOAB,** 615—Moab Lt. & Pwr. Co; cost $12,500.
Owners { Mgr. C. A. Hammond.... Moab
{ F. B. Hammond .......... "
*Supt. & Ch Engr. Bruce Cox....... "

1 a. c. West. 50 kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg cir. 110 v; 65 hp. wtr. wh. Lef.

City cont. 500 Mazdas 60-40 & 25 w. all nt.

L W 3 §115

**MORGAN,** 1,000—Como Lt. & Pwr. Co. Main office, 1605 Otis Bldg., Chicago, Ill.; cap. outstg. $60,000; bds. $60,000.
*Pres. Treas. & Gen. Mgr., F. M. Burdick
1130 Consumers Bldg., Chicago, Ill.
V. Pres. Louis Ingram..Beaver Falls, Pa.
Sec., T. F. Thorne
c/o. Continental Coml. Natl. Bk.
Chicago, Ill.

Energy purchased from Utah Pwr. & Lt. Co. 4000 v; a. c. day & nt. ltg. cir.

City cont. 50 st. lts. (Co. also lts. Porterville, Richville and Milton.)

D L X ✠ ★16

**MORONI,** 1,223—Big Spring Elec. Co. See Fountain Green.

City cont. 73 incs. 32 c. p. $7.20 per yr.

L 25

**MT. PLEASANT,** 2,280—Munic Elec. Lt. Plant (Hydro-elec. sta. 4½ miles east of city); cost $46,000; bds. $38,000.
Mayor, Daniel Rasmussen...Mt. Pleasant
*City Recorder,
Arthur Nielson ............. "
City Treas.
Hannah Barnett ............ "
Supt. N. P. Nielson, Jr......... "
Engr. Pwr. Sta.
Amasa Ericksen............ "

1 a. c. G. E. 150 kw. 4000 v. 3 ph. 60 cys; a. c. day (half) & nt. ltg. cir. 110 v; 1 wtr. wh. — hp. Pelton.

D L W 3 ★16

**MURRAY,** 4,057 — The Progress Co.; cap. $500,000; bds. $100,000.
Pres. & Treas. John P. Cahoos...Murray
*Sec. & Mgr. Chester P. Cahoos .. "
Cont. Agt. D. Branson Bunton... "
Engr. Pwr. Sta. Veronal Park.... "

Buys energy from Utah Pwr. & Lt. Co.; 2 a. c. G. E. tot. 225 kw. 2300 v. 3 ph. 60 cys.; a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 440-220 v. 3 ph. 60 cys; 1200 hp. turb. (wtr.) Leffel. (Co. also lts. Midvale, W. Jordan, Holliday, Winder, Wilford, East Mill Creek and Pleasant Green.)

D L W 3 ✠ 25

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Munic. Elec. Lt. Plant; Gen. sta. in Little Cottonwood Canyon; bds. $60,000.
Mayor, George A. Husher.........Murray

Gen. Supt. Harry R. Margetts
330 Fifth East St., Salt Lake City
h. Engr. T. I. Yates
Boston Bldg., " " "
2 a. c. West. tot. 800 kw. 2300 v. 3 ph. 60 ys; 2 d. c. West. tot. 50 kw. 125 v; a. c. ay & nt. ltg. cir. 115 v. 60 cys; a. c. day o. cir. 110-220 v. s. & 3 ph. 60 cys; 1200 p. turb. (wtr.) Pelton.
185 city Mazdas 6.6 amp. 100 c. p.
C D L W 1 3 25

**EPHI,** 2,759—*Munic. Elec. Lt. Plant.
upt. & Engr. Pwr. Sta.
Wm. G. Talmage..............Nephi
1 a. c. G. E 150 kw. 110 v. 3 ph. 60 cys; c. day & nt. ltg. cir. 105 v. 60 cys; a. c. o. cir. 3 ph. 60 cys; 150 hp. turb. Smith.
700 incs. 16 c. p. 7 cts. per kw. hr.
D L W 3 23

**GDEN,** 25,580—Utah Pwr. & Lt. Co. (Leases Blacksmith's Fork Lt. & Pwr. Co ) See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v. 60 ys; a. c. day & nt. mo. cir. 4000-440-220-10 v. 3 ph. 60 cys.
D L 3 35

**RANGEVILLE,** 648—Elec. Pwr. & Milling Co; cap. outstg. $10,000.
res. Joseph H. Taylor........Orangeville
. Pres. Hyrum Seely........ Castle Dale
Sec., Treas. & Mgr.
John H. Taylor..........Orangeville
1 a. c. W. E. 50 kw. 2300 v. 3 ph. 60 ys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. . day mo. cir. s ph. 60 cys; 125 hp. wtr. vh. Pelton.
City cont. 28 incs. Sunbeam 40 w. tot. 168 per yr. all nt. (Co. also lts. Castle ale.)
D L W 1 3 ✣ 75

**ARK CITY,** 4,200—Utah Pwr. & Lt. Co. See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v. 60 cys; c. day & nt. mo. cir. 11,000-2300-220-110 3 ph. 60 cys.
D L 3 35

**AYSON CITY,** 3,000—Munic. Elec. Lt. Plant; cost $28,000; bds. $12,000.
¶Mgr. D. L. Coombs.......Payson City
1 a. c. G. E. 100 kw. 2300-115 v. 3 ph. 60 ys; a. c. day & nt. ltg. cir. 115 v. 60 ys; a. c. mo. cir. 230-115 v. s. & 3 ph. 0 cys; 150 hp. e. Ball; 150 hp. turb. elton: 160 hp. b. Platt. Purchases energy rom U. S. Government.
150 city incs. 100 c. p; all nt; coal $3.75.
D L S W 1 3 ✣ 16

**ERRY**—Perry Elec. Lt. & Pwr. Co. P. O. address, Brigham R. F. D. No. 2; cap. auth. $20,000.
res. V. F. Davis..................Perry
. Pres. John W. Francis.......... "
Sec. & Treas. James Young........ "
h. Elecn. Julius Wright....Brigham City
Energy purchased from Brigham City.
L 75

**LEASANT GROVE,** 1,618 — Utah Pwr. & Lt. Co. See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v 60 cys; c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 0 cys.
D L 3 35

**RICE,** 1,750—Munic. Elec. Lt. Plant. (Operated, under contract, by Utah Pwr. & Lt. Co.); cost $32,000.
¶Clerk, L. A. Lauber ..............Price
ngr. Pwr. Sta. J. H. Manson....... "
2 a. c. G. E. West. tot. 372 kw. 2400 v. ph 60 cys: a. c. day & nt. ltg. cir. 110 v; . c. day & nt. mo. cir. 220 v; 185 hp. e. ckye; 1200 hp. b. U. I. Wks, Erie. 87.5 kw. stm. turb. West.
98 city tung; all nt; coal 75 cts.
D L S 3 ★16

**PROVIDENCE,** 1,020—Utah Pwr. & Lt. Co. See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 5000-440-220-110 v. 3 ph. 60 cys.
D L 3 35

**PROVO,** 9,050 — Utah Pwr. & Lt. Co. See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt mo. cir. 5000-440-220-110 v. 3 ph. 60 cys.
D L 3 35

**RICHFIELD,** 2,559—Southern Utah Pwr. Co. General office, Provo.
Pres. F. C. Noon...................Provo
*V. Pres. & Mgr.
A. L. Woodhouse..............Richfield
Sec. H. R. Waldo..............Boise, Ida.
Treas. W. L. Biersach...............Provo
Audr. C. E. Ericksen................ "
Gen. Supt. F. J. Wight...........Richfield
4 a. c. G. E., Allis-C. tot. 705 kw. 2300 v. 3 ph. 60 cys; trans. volt. 44,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 375 hp. e. A. & S., Ball; 240 hp. b. Erie City; 590 hp. wtr. wh. Allis-C., Leffel; also purchases energy from the Beaver River Power Co; 16 transf. Allis-C. tot. 1600 kw.
City cont. 257 Mazdas 40-60 w. $9 & $15 per yr; all nt.; slack. (Serves Sevier, Joseph, Elsinore, Central, Annabella, Richfield, Glenwood, Venice, Sigurd, Vermillion, Aurora, Salina and Redmond, in Sevier County; Centerfield, Gunnison, Mayfield, Sterling and Fayette in Sanpete County.)
D L S W 1 3 ✣ 115

**RICHMOND,** 1,562—Utah Pwr. & Lt. Co. See Salt Lake City.
a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.
D L 3 35

**SALINA,** 1,082 — Salina Milling Co. (Successor to Sevier Lt., Pwr. & Milling Co.); cap. $30,000; no bds.
Pres. M. O. Packard..........Springville
V. Pres. E. E. Hoffman.........Richfield
Sec. & Treas. A. J. Louis ..........Salina
Mgr. W. R. Smith...................... "
1 a. c. Warren 60 kw. 2300-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v; 125 hp. wtr. whl. Pelton.
City cont. 60 incs. 32 c. p. $1 per yr; all nt. (Also lts. Redmond.)
D L W 1 ✣ ★16

Southern Utah Pwr. Co. See Richfield.

**ST. GEORGE,** 1,769—Munic. Elec. Lt. Plant; cost $15,000.
*Mgr. M. Kemp...................St. George
1 a. c. E. M. C. 45 kva. 2300 v. 3 ph. 60 cys; trans. 5000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys; 100 hp. wtr. wh. Pelton.
D L W 1 3 ✣ 16

**SALT LAKE CITY,** 100,000 — Utah Pwr. & Lt. Co. Main Office, Kearns Bldg. (Consol. of property of Idaho Pwr. & Transp. Co., Idaho Falls; Bear Lake Pwr. Co., Montpelier; The Elec. Co., McCammon; Idaho-Utah Elec. Co., Preston, all in Idaho: High Creek Elec. Lt. & Pwr. Co., Richmond; Blacksmith's Fork Lt. & Pwr. Co., (leased) Ogden; Utah-Idaho Sugar Co ,(power plant only) Garland; Merchants Lt. & Pwr. Co., Ogden; Davis & Weber Counties Canal Co., (power plant only) Ogden; Home Tel. & Elec. Co., Farmington;

Davis County Lt. & Pwr. Co., Farmington; Salt Lake & Ogden Ry. Co., (power plant only) Farmington; Utah Lt. & Trac. Co. (lt. & pwr. business and power plants.), Salt Lake City; Knight Consol. Pwr. Co., Provo; The Telluride Pwr. Co., (Idaho and Utah Dept.) Provo; Park City Lt., Ht. & Pwr. Co.; The Electric Co., Provo; The Eureka Elec. Co.; The Camp Floyd Elec. Co., Mercur, and The Institute Elec. Co., Bingham, all in Utah.) (Leases and operates as part of its system the electric light and power and gas properties of Utah Lt. & Trac. Co.) (Controls the Western Colorado Pwr. Co., Montrose, Colo., and is in turn controlled by Utah Securities Corporation, 71 Broadway, New York.) Cap. stk. outstg. $40,837,000; bds. outstg. $11,000,000.

Chm. Bd. S. Z. Mitchell..New York, N.Y.
Pres. D. C. Jackling.................Salt Lake City
V. Prests. (Gen. Mgr.) C. E. Groesbeck......Salt Lake City
V. Prests. W. S. McCornick......Salt Lake City
V. Prests. G. E. Claflin.....New York, N.Y.
V. Prests. G. M. Dahl.......New York, N.Y.
Sec. & Asst. Treas.
Geo. B. Thomas..........Salt Lake City
Treas. & Asst. Sec.
E. P. Summerson..........New York, N. Y.
Asst. Treas. & Asst. Sec.
A. E. Smith..................."
¶ Pur. Agt. A. D. Smith.......Salt Lake City
Gen. Supt. S. R. Inch.........Salt Lake City
Div. Mgr. D. C. Green..........."
Engr. M. Cheever................"
Agt. W. J. Barrette............."

Stm. elec. stas. in Farmington, Garfield and Salt Lake City, Utah; St. Anthony and Downey, Idaho; hydro-elec. stas. nr. Idaho Falls on Snake River; at St. Anthony on North Fork of Snake River; nr. Teton on Teton River; nr. Georgetown on Georgetown Creek; nr. Paris on Paris Creek; nr. Grace on Bear River; nr. McCammon on the Portneuf River; nr. Preston on Cub River, all in Idaho; nr. Hyrum on Blacksmith's Fork; nr. Collinston on Bear River; nr. Logan on Logan River; nr. Willard on Willard Creek; nr. Ogden on Weber River and nr. Ogden on Ogden River; nr. Farmington on Farmington Creek; 2 nr. Murray on Mill Creek; 2 nr. Midvale on Big Cottonwood Creek; nr. Alpine on Alpine Creek; 2 nr. American Fork on American Fork; nr. Riverton on Jordan River; nr. Pleasant Grove on Battle Creek; at Olmsted on Provo River; nr. Santaquin on Summit Creek; nr. Heber on Provo River; nr. Midway on Snake Creek; nr. Park City on Ontario Drainage Tunnel, all in Utah: trans. 130,000-44,000-28,000 22,000 v. 3 ph. 60 cys; distribution 11,000-6600-5000-4000-2300-440-220-110 v. Serves Ammon, Ashton, Bennington, Bloomington, Chester, Downey, Franklin, Georgetown, Grace, Idaho Falls, Iona, Lincoln, Marysville, McCammon, Menan, Montpelier, Ovid, Paris, Preston, Rexburg, Rigby, St. Anthony, St. Charles, Salem, Sugar City, Teton, Thornton, Ucon and Wilford all in Idaho; Alpine, American Fork, Arthur, Bakers, Bingham, Bountiful, Brighton, Cache Jct., Cedar Fort, Centerville, Clearfield, Clinton, Copperfield, Coveville, Devil's Slide, Draper, East Garland, E. Layton, E. Mill Creek, Elkhorn, Eureka, Farmington, Fielding, Ft. Bingham, Ft. Herriman, Garland, Grantsville, Highland Boy, Hooper, Holliday, Hot Springs, Howat, Huntsville, Hyde Park, Kaysville, Knightsville, Lark, Layton, Lehi, Lewiston, Littleton, Logan, Magna, Mammoth City, Mantua, Mapleton, Marriott, Midvale, Middleton, Morgan, Mosida, Murray, No. Logan, Ogden, Ophir, Park City, Perry, Plain City, Pleasant Green, Pleasant Grove, Pleasant View, Potterville, Providence, Provo-Provo Bench, Richmond, Richville, Riverdale, River Heights, Riverside, Riverton, Roy, Santaquin, Silver City, Salt Lake City, Sandy, Smithfield, So. Bountiful, So. Jordan, Stockton, Syracuse, Tooele, Topliff, Tremonton, Trenton, Welby, Wellsville, West Layton, West Webber and Wilson, all in Utah.

STEAM ELEC. PLANTS.

IDAHO:

DOWNEY.—1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; 300 hp. e. Ball; 250 hp. b. Kewanee.

ST. ANTHONY.—1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; 125 hp. e. Porter-Allen; 150 hp. b. Scotch Marine; trans. volt. 11,000 v. 3 ph. 60 cys.

UTAH:

FARMINGTON.—2 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; 500 hp. e. E. P. Allis; 536 hp. turb. (stm.) G. E. 1206. hp. b. Heine; trans. volt. 44,000 v. 3 ph. 60 cys.

MAGNA.—5 a. c. G. E. tot. 8500 kw. 4000 v. 3 ph. 60 cys; 11,394 hp. e. Allis-C. Nordberg; 8,380 hp. b. Heine; 3 transf. West. tot. 9000 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

JORDAN—2 a. c. West. tot. 16,000 kw. 4000 v. 3 ph., 60 cys; 20,000 hp. turb. West; 7200 hp. b. Sterling.

HYDRO-ELEC. PLANTS.

IDAHO:

GEORGETOWN.—1 a. c. West. 180 kw. 6600 v. 3 ph. 60 cys; 300 hp. wtr. wh. Leffel.

"NEW" GRACE.—2 a. c. G. E. tot. 22,000 kw. 6600 v. 3 ph. 60 cys; 33,000 hp. wtr. wh. Morris; 9 transf. G. E. tot. 30,000 kva; trans. volt. 130,000-44,000 v. 3 ph. 60 cys.

"OLD" GRACE.—2 a. c. West. tot. 11,000 kw. 2300 v. 3 ph. 60 cys; 17,000 hp. wtr. wh. Allis-C; 6 transf. West. tot. 11,000 kva; transf. volt. 44,000 v. 3 ph. 60 cys.

HIGH CREEK.—2 a. c. Allis-C, Warren tot. 550 kw. 2300 v. 3 ph. 60 cys; 1000 hp. wtr. wh. Platt; 3 transf. Allis-C tot. 600 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

IDAHO FALLS.—5 a. c. Allis-C tot. 1875 kw. 2300 v. 3 ph. 60 cys; 3400 hp. wtr. wh. Leffel Allis-C; 6 transf. Allis-C. G. E. tot. 1200 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

McCAMMON—1 a. c. F. M. & CO. 60 kw. 1150 v. 3 ph. 60 cys; 100 h. p. wtr. wh. Samson.

PARIS—1 a. c. Allis-C. 650 kw. 6600 v. 3 ph. 60 cys; 1180 hp. wtr. wh. Allis-C.

ST. ANTHONY—1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 750 hp. wtr. wh. Leffel; 3 transf. G. E. tot. 600 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

TETON—1 a. c. G. E. 100 kw. 2300 v. 3 ph. 60 cys; 127 hp. wtr. wh. Leffel; 3 transf. West. tot. 90 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

UTAH:

ALPINE—2 a. c. West. tot. 1750 kw. 6600 v. 3 ph. 60 cys; 3000 hp. wtr. wh. Doble.

"LOWER" AMERICAN FORK—2 a. c. G. E. tot 950 kw. 6600 v 3 ph. 60 cys; 1450 hp. wtr. wh. Pelton, Allis C; 3 transf. West. G. E. 1875 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

"UPPER" AMERICAN FORK—2 a. c. West. tot. 1200 kw. 6600 v. 3 ph. 60 cys; 2,000 hp. wtr. wh. Pelton.

BATTLE CREEK—1 a. c. G. E. 2400 kw. 2300 v. 3 ph. 60 cys; 4000 hp. wtr. wh. Pelton; 3 transf. G. E. tot. 3000 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

DAVIS—1 a. c. G. E. 312 kw. 2300 v. 3 ph. 60 cys; 530 hp. wtr. wh. Doble; 3 trans. G. E. tot. 225 kva; trans. volt. 11,000 v. 3 ph. 60 cys.

DEVIL'S GATE—1 a. c. W. E. 2500 kw. 00 v. 3 ph. 60 cys; 4200 h. p. wtr. wh. Pel-n; 3 transf. West. tot. 2625 kva., trans. lt. 44,000 v. 3 ph. 60 cys.

GRANITE—2 a. c. West. tot. 1500 kw. 0 v. 2 ph. 60 cys; 2700 hp. wtr. wh. Pel-n; 4 transf. Allis-C., West. tot. 1500 kva; ansf. volt. 28,000 v. 3 ph. 60 cys.

HYRUM—2 a. c. G. E. tot 2500 kw. 00 v. 3 ph. 60 cys; 4300 hp wtr. wh. llis-C; 2 transf. G. E. tot 2700 kva; ans. volt. 44,000 v. 3 ph. 60 cys.

JORDAN NARROWS—2 a. c. West. t 1000 kw. 500 v. 3 ph. 60 cys; 1344 hp. tr. wh. Smith; 3 transf. Converse tot. 0 kva; trans. volt. 44,000 v. 3 ph. 60 cys.

LOGAN—2 a. c. G. E. tot 2000 kw. 50 v. 3 ph. 60 cys; 3000 hp. wtr. wh. effel; 6 transf. Converse tot. 2000 kva; ans. volt. 44,000 v. 3 ph. 60 cys.

"LOWER" MILL CREEK—2 a.c. G. tot. 1400 kw. 2300 v. 3 ph. 60 cys; 2600 wtr. wh. Doble; 3 transf. G. E. tot. 00 kva; trans. volt. 44,000-22,000 v. 3 ph. cys.

"UPPER" MILL CREEK—1 a. c. G. E. 0 kw. 2300 v. 3 ph. 60 cys; 650 hp. wtr. h. Doble; 3 transf. G. E. tot. 450 kva; ans. volt. 22,000 v. 3 ph. 60 cys.

MURDOCK—2 a. c. G. E. tot. 2500 kw. 00 v. 3 ph. 60 cys; 3300 hp. wtr. wh. Allis- 3 transf. G.E. tot. 4550 kva; trans. volt; ,000-44,000 v. 3 ph. 60 cys.

OLMSTED—3 a. c. G. E. tot. 7200 kw. 00 v. 3 ph. 60 cys; 10,800 hp. wtr. wh. lis-C; 9 transf. G. E. tot. 9000 kva; ans. volt. 44,000 v. 3 ph. 60 cys.

PARK CITY—2 a.c. G. E. tot. 168 kw. 00 v. 3 ph. 60 cys; 800 hp. wtr. wh. lton.

PIONEER—6 a. c. G. E., West. tot. 8000 v. 2300 v. 3 ph. 60 cys; 13,700 hp. wtr. h. Smith, Henry, Knight; 10 transf. G. , West. tot. 6250 kva; trans. volt. 44,000 3 ph. 60 cys.

RIVERDALE—2 a. c. G. E. tot. 3750 v. 2300 v. 3 ph. 60 cys; 5750 hp. wtr. wh. lis-C; 6 transf. G. E. tot. 3750 kva; ans. volt. 44,000 v. 3 ph. 60 cys.

SANTAQUIN—2 a. c. G. E. tot. 880 kw. 00 v. 3 ph. 60 cys; 1700 hp. wtr. wh. oble; 3 transf. G. E. tot. 900 kva; trans. lt. 44,000 v. 3 ph. 60 cys.

SNAKE CREEK—2 a. c. West. tot. 1180 v. 6600 v. 3 ph. 60 cys; 2000 hp. wtr. wh. oble; 1 transf. G. E. 1200 kva; trans. lt. 11,000 v. 3 ph. 60 cys.

STAIRS—3 a. c. G. E., West. tot. 1600 v. 2300 & 525 v. 3 ph. 60 cys; 2700 hp. r. wh. Pelton, Smith; 6 transf. G. E. 1545 kva; trans. volt. 28,000 v. 3 ph. cys.

WHEELON—5 a. c. West. tot. 7125 kw. 0 v. 3 ph. 60 cys; 12,300 hp. wtr. wh. organ, Leffel; 18 transf. G. E., West. 19,950 kva; trans. volt. 44,000-130 000 3 ph. 60 cys.

WILLARD—1 a. c. Allis-C. 350 kw. 2300 3 ph. 60 cys; 1 d. c. Allis-C. 300 kw. 600 700 hp. wtr. wh. Pelton; 3 transf. Allis- tot. 375 kva; trans. volt. 22,000 v. 3 ph. cys.

otal plant capacity: Idaho (stm.) 200 ., (wtr.) 36,915 kw; Utah (stm.) 25,300 . (wtr.) 50,865 kw; tot. 113,280 kw.

N S W 3 ✠ 35

**NDY,** 1,037—Utah Pwr. & Lt. Co. See alt Lake City.

**NTAQUIN,** 1,000—Utah Pwr. & Lt. o. See Salt Lake City.

. c. day & nt. ltg. cir. 220-110 v. 60 cys; c. day & nt. mo. cir. 2300-220-110 v. 3 60 cys.

L 3 35

**SILVER CITY,** 1,000—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.

D L 3 35

**SMITHFIELD,** 2,000—Utah Pwr. & Lt. Co. See Salt Lake City.

a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220-110 v. 3 ph. 60 cys.

D L 3 35

**SPRING CITY,** 1,100—Spring City Lt. & Milling Co.; cap. $12,582.

Pres. Andrew Madsen...... Spring City
*¶ Sec. J. M. Johnson...... "
Treas. Simon T. Beck...... "
Engr. Pwr. Sta, John Larsen "

1 a. c. Warren 30 kw. 110 v. s. ph. 133 cys; no day cir; 22 hp. turb. Pelton.

City cont. 64 incs. 60 w. $6.60 per yr; 65 incs. 32 c. p. all nt.

L W 1 ✠ 16

**SPRINGVILLE,** 3,356—Munic. Elec Lt. Plant; cost $30,000; bds. auth. & issued, $30,000, 5 p. c. int.

*Supt. & Ch. Elecn. L. E. Wiscombe
Springville

1 a. c. Westg. 100 kw. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 150 hp. wtr. wh. Pelton.

140 city incs. 32 c. p.; all nt.

D L W 3 16

**TOOELE,** 2,753—Clark Elec Pwr. Co. (Successor to Clark Elec. Lt. & Pwr. Co.), cap. $50,000.

Pres. W. A. Clark,
20 Exchange Pl., New York, N.Y.
V. Pres. W. A. Clark, Jr.,
Van Noys Hotel, Los Angeles, Cal.
Sec. W. C. Siderfin..........Butte, Mont.
Treas. & Mgr. E. W. Clark........Ophir
*Supt. & Engr. Pwr. Sta.
C. S. Anderson ....................Tooele

1 a. c. G. E. 250 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; 150 hp. e. Amer; 500 hp. turb. (wtr.) Pelton; 225 hp. b. Mur, Ramson. (Extra energy from Ophir Hill Co. in exchange for energy during day. Also purchases energy from Utah Pwr. & Lt. Co.)

City cont. 1 arc; 72 carbon $3.60 per yr; all nt. (Co. also lts. Stockton, Ophir and Grantsville.)

D L S W 3 ✠ 16

**VERNAL,** 836—Vernal Milling & Lt. Co. (Plant 9 miles N. W. of Vernal on Ashley Creek.); cap. $32,350; no bds.

Pres. S. R. Bennion................Vernal
V. Pres. C. S. Carter................ "
Sec. H. Tyzack...................... "
*Treas. J. K. Bullock................ "
Ch. Elecn. C. A. Johnson......... "

2 a. c. Bull. tot. 120 kw. 2300-115 v. 3 ph. 60 cys; a.c. day & pwr. cir. 2300-115 v; 150 hp. turb. (wtr.) Allis-C.

City cont. 8 arcs 700 watt $72 per yr; all nt.

D L W 3 ✠ 19

**WELLSVILLE,** 1,195—*Munic. Elec. Ltg. System. Energy purchased from Utah Pwr. & Lt. Co.

L 24

**WEST JORDAN,** 1,400—The Progress Co. See Murray.

## VERMONT.

**BARNET,** 320—Barnet Elec. Lt. Plant.

*Owner & Mgr. D. L. Judkins.....Barnet

1 a. c. G. E. 200 kw. 2300-110 v. 3 ph. 60 cys; a. c. —— 36 kva. 2300 v. 3 ph. 60 cys; day cir; 365 hp. turb. Hunt.

City cont. 50 incs. 32 c. p. $4.80 per yr; 11 P. M. (Co. also lts. East Barnet, West Barnet, Peacham, S. Peacham, McIndoe Falls and Monroe, N. H.)
D L W 3 ✠ 125

**BARRE,** 10,734—Consolidated Ltg. Co. See Montpelier.
City cont. 214 Mazda series 6.6 amp. 250 c. p. (127) $48 per yr. and 40 c. p. (87) $18 per yr; all nt.
L 16

**BARTON,** 1,330 — Munic. Elec. Lt. Plant; cost $50,000; bds. $40,000. Plant in W. Charleston.
Board of Trustees *Clerk, J. V. Rowen..Barton
F. W. Cutting......... "
C. A. Barrows......... "
Ch. Elecn. Hazen Clark........... "
Engr. Pwr Sta. H. L. Church W. Charleston
2 a. c. G. E. West. tot. 700 kw. 1040 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 1025 hp. turb. Smith, Platt.
184 city tung. 60 c. p; all nt. (Also lts. Brownington and Evansville; sells energy in bulk to municipalities of Orleans and Glover.)
D L W 3 ✠ 94

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Bellows Falls Pwr. Co. (Holding Co. and owns stock of the Fall Mountain Elec. Co., the Bellows Falls Elec. Co. and the Bellows Falls Canal Co.) (Under operating management of Chace & Harriman, Inc.).
Pres. George B. Baker, 50 Congress St., Boston, Mass.
V. Pres. Malcom G. Chase 50 Congress St., "
Sec. R. Y. Fitzgerald 50 Congress St., "
Treas. Wm. W. Brooks 50 Congress St., "
§115

**BELLOWS FALLS,** 4,883 — The Fall Mountain Elec. Co.; (controlled by Bellows Falls Pwr. Co.) (Under management of Chace & Harriman, Inc.); cap. outstg. $125,000; bds. $65,000.
Pres. Henry I. Harriman 50 Congress St., Boston, Mass.
¶ V. Pres., Mgr. & Cont. Agt. L. J. Royce..............Bellows Falls
Sec. & Treas. Wm. W. Brooks 50 Congress St., Boston, Mass.
Comptr. D. E. Fogarty..Worcester, Mass.
Ch. Engr. Pwr. Sta. J. B. Crandon Bellows Falls
6 a. c. G. E. West. tot. 1900 kw. 2300 v. 3 ph. 60 cys; trans. volt. 44,000-2300 v; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 425 hp. e. B. & W; 1300 hp. turb. (wtr.) Hunt; McC., 750 hp. b. Coghlan, Dillon; 500 kw. stm. turb. Westg. Parsons; energy also from Conn. River Pwr. Co.
City cont. 52 arcs enc. series 6.6 amps. $75 per yr; 293 Mazdas 6.6 amps. 50 w. $15 per yr; all nt; coal $5.00. (Co. also lts. Walpole, No. Walpole, Alstead and Charleston, N. H., Saxtons River, Westminster and Putney; also delivers energy to Springfield.
D L N S W 3 ✠ ★105

**BENNINGTON,** 6,211 — Twin State Gas & Elec. Co., Bennington Div. For executive officers, see Dover, N. H.
¶ Mgr. E. E. Larrabee.......Bennington
Ch. Engr. J. P. Daley........ "
3 a. c. G.E. tot. 650 kw. 2300-115 v. 3 ph. 60 cys; 1 d. c. arc Brush 120 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; 1000 hp. e. B. & W, Fitch, Bckye; 288 hp. turb. (wtr.) S. B. & S. V; 700 hp. b. Dillon. Connects with Hoosick Falls (N. Y.) plant by 30,000 trans. line.
City cont. 58 arcs $100 & $75 per yr; 103 Tung. and carbon 25, 50 & 60 c.p. $18, $25 & $35 per yr; all nt; coal $4.60. (Also lts. No. Bennington & Bennington Center.)
D L S W 1 3 ✠ 16

**BETHEL,** 1,650—Hortonia Pwr. Co. See Brandon. (Hydro-elec. plants at Gaysville and Bethel; steam plants at Bethel and Bethel Quarry).
4 a.c. G.E, West. tot. 300 kw. 6600-104 v. 3 ph. 60 cys; a.c. mo. cir. 300 kw. 440 v. 3 ph. 60 cys; — hp. e. Wheelock; 500 hp. b. Erie; 500 hp. wtr. wh. Hunt.
Moonlt; coal $5.20. (Co. lts. Bethel and Gaysville and sells in bulk to White River Elec. Co.)
L S W 3 ★125

**BRADFORD,** 631—Bradford Elec. Ltg. Co.; cap. $50,000; bds. $20,000.
Pres. C. A. Prouty.....Washington, D. C.
V. Pres. C. H. Curtis............Bradford
Sec. Mrs. M. C. Curtis........... "
¶ Treas. M. C. Brigham.........Newport
*Mgr. & Engr. Pwr. Sta. A. F. Dickey.................... "
3 a. c. G. E. tot. 390 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 22 kw. stm. turb. De Laval; 360 hp. turb. (wtr.) Hol; 152 hp. b. Worth.
Total number of st. lts., 326 32 c. p. $1 per yr; all nt. (Also lts. Newbury, Fairlee, Vt.; Oxford, Piermont, Haverhill and No. Haverhill, N. H.)
D L S W 1 2 2

**BRANDON,** 1,608—Hortonia Pwr. Co (In Dec. 1915, purchased property of the Neshobe Elec. Co. and the Gaysville Lt. & Pwr. Co.)
V. Pres. & Gen. Mgr. Irving M. Frost, Gryphon Bldg., Rutland
8 a. c. G. E. tot. 200 kw. 1100-110 v. s. ph 125 cys; 1 a. c. Ft. W. 100 kva. 2300 v 60 cys; day cir; 150 hp. e. Ball; 33 hp. turb. Smith; 150 hp. b. Ames.
City cont. 9 arcs 2000 c. p. $62 per yr 150 incs. 20 c.p. $12 per yr; moonlt. mdnt coal $4.50.
D L S W 1 ✠ ★12

**BRATTLEBORO,** 6,517—Twin State Gas & Elec. Co. Brattleboro Div. (Pwr plant at W. Dummerston.) For executive officers, see Dover, N. H
¶ Local Mgr. E. M. Addis.....Brattlebor
1 a. c. Stan. 300 kw. 11,000 v. 3 ph. 6 cys; 1 d. c. (ry.) West. 290 kw. 550 v 1 rot. conv. G. E. 200 kw. 2200 v. a. c. t 550 v. d. c; a. c. day & nt. ltg. cir. 11 v, 60 cys; a.c. mo. cir. 550-220-110 v, s & 3 ph. 60 cys; 865 hp. turb. (wtr.) Smith Hunt; also purchases energy from Connecticut River Pwr. Co. 22,000 v. 3 ph. 6 cys; 3 transf. G. E. tot. 525 kw; reserv stm. plant — a. c. G. E. 275 kw. s. & 3 ph 880 hp. e. Burlingame & Fitch; 550 hp. b Stir.
City cont. 250 Tung. 100 w. $20 per yr 70 Tung. 50 w. $18 per yr; all nt; coa $4.35. (Co. also lts. Centerville, Esteyville, West Brattleboro, West Dummerston Newfane and Hinsdale, N. H.)
C D R S W 1 3 ✠ 1

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The Connecticut River Pwr. Co., o N. H. Office, 801 Osgood Bradley Bldg. gen. sta. on Conn. River, between Vernon Vt., and Hinsdale, N. H. (Controlled b the New England Co., a voluntary association, through ownership of stock. (Under management of Chace & Harriman, Inc.); cap. outstg. $2,000,000; bd $1,948 000.
Pres. C. A. Harris..............Brattlebor
V. Pres. Clarke C. Fitts...... "
Sec. H. E. Whitney........... "
Treas. W. W. Brooks......Boston, Mas

Gen. Mgr. S. C. Moore... Worcester, Mass.
¶ Pur. Agt. M. S. Allen " "
Elec. Engr. & Asst.
Gen. Mgr. A. E. Pope " "
Cont. Agt. W. C. Durant " "
Supt. J. B. Mahoney
Shelburne Falls, Mass.
Supt. Ovhd. Distr.
F. J. Sill ............Worcester, Mass.

8 a. c. G. E. tot. 20,000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 66,000 v; a. c. day & nt. ltg. & mo. cir; 32,000 hp. turb. (wtr.) Smith.

All energy sold in bulk to the Connecticut River Transmission Co., Worcester, Mass.

D T W 3 ★16

**BRISTOL,** 1,180—Lake Dunmore Pwr. & Trac. Co. Office, Brandon; cap. $34,800; bds. $23,000.

Pres. F. E. Chandler............Brandon
V. Pres. I. N. Frost..............Rutland
Sec. & Treas. A. G. Adams...... "
*Mgr. E. D. Blackwell.............Brandon

3 a. c. G. E. tot. 250 kw. 2200-1100-110 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v; 150 hp e. A. & S; 375 hp turb. Hunt, Pelton; 150 hp. b.

City cont. 15 arcs $50 per yr; 20 incs. 20 c. p. $14 per yr.

D L S W 1 3 ✣ ★16

**BURKE,** 1183—See Lyndonville.

a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 104 v. 3 ph. 60 cys.

D L 3 16

**BURLINGTON,** 20,468—Burlington Lt. & Pwr. Co., 102 So. Winooski Ave. (Pwr. stas. at Colchester and Essex Junction.) (Operates Peoples Elec. Lt. & Pwr. Co. of Essex Jct.) (Controlled by the American Gas Co., Phila., Pa.); cap. $50,000; no bds.

Pres. Morris W. Stroud,
West Washington Sq., Phila., Pa.
Sec. & Local Mgr.
F. H. Parker..................Burlington
Treas. Jos. B. Townsend, 3d. } West Washington Sq., Phila., Pa.
Gen. Mgr. S. P. Curtis.... } West Washington Sq., Phila., Pa.
Audr. A. P. Post........... } West Washington Sq., Phila., Pa.
Asst. Mgr. D. W. Jardine.....Burlington
¶ Pur Agt. F. D. Wharton
West Washington Sq., Phila., Pa.
Elecn. F. H. Simmons........Burlington
Engr. Pwr. Sta. H. L. Thomas..Winooski

3 a. c. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 220 v. 3 ph. 60 cys; 3000 hp. turb. (wtr.) Hol, Platt; 1000 kw. turb. West; 750 hp. b. Bab. & W; trans. volt. 2300-12 000-34,000 v. 3 ph. 60 cys.

Coal $4.15. (Co. also lts. So. Burlington, Fort Ethan Allen, Winooski, Essex Center, Essex Junction and North Williston and sells energy to Consolidated Ltg. Co., Montpelier and Richmond Elec. Lt. & Pwr. Co.)

D L S W 3 ✣ 16

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Munic. Elec. Lt. Dept. Office, 139 Church St.; cost $224,000; bds. $250,000.

Bd. Comrs. { Chmn. W. S. Vincent Burlington
Bd. Comrs. { Claude D. Gratton "
Bd. Comrs. { A. H. Duhamel. "
Mgr. L. R. MacBroom....... "
Cont. Agt. W. L. Bracken "
Ch. Engr. F. C. McCaffrey ... "

4 a.c. C-W, West. tot. 1350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 275 hp. e. Watertn; 1400 hp. turb. (stm.) West; 900 hp. b. Atlas.

255 city arcs West. 6.6 amp. $65 per yr; 60 incs. (Mazdas & nitros) 60 to 600 c. p. $18-$50 per yr; all nt; coal $4.15.

D L S 3 ✣ 125

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Winooski Valley Pwr. Co. (Hydro-elec. sta. on Winooski River at Essex Jct.) (Controlled by Amer. Gas Co.)

Pres. John Wilson...........Bangor, Me.
V. Pres. & Treas.
Jos. B. Townsend, 3d..........Phila, Pa.
Sec. W. L. Fox .................. "
Mgr. F. H. Parker............Burlington
¶ Pur. Agt. F. D. Wharton....Phila., Pa.

4 a. c. G. E. wtr. wh. sets tot. 6000 kva. 2300 v. 3 ph. 60 cys. Energy sold in bulk.

T W 3 §26

**CABOT,** 1,116—Consolidated Ltg. Co. See Montpelier.

**CASTLETON,** 1,200—Rutland Ry. Lt. & Pwr. Co. See Rutland.

**CAVENDISH,** 366—Colonial Pwr. & Lt. Co. Main office, Claremont, N. H. (Pwr. stas. at Cavendish and Manchester.) (This company's system is tied into the Conn. River Pwr. Co.'s system at the Vernon plant, by a trans. line running through Bellows Falls, Vt.; also with the Rutland Ry. Lt. & Pwr. Co.'s plant at Mendon.) (Controlled by Eastern Pwr. & Lt. Corpn., 50 Pine St., New York, N. Y.); cap. $260,500; bds. $283,000.

Pres. F. V. Henshaw
14 Wall St., New York, N. Y.
V. Pres. W. S. Barstow
50 Pine St., New York, N. Y.
Sec. & Treas. J. R. Fusselman
50 Pine St., New York, N. Y.
Mgr. J. D. Whittemore..Claremont, N. H.
Supt. C. O. Randall............Cavendish
Engr. Pwr. Sta. C. D. Spencer.. "

3 a. c. Ft. W. tot. 1500 kw. 11,000 v. 3 ph. 60 cys; a. c. day & nt. service; 2200 hp. turb. (wtr.) Pelton; also purchases energy from Fall Mtn. Elec. Co. and Rutland Ry. Lt. & Pwr. Co; 3 transf. G. E. tot. 1500 kva: 44,000 v. trans. to Springfield and 11,000 v. trans. to Claremont, N. H; sells energy in bulk for ltg. and pwr. in Cavendish, Chester and Felchville.

D N W 3 ★16

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Cavendish Elec. Lt. Co.; cap. $5,000.

Pres. O. D. Gay...............Cavendish
V. Pres. M. A. Gay............ "
*Sec., Treas. & Mgr. J. E. Gay. "

Purchases energy from Colonial Pwr. & Lt. Co.

City cont. 26 incs. $15 per yr; 12.30 A.M.

L 25

**CHELSEA,** 1,074—Royalton Power Co. See Royalton.

a. c. nt. ltg. cir. 110 v. 133 cys.

L 16

**CHESTER,** 666—Chester Wtr. & Lt. Co.; cap. $16,000; no bds.

*Pres. & Mgr. E. J. Davis.........Chester
Sec. Hugh Henry.................. "
Treas. E. H. Jenkins ............ "

Buys energy from Colonial Pwr. & Lt. Co.; 5 transf. Ft. W. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 3 ph. 60 cys.

City cont. 110 Tung. 75 w. $15 per yr; 1 A. M. (Co. also lts. Chester Depot Villages.)

D L 3 ✣ 16

**CONCORD,** 1,080—Twin State Gas & Elec. Co. See St. Johnsbury.

**DANVILLE,** 1,564—Twin State Gas & Elec. Co. See St. Johnsbury.

**EAST BARRE,** 4,194—Consolidated Ltg. Co. See Montpelier.

City cont. 252 Mazdas 32 c. p. $8 per yr; moonlt; mdnt.

L 16

***EAST BETHEL,** 150—Royalton Pwr. Co. See Royalton.
a. c. nt. ltg. cir. 110 v. 133 cys.
L 16

***EAST MONTPELIER,** 985—Consolidated Ltg. Co. See Montpelier.

**ENOSBURG FALLS,** 1,153—B. J. Kendall Co., cost $19,000.
Pres. M. P. Perley........Enosburg Falls
*Sec. E. J. Parmelee...... " "
Treas. & Mgr. O. Merrill.. " "
Engr. Pwr. Sta.
E. La Flame, " "
1 a. c. G. E. 75 kw. 2200 v. 3 ph. 60 cys; 148 hp. wtr. wh. Hol. Supplies energy to city.
T W 3 §125

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Munic. Elec. Lt. Plant; cost $20,500; bds. $11,500.
W.J.Redmond.Enosburg Falls
Commrs. C. H. Burt.... " "
L. L. Marsh.. " "
Treas. A. A. Aseltine..... " "
Supt. D. H. Bailey........ " "
1 a. c. West. 75 kw. 2200 v. s. ph. 60 cys; no day cir; 185 hp. turb. (wtr.) Receives energy from B. J. Kendall Co.
140 city incs. 40 & 60 c. p. tot. $656.71.
L W 1 ✠ 125

**ESSEX JUNCTION,** 1,245—Burlington Lt. & Pwr. Co. For officers, see Burlington.
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.
City cont. 166 Tung. 40 w. $7.50 per yr; mdnt; all nt.
D L X ✠ 16

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*Winooski Valley Pwr. Co. See Burlington.

**FAIRFAX,** 1,400—Public Elec. Lt. Co. See St. Albans.
a. c. day & nt. ltg. cir. 125 v. 60 cys.
D L 1 26

**FAIRHAVEN,** 2,554 — The Western Vermont Pwr. & Lt. Co. (Controlled by the General Gas & Elec. Co.); cap. $120,000 (com.); bds. $400,000.
Pres. Joseph B. Taylor..New York, N. Y.
V. Pres. T. W. Moloney..........Rutland
Sec. O. Clement Swenson, New York, N. Y.
Treas. & Asst. Sec. C. H. West...Rutland
¶ Gen. Mgrs. W. S. Barstow & Co., Inc. New York, N. Y.
Mgr. B. T. Burt.....................Rutland
3 a. c. West. tot. 1100 kw. 2200-110 v. 2 ph. 60 cys; a. c. day cir. 100 v; pwr. cir. 200 v; 125 hp. e. A. & S; 1950 hp. turb. Alcott; 150 hp. b. Erie.
City cont. 18 arcs 6.6 amp; 191 incs. 40 c. p. $15 per yr; all nt. (Co. also lts. Poultney.)
D L S W 2 ✠ ★16

**FELCHVILLE,** 300—Reading Lt. & Pwr. Co.; cap. $5,000.
Pres. E. B. Watkins..........Felchville
*Sec. & Treas. Geo. D. Burnham "
Purchases energy from Colonial Pwr. & Lt. Co. Serves Amsden, Felchville, Reading and Ascutneyville.
L X 75

**GAYSVILLE,** 203—Hortonia Pwr. Co. See Brandon.

**GLOVER,** 598—Glover Elec. Lt. Plant.
*Owner, G. W. Grace....Westfield, Mass.
Purchases energy from Barton Munic. Elec. Lt. Plant; a. c. day & nt. ltg. & mo. cir. s. ph.
City cont. 60 incs. (Co. also lts. West Glover.)
D L 1 23

**GROTON,** 920—Groton Elec. Co.; cap. $23,200.
Pres. Thomas B. Hall..............Groton
V. Pres. John F. Hatch............ "
Sec. & Treas. E. F. Clark.......... "
*Supt. Issac N. Hall............ "
2 a. c. West. tot. 275 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2200-220 v; 420 hp. turb. (wtr.) Smith.
City cont. 31 series Tung. 40 w. $8 per yr; moonlt.
D L W 3 ✠ 75

**HARDWICK,** 2,094—Munic. Elec. Lt Plant (Gen. sta. at Wolcott); bds. $95,000.
Pres. Bd. & Mgr. James A. Gallagher Hardwick
V. Pres. W. C. Drew............ "
Sec. & Treas. Charles T. Pierce "
Audr. Geo. James ............ "
*¶Cont. Agt. & Supt. J.B.Partlow "
Engr. Pwr. Sta. A. Hathaway.. Wolcott
2 a. c. West. tot. 600 kva. 6600 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. 2 & 3 ph. 60 cys; 1000 hp. turb. (wtr.) Smith.
232 city tung. 60 c. p. $10 per yr; all nt. (Also lts. Wolcott, Woodbury and South Woodbury.)
D L W 2 3 ✠ ★16†

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Woodbury Granite Co.; cap. outstg. $1,000,000; no bds.
Pres. Chas. W. Leonard....Boston, Mass.
V. Pres. Arthur J. Holden....Bennington
Sec. & Treas. George James....Hardwick
*Mgr. Wm. C. Clifford.............Bethel
Engr. Pwr. Sta. C. A. Hoyt.....Hardwick
1 a. c. West. 1000 kw. 6600 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 500 kw. 6600 v; 1000 kw. stm. turb. Allis-C; 150 hp. b. Bab. & W; 750 hp. turb. (wtr.) Rodney Hunt.
Power only.
C S T W 3 25

**HARTFORD,** 4,179 — Mascoma Elec. Lt. & Gas Co. See White River Jct.

**HARTLAND,** 1,316 — Windsor Elec. Lt. Co. See Windsor.

**HIGHGATE,** 2.088—See Swanton.

**HYDE PARK,** 423—Munic. Elec. Lt. Plant; bds. issued $15,000, 4 p. c. int.
*H. A. Noyes .......Hyde Park
Wtr. & H. M. McFarland... "
Lt. Bd. P. G. Blake.......... "
¶Sec. F. M. Culver.. "
Engr. Pwr. Sta. C. A. Nutting "
1 a. c. West. 250 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 114 v; a. c. day & nt. mo. cir. 232 v; 250 hp. turb. (wtr.) Smith.
125 city incs. 60 c. p.
D L W 3 ✠ 16†

**ISLAND POND,** 1,573 — Island Pond Elec. Co.; cap. $75,000; bds. $22,000. (Plant located in W. Charleston).
Pres. P. H. Dale..............Island Pond
Treas. L. A. Cobb............ "
*Mgr. J. S. Sweeney.......... "
Ch. Engr. H. G. Ruiter. West Charleston
2 a. c. Bull. tot. 400 kw. 11 000-1100-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 600 hp. turb. (wtr.) Victor.
City cont. 101 incs. 32 c. p. $8.33½ per yr; all nt. (Co. also lts. East and West Charleston and Morgan.)
L W 3 ✠ 74

**JOHNSON,** 651—Munic. Elec. Lt. Plant; cost $22,000.
Pres. D. B. Smalley..............Johnson
Sec. Chas. Riddle................ "
Treas. C. N. Farrington.......... "
*¶Mgr., Cont. Agt. & Ch. Engr.
Morris S. Hill.................. "

i a. c. Warren 75 kw. 1100 v. s. ph. 133
ys; a. c. day (Tues. & Fri. A. M.) & nt.
g. cir. 104 v; 250 bp. turb. (wtr.) Smith.
D L W 1 ✠ ★16

**UDLOW,** 1,621 — Munic. Elec. Lt.
Plant; cost $40,000; bds. $30,000.
Chmn. Judge Walker..........Ludlow
'h. Engr. & Engr. Pwr. Sta.
T. F. Horan...................... "
3 a. c. G. E, West. tot. 290 kw. 2200 v. 2
h. 60cys; a. c. day & nt. ltg. cir. 117 v. 60
ys; a. c. day & nt. mo. cir. 200 v. 2 ph.
cys; 90 hp. e. Watertn; 200 hp. turb.
vtr.) Tri; 100 hp. b. Watertn.
City cont. 200 Tung. 40 w. $16 per yr:
l nt; coal $5. (Also lts. Proctorsville &
mithsville.)
D L S W 2 125

**UNENBURG,** 965—Lunenburg Mfg.
Co.
'res. & Treas. Stephen B. Powers,
Lunenburg
. Pres. N. G. King........... "
c. & Mgr. Geo. A. Balch .... "
L 23

**YNDON,** 1,150—See Lyndonville.
a. c. day & nt. ltg. cir. 104 v; a. c. day &
t. mo. cir. 104 v. 3 ph. 60 cys.
D L 3 16

**YNDON CENTER,** 259 — See Lyndonville.
a. c. day & nt. ltg. cir. 110 v; a. c. day &
mo. cir. 104 v. 3 ph. 60 cys.
D L 3 16

**YNDONVILLE,** 1,573—Munic. Elec.
Lt. Plant.
reas. Chas. D. Stevens......Lyndonville
Comr. H. E. Graves........ "
2 a. c. G. E. tot. 750 kva. 2300 v. 3 ph. 60
s; a. c. day & nt. ltg. cir. 104 v; a. c.
y & nt. mo. cir. 104-220-440-550-2200 v.
ph. 60 cys; 900 hp. turb. Smith.
All nt. (Also lts. Burke, Lyndon and
ndon Center.)
D L W 3 ✠ ★16

**cINDOE FALLS,** 663—McIndoe Falls
Lt. & Pwr. Co. (Successor to McIndoe
Falls Electric Lt. Plant
'res. Don L. Judkin......McIndoe Falls
c. & Treas. J. M. Gibson "
L ★34w

**ANCHESTER,** 478—Colonial Pwr. &
Lt. Co. Main office, Claremont, N. H.
For executive officers, see Cavendish.
n. Supt. G. F. Sanderson
Manchester Center
a. c. Ft. W., West. tot. 305 kw. 2300 v.
h. 60 cys; a. c. day & nt. ltg. & mo.
. 112 v; 225 hp. e. Erie. St. Line: 65 hp.
r. wh. Leffel; 100 hp. b. Utica Dillon.
ity cont. 126 Mazdas 40 w. $12 per
; all nt; coal $5. (Serves Manchester,
ringfield. Cavendish, Reading, Chester.
lchville, Amsden and Ascutneyville and
remont. N. H.
D N S W 3 ★16

**ARSHFIELD,** 1,032 — Consolidated
tg. Co. See Montpelier.
. c. day & nt. ltg. cir. 104 v. 60 cys; a.
mo. cir. 220 v. 3 ph. 60 cys.
ity cont. 32 incs. series 32 c. p. $8
yr.
L 3 ✠ 16

**IDDLEBURY,** 1,866 — Middlebury
lec. Co.: cap. $20,300; bds. $7.400.
es. E. P. Cushman..........Middlebury
Pres. A. H. Bristol........ "
Sec. Mgr. & Cont. Agt.
. C. Wells.................. "
eas. H. L. Cushman........ "
a. c. G. E. West. tot. 130 kw. 1100 v. 3
. 60 cys; a. c. day & nt. ltg. cir. 110 v;
cys; a. c. day & nt. mo. cir. 110-220 v.
& 3 ph. 60 cys; 175 hp. e. West; 200 hp.
turb. (wtr.) Platt; 175 hp. b. Robb.-Mum;
(steam is auxiliary).
City cont. 8 arcs West. flaming 525 w.
$72.59 per yr; 112 Mazda series 40 c.p. 6.6
amp. $14.76 per yr; moonlt. all nt.
D L S W 1 3 ✠ 74

***MIDDLESEX,** 823—Consolidated Ltg.
Co. See Montpelier.

**MONTGOMERY,** 1,250—Nelson & Hall
Co. See Montgomery Center.

**MONTGOMERY CENTER,** 1,200 —
Nelson & Hall Co. (Successor to Domina Mfg. Co.) (Gen. sta. at Samsonville.); cap. outstg. $200,000; no bds.
Pres. & Mgr.
C. J. Hall...........Montgomery Center
V. Pres. C. E. Nelson.........Derby Line
*Sec. & Treas.
R. M. Buck........Montgomery Center
1 a. c. W. E. 200 kva. 2300 v. 3 ph. 60
a. c. nt. ltg. cir. 110 v. 60 cys; 252 hp. wtr.
wh. Dayton.
City cont. 38 incs. 32 c. p. $6.06 per yr;
wood. (Also lts. Samsonville. East Berkshire and Montgomery.)
L W 3 ★26

**MONTPELIER,** 7,856 — Consolidated
Ltg. Co. (Operates the properties formerly operated as The Vermont Pwr. & Ltg. Co., Corry-Deavitt-Frost Elec. Co., Molly's Falls Elec. Lt. & Pwr. Co. and Waterbury Lt. & Pwr. Co.) (Leases the power plant of the Montpelier & Barre Lt. & Pwr. Co.) Power stas. at No. Duxbury, Middlesex, Montpelier, E. Montpelier and Moretown; cap. $1,000,000; bds. $700 000.
Pres. A. B. Tenney..... 201 Devonshire St. Boston, Mass.
V. Prests. D. E. Manson, H. T. Sands.
Treas. E. A. Bradley..... "
¶ Pur. Agt. F. P. Mooney "
Sec. & Mgr. H. D. Larrabee...Montpelier
Supt. C. J. Cookson........... "
Engr. Pwr. Sta. L. A. Lawrence "
18 a. c. G. E, West. Stan. tot. 11,200 kw.
13,200-2300 v. 3 ph. 60 cys; a. c. day & nt.
ltg. cir. 104 v: a. c. day & nt. mo. cir. 220-
2200 v; 1550 hp. e. McI. & S. Ham; 4000
kw. stm. turb. Curtis, West; 9500 hp. turb.
(wtr.) Hol, Allis-C, Smith. Platt, Dayton;
3658 hp. b. Stir, Bab. & W, Heine, H. F.
& M.; trans. volt. 33,000-13.000 v. Also
purchases energy from Burlington Lt. &
Pwr. Co.; 3 transf. G. E. tot. 2250 kw.
City cont. 113 arcs 7.5 amp. $65 per yr;
60 Mazdas 40 c. p. 7.5 amp. $19.60 per yr;
all nt; coal $5.05. (Co. also serves Barre,
No. Duxbury. Websterville, Cabot, Marshfield, Plainfield, No. Montpelier. Washington, Middlesex, W. Berlin, East Barre,
Williamstown, Graniteville; South Barre,
Waterbury, Moretown, Waitsfield, Northfield and East Montpelier.)
D N S W 3 ✠ ★16

***MORETOWN,** 886—Consolidated Ltg.
Co. See Montpelier.
City cont. 19 incs. Mult. 50 w. $8 per yr.
mdnt. moonlt.
L 16

**MORRISTOWN,** 1,217 — See Morrisville.

**MORRISVILLE,** 1.445—Munic. Elec.
Lt. & Wtr. Plant. (Pwr. plant at Cadys Falls on La Moille River); cost $116,269; bds. $92.000.
*Pres. G. M. Powers..........Morrisville
¶Sec. & Supt. C. A. Slayton ... "
1 a. c. Stanley 250 kw. 2300 v. 3 ph. 60
cys; 1 d. c. G. E. arc 15 kw; a. c. day &
nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir.
220-110 and 550 v. 3 ph. 60 cys; 700 hp.
turb. Smith.

22 city arcs 2000 c. p. & 52 incs. 32 c. p. tot. $1,050 per yr; mdnt. (Also lts. Cadys Falls, Morristown and Stowe, and furnishes pwr. to Mt. Mansfield Elec. R. R. Co.)
D L W 3 ✠ 22

**NEWBURY**, 2,035—Bradford Elec. Ltg. Co. See Bradford.

**NEWPORT**, 2,548—Newport Elec. Lt. Co.; pwr. plant at West Derby; cap. outstg. $95,500; bds. $40,000.
Pres. Chas. A. Prouty ............Newport
*Treas. & Mgr. J. A. Prouty..... "
Engr. Pwr. Sta. G. D. Smith..West Derby
3 a. c. Stan, W. E, Ft. W. tot. 1230 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 100-104 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 300 hp. e. Rus; 1600 hp. turb. (wtr.) Hol; 300 hp. b. Stewart.
City cont. 17 nitrogen Mazda arcs 20 amp. $70 per yr; 220 nitro series 6.6 amp. $10 per yr; all nt; wood. (Co. also lts. West Derby and Newport Center.)
S W 2 ✠ 12

**NORTH BENNINGTON**, 1,474—Twin State Gas & Elec. Co. See Bennington.

***NORTH DUXBURY**, 25 — Consolidated Ltg. Co. See Montpelier.

**NORTHFIELD.** 1,918—Munic. Elec. Lt. Plant; cost $50,000; bds. outstg. $9,000.
Trustees { W. B. Mayo.........Northfield
C. E. Wescott....... "
M. J. Clough........ "
Treas. C. L. Morse............... "
*¶Mgr. E. R. Britain............ "
Buys energy from Consolidated Ltg. Co.; 3 transf. G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 104 v. 3 ph. 60 cys.
274 city Carbon & tung. 30, 40 & 60 c. p. $8 & $12 per yr; mdnt; all nt.
D L 3 ★125

**NORTH TROY**, 771—North Troy Elec. Lt. & Pwr. Co.; cap. $10,000.
*¶Pres. & Mgr. C. O. Fowler..North Troy
Sec. Etta C. Fowler.......... " "
1 a. c. G. E. 1040-104 v. 2 ph. 125 cys; no day cir; 50 hp. e. (gas) Olds; 200 hp. turb. Trump.
City cont. 5 arcs $65 per yr; 36 incs 16 c. p. $10.50 per yr; all nt.
G L W 2 ✠ 22

**NORTH TUNBRIDGE**, 103—Royalton Pwr. Co. See Royalton.
a. c. day & nt. ltg. cir. 110 v. 133 cys.
L 16

**NORWICH**, 1,252—Mascoma Elec. Lt. & Gas Co. See White River Junction.

**ORLEANS**, 1,131—Elec. Lt. & Milling Co.; bds. $9,000.
*¶Mgr. H. S. Webster...............Orleans
Purchases energy from Town of Barton; a. c. ltg. & mo. cir. 115 v. s. ph. 60 cys.
L 1 ✠ 125

**PERKINSVILLE** — Vermont Soapstone Co.
Owners { *John H. Hicks....Perkinsville
Hiland H. Hicks... "
1 a. c. Ft. W. 50 kw. 2300 v. 2 ph; a. c. pwr. cir. 2300 v; 100 hp. wtr. wh. Tyler.
L W 2 ✠ 16

**POULTNEY**, 1,474—The Western Vermont Pwr. & Lt. Co. See Fair Haven.

**PROCTOR**, 2,756 — Vermont Marble Co.; pwr. plants in Proctor, W. Rutland Weybridge, Beldens, Florence and Center Rutland,
Pres. F. C. Partridge.............Proctor
V. Pres. S. A. Howard............ "
Sec. W. E. Higbee................. "
Treas. E. R. Morse................ "
Asst. Treas. A. W. Edson......... "
Pur. Agt. G. H. Boyce............ "
Supt. & Ch. Engr. G. H. Davis.... "
*Elec. Engr. C. T. Maynard....... "
10 a. c. West. G. E. tot. 7000 kw. 3300-2300-480 v. 3 ph. 60 cys; 3 d. c. G. E, West. tot. 275 kw. 250 v; 38 transf. G. E, West. tot. 9600 kw; 7 mo. gen. G. E. tot. 800 kw; a. c. day cir. 220 v; a. c. pwr. cir. 44,000-11,000-3300-2200-460 v; 1900 hp. e. Nord, Brown; 10,000 hp. turb. (wtr.) Morris, Smith.
City cont. 96 Mazdas 250 c.p. (Also lts. West Rutland.)
C D N S W 3 ✠ 125

**RANDOLPH**, 1,787—White River Elec. Co.; cap. $16,000; no bds.
Pres. C. D. Cushing...............Bethel
V. Pres. & Sec. C. E. Bartlett
Boston, Mass.
Treas. & Mgr. ——...........Randolph
*Supt. C. S. Booth.............. "
Energy purchased from Hortonia Pwr. Co.; 6600-104 v. 3 ph. 60 cys; day cir.
City cont. 150 incs. 32 c. p; moonlt.
D L 3 ✠ 75w

**READSBORO**, 835—Munic. Elec. Ltg. System.
*Supt. Frank Crozier..........Readsboro
Energy purchased from Connecticut River Trans. Co.; a. c. day & nt. ltg. cir. 110 v.
43 city arcs; all nt.
D L X 75

**RICHFORD**, 1,948 — The Sweat-Comings Co.; cap. $200,000; no bds.
Pres. C. A. Powell..............Richford
V. Pres. R. H. Whitman........ "
*Sec. & Treas. Herbert B. Comings "
¶ Mgr. Herbert C. Comings..... "
Supt. C. J. Glanville............ "
Engr. Homer Westover......... "
1 a. c. Allis-C. 400 kw. 600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 600 v. 3 ph. 60 cys; 375 hp. e. Ames; 300 hp. b. Erie; 492 hp. turb. Holyoke.
City cont. 12 arcs 6.6 amp. $70 per yr; 62 Mazda series incs. 6.6 amp. $11 per yr; all nt; waste; coal. (Co. also lts. Abercorn and Sutton, Que.)
D L S W 3 ✠ 125

**RICHMOND**, 828—Richmond Elec. Lt. & Pwr. Co.
Pres. B. J. Andrews...... Burlington
*V. Pres. & Sec. R.E. Jones.. Richmond
Treas. A. T. Stevens........... "
¶ Mgr. E. A. Rhoades .......... "
Energy from Burlington Lt. & Pwr. Co.; trans. volt. 12,000 v. 3 ph. 60 cys.
City cont. 60 incs. 30 c. p. $7 per yr; com. arcs: 2000 com. incs. 8, 16 & 32 c. p. all nt; coal.
L 3 ✠ 74

**ROCHESTER**, 1,150—Rochester Elec Lt. & Pwr. Co.; cap. $4,500.
*Pres. E. L. Pierce.............Rocheste
V. Pres. J. A. Pierce.......... "
¶ Sec., Treas. & Mgr.
L. D. Pierce.................... "
Supt. J. L. Howard............. "
Engr. Pwr. Sta. L. E. Bailey... "
1 a. c. T. H. — kw. 1100 v. 3 ph. 60 cys no day cir; 80 hp. e. Erie; 80 hp. b. Erie.
City cont. 48 incs. 50 w. $6 per yr; sawdust, shavings.
L S 3 ✠ 11

**ROYALTON**, 1,352—Royalton Pwr. Co Offices, South Royalton and 24 Milk St. Boston, Mass. (Owned by New Englan Securities Co.) Power plant at Eas Bethel; cap. ontstg. $29,550 (com. notes $18,913.

Pres. M. H. Hazen.........South Royalton
¶Sec. & Treas. N. Curtis Fletcher...... 24 Milk St., Boston, Mass.
*Mgr. & Ch. Engr.
W. M. Dewey..............South Royalton
Engr. Pwr. Sta.
Geo. Mudgett........... " "

— a. c. Ft. W. 110 v. 2 ph. 133 cys; a. c. nt. ltg. cir; 110 v; 125 hp. e. A. & S; 150 hp. b. Mumford; 90 hp. wtr. wh. Smith.

City cont. 125 incs. 40 w. $9.00 per yr; all nt; coal $5.25. (Co. also lts. So. Royalton, East Bethel, Tunbridge, North Tunbridge and Chelsea.)

L S W 2 ✣ ★16

**RUTLAND,** 13,546—Rutland Ry., Lt. & Pwr. Co. (Consol. Rutland St. Ry. Co., People's Gas Lt. Co., Chittenden Pwr. Co. & Rutland City Elec. Co.) (Controlled by The General Gas & Elec. Co.); cap. $2,000,000; bds. $2,000,000.
Chmn. Bd. G. Tracy Rogers, 50 Pine St., New York, N. Y.
Pres. W. S. Barstow " "
V. Pres. Byron T. Burt...........Rutland
Sec. & Treas. C. H. West.......... "
¶ Gen. Mgrs. W. S. Barstow & Co., Inc. 50 Pine St., New York, N.Y.
Mgr. B. T. Burt...................Rutland
Elec. Supt. W. Belding........... "
Mech. Engr. J. Loftus............ "
Engr. Pwr. Sta. T. P. Allen...... "

8 a. c. G. E, West, tot. 2530 kw. 2300-13,500 v. 3 ph. 25 & 60 cys; 5 d. c. G. E, tot. 612 kw. 600 v: a. c. day cir. 115 v; d. c. pwr. cir. 550 v; 1350 hp. e. West, A. & S; 750 hp. b. Bigelow, Dillon: 2718 hp. turb. Smith; stor. bat. 600 v. 400 amp. hour, Gould; also purchases energy from Pittsford Pwr. Co.

City cont. 195 arcs 6.6 amp. 12.30 A. M. $60 per yr. (150) and all nt. $75 per yr. (45); 38 incs. 80 c. p. 12.30 A. M. $15.80 per yr. (28) and all nt. $19.75 per yr. (10); 840 orna. posts tot. 340 w. (240 w.) 12.30 A. M. and (100 w.) all nt. $40 per yr., coal $3.85. (Co. also lts. Wallingford, West Rutland, Chittenden, Pittsford, Rupert, Castleton and Bomoseen and sells energy to Colonial Pwr. & Lt. Co. (Springfield.)

C D R S W 3 ✣ ★16

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Pittsford Pwr. Co. (Controlled by The General Gas & Elec Co )
Pres. John F. Moors. Asst. Sec. Wm. Ferguson.... 111 Devonshire St. Boston, Mass.
Treas. O. Clement Swenson 50 Pine St., New York
Mgr. B. T. Burt.................. Rutland

2 a. c. G. E. tot. 2400 kw. 2300 v. 3 ph. 60 cys; 3600 hp. wtr. wh.

All energy sold ir bulk to Rutland Ry., Lt. & Pwr. Co.

T W 3 ★16

**ST. ALBANS,** 6,381—Public Elec. Light Co. (Successor to Vermont Pwr. & Mfg. Co.) (Hydro-elec. sta. at Fairfax Falls); cap. $100,000; bds. auth. $410,000.
Pres. David Carruth ..............Clinton
V.Pres. J. W. Ogden...............Malden
Sec. A. G. Auger..........Boston, Mass.
¶ Treas. W. R. Dame...............Clinton
*Mgr. F. C. Wilkinson ........St. Albans

8 a. c. Stan. tot. 1050 kw. 2400 v. 3 ph. 60 cys; trans. 17,500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v. 60 cys; a. c. day & nt. mo. cir. 240-120 v. s. & 2 ph. 60 cys; 400 kw. (stm.) turb. West; 475 hp. b. McNaul, Stir; 1150 hp. wtr. wh. Morris Lef.

City cont. 58 enc. arcs $70 per yr; 156 incs. "C". 100 c. p. $17.50 per yr: all nt. Coal $4.50. (Co. also lts. Fairfax and sells energy to St. Albans St. Ry. Co.)

D L W 1 2 3 ✣ ★26

**ST. JOHNSBURY,** 6,693--Twin State Gas & Elec. Co. (St. Johnsbury Div.) For executive officers, see Dover, N. H.

5 a. c. Stan, G. E. tot. 850 kw. 2300 v. 3 ph. 60 cys; 3 arc G. E. tot. 37½ kw; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 kw. stm. turb. G. E; 302 hp. b. Bab. & W; 1400 hp. wtr. wh. Stillwell.

City cont. 80 magn. arcs 300 w. $60 per yr; 70 Mazdas 40 w. $15 per yr; 150 Mazdas 40 w. $7.50 per yr; mdnt. & all nt; coal $5.70. (Co. lts. St. Johnsbury Center, Danville, Concord and Passumpsic.)

D L S W 1 3 ✣ 10

**SHEFFIELD,** 691—*W. J. Smith.

1 d. c. G. E. 3 kw. 125 v; 56 amp. hr. stor. bat. 110 v; d. c. day & nt. ltg. cir. 9 hp. e. (oil) Alamo.

C D G L 16†

**SOUTH LONDONDERRY,** 651—Electric Light & Power Plant.
*Owner, C. H. Kingsbury, South Londonderry

d. c. gen; d. c. nt. ltg. & mo. cir; 100 hp. wtr. wh. Chase, Hunt, Anderson.

City cont. 11 p. m. & 5 a. m.

C L W ✣ 16

**SO. ROYALTON,** 415—Royalton Pwr. Co. See Royalton.

a. c. nt. ltg cir. 110 v. 133 cys.

L 16

**SOUTH RYEGATE,** 373—Ryegate Lt. & Pwr. Co.; pwr. plant in Boltonville.
*¶ Pres. & Mgr. M. F. Sargent. So. Ryegate
V. Pres. Nelson Park.......... "
Sec. R. Farquaharson ......... "
Treas. A. T. Broton ........... "
Engr. Pwr. Sta.
Ernest Kesson .............. "

1 a. c. West. 240 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day mo. cir. 220 v. 3 ph. 60 cys; 350 hp. turb. (wtr.) Smith.

City cont. 28 series Mazda 40 c. p. $8 per yr; moonlt. (Co. also lts Boltonville.)

D L W 3 25

**SPRINGFIELD,** 4,784—Colonial Pwr. & Lt. Co. For executive officers, see Manchester.
Supt. J. Gardner Menut......Springfield

Energy from Fall Mountain Elec. Co.; trans. volt. 44,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys.

City cont. 202 Mazdas 90 c.p. $19.20 per yr; all nt..

D L 3 ✣ 16

**STAMFORD,** 510—*Stamford Lt., Ht. & Pwr. Co. Ex. office, 77 Franklin St., Boston, Mass. (Controlled by The Lt., Ht. & Pwr. Corpn.); cap. auth. and issued, $8,000.
Pres. Alfred Clark.........Boston, Mass.
Clerk, C. D. Houghton..... "
Sec. & Treas. Geo F. Howland "

Energy purchased from North Adams Gas Lt. Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys.

D L X 75

**STOWE,** 1,991— Morrisville Elec. Lt. Plant. See Morrisville.

**SWANTON,** 1,236—Munic. Elec Lt. Plant (Gen. sta. at Highgate Falls); cost $50,000.
Vil. Pres. Dr. E. A. Burnette....Swanton
¶ Sec. Leno A. Lapelle........... "
Treas. Geo. L. Loiselle........... "
*Mgr. C. J. Parker............... "
Engr. Pwr. Sta.
Geo. J. Rogers..........Highgate Falls

1 a. c. Ft. W. 300 kw. 2300 v. 2 ph. 60 cys; trans. 6600 v. 2 ph. 60 cys; a. c. day

& nt. ltg. cir. 120 v; a. c. day & nt. mo cir. 2300 v; 450 hp. turb. (wtr.) Rodney Hunt.

130 city incs. series 80 c. p. $8 per yr; all nt. (Also lts. Highgate and Highgate Springs; will install 500 kva. 6600 v. wtr. wh. set.)

D L W 2 ✣ 36E

**TUNBRIDGE,** 918—Royalton Pwr. Co. See Royalton.

a. c. nt. ltg. cir. 110 v. 133 cys.

L 16

**VERGENNES,** 1,483—Vergennes Elec. Co.; cap. outstg. $35,000; no bds.

Pres. John J. Flynn..........Burlington
V. Pres. C. W. Brownell...... "
Sec. & Treas. C. B. Brownell..Vergennes
*Mgr. F. H. Andrews.......... "
Engr. Pwr. Sta. Geo. Chilson.. "

Purchases energy from Burlington Trac. Co; a. c. day & nt. ltg. cir. 125 v. 60 cys; a. c. day & nt. mo. cir. 250 v. 3 ph. 60 cys.

City cont. 100 incs. st. series $10 per yr; mdnt.

D L 3 ★125

**WAITSFIELD,** 709—Consolidated Ltg. Co. See Montpelier.

Energy from Moretown.

City cont. 24 incs. mult. 50 w. $8 per yr.

L 16

**WALLINGFORD,** 1,719—Rutland Ry., Lt. & Pwr. Co. See Rutland.

City cont. 45 incs. 40 c. p. $13 50 per yr.

R 16

**WATERBURY,** 1,377 — Consolidated Ltg. Co. See Montpelier.

City cont. 146 incs. 32 c. p. $6 per yr; moonlt; midnt.

L 16

**WELLS RIVER,** 608—Munic. Elec. Lt. Plant. Bds. $25,000.

Trustees { H. L. Lyster......Wells River
A. H. Bailey..... "
John Thomas.... "
Engr. Pwr. Sta. V. G. Byers.. "

1 a. c. G. E. 50 kw. 2080-115 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230-115 v. s. ph. 60 cys; 150 hp. turb. (wtr.) S. & B.

100 city incs. a. c. series 32 & 80 c. p. $10 per yr; moonlt; all nt.

D L W 1 ✣ ★16

***WEST DERBY,** 1,109—Newport Elec Lt. Co. See Newport.

**WESTMINSTER,** 1,193—The Fall Mountain Elec. Lt. & Pwr. Co. See Bellows Falls.

**WEST RUTLAND,** 3,427 — Vermont Marble Co. See Proctor.

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Rutland Ry. Lt. & Pwr. Co. See Rutland.

**WEYBRIDGE,** 361—Thompson, Shaw & Co.

*Mgr. H. L. Thompson........Weybridge

1 d. c. 3 kw. 125 v; d. c. ltg. cir.

City cont. 15 street lights.

C L ★16

**WHITE RIVER JUNCTION,** 1,575—Mascoma Elec. Lt. & Gas Co. (Pwr. plants in W. Lebanon, N. H.); cap. $50,000.

Pres. Chas. P. Chase.....Hanover, N. H.
V. Pres. Thos. W. Streeter..Boston, Mass.
*¶Sec. & Mgr. Frank Collins
White River Junction
Treas. Philip L. Saltonstall, Lebanon N. H.

3 a. c. Stan. Ft. W. tot. 600 kw. 2300 v. 3 ph. 60 cys; trans. 5200-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 500 hp. turb. (stm.) West; 550 hp. turb. (wtr.) Hunt, Robb; 300 hp. b. Robb.

City cont. 1 arc 400 w. $36 per yr; 360 series incs. 40 c. p. $9 & $12 per yr; moonlt; all nt; coal $5.25. (Co. also lts. Hartford, Norwich and Wilder, Vt., and Hanover, Meriden & West Lebanon, N. H.; sells energy to Meriden Elec. Lt. & Pwr. Co., Meriden, N. H.)

D L S W 1 3 ✣ ★16

**WILLIAMSTOWN,** 1,610 — Consolidated Ltg. Co. See Montpelier.

City cont. 48 carbon 32 c. p. $8 per yr; 70 Mazda series 32 c. p. $10 per yr; mdnt.

L 16

**WILMINGTON,** 430 — Wilmington Elec. Lt. Co.; cap. auth. $8,000.

Sec. A. E. Courtemanche.... Wilmington
*¶ Mgr. R. J. Courtemanche "

1 a. c. T-H 30 kw. 1040-104 v. s. ph. 125 cys; no day cir; 105 hp. e. Payne; 90 hp. b. Dillon.

City cont. 44 incs. 25 c. p. $15 per yr; 11 P. M; wood $3.

L S 1 ✣ 45

**WINDSOR,** 1,906—Windsor Elec. Lt. Co. (2 generating stations); cost $45,000; cap. outstg. $5,000.

Pres. & Treas. Frank A. Kennedy, Windsor
Sec. Gilbert A. Davis............ "
Financial Sec. Edw. Anderson..Windsor
*¶Supt. Richard P. Osgood...... "

5 a. c. West. Allis-C. tot. 725 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 500 hp. e. Ames; 360 hp. wtr. wh. Rodney, Hunt; 300 hp. b. Kendall, Heine.

City cont. 7 arcs West. flame 2000 c. p. $75 per yr; 80 series incs. "C" 60 & 80 c. p. $10 & 12 per yr; all nt. coal $5.50. (Co. also lts. Hartland and Plainfield and Cornish, N. H.)

D L S W 1 3 16

**WINOOSKI,** 3,500 — Burlington Lt. & Pwr. Co. See Burlington.

**WOLCOTT,** 1,049—See Hardwick.

**WOODSTOCK,** 2,383—Woodstock Elec. Co.: cap. $60,000; bds. $12,000.

Pres. & Treas. Frederick W. Wilder
Woodstock
Sec. Arthur B. Wilder...... "
*¶Supt. Wilfred Smith....... "

2 a. c. Allis-C. tot. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo cir. 208-104 v. s. & 3 ph. 60 cys; 200 hp. e. Exeter; 200 hp. b. Hodge; 250 hp. turb. (wtr.) Victor, S. B. S. V, Hol.

City cont. 200 incs. tung. 50 w. $10 per yr; all nt; coal $5 75. (Co. also lts. Quechee, Taftsville & Deweys Mills.)

D L S W 1 3 ✣ 125

## VIRGINIA.

**ABINGDON,** 1,757—*Abingdon Wtr. & Lt. Co.: cap. $25,000; bds. $5,000.

Pres. C. F. Palmer ...............Saltville
¶ Sec. & Mgr. J. H. Hines..... Abingdon
Ch. Engr. & Elecn. M. S. Miles. "

2 a. c. West. tot. 150 kw. 2200-104 v. 2 ph. 60 cys: no day cir; 175 hp. e. Rus; 250 hp. b. Erie.

City cont. 22 arcs 1600 c. p. $60 per yr; all nt; coal $2.45.

L S 2 ✣ 127

**ALEXANDRIA.** 15,329 — Alexandria County Lighting Co. (Controls, through ownership of majority of stock, the Arlington Elec. Co.) (Owned by Municipal Service Co.): cap. (com.) $300,000, (prfd.) $100,000; bds. $375,000.

Pres. Geo. E. Warfield.........Alexandria
*1st V. Pres. H. T. Hartman
1330 Land Title Bldg., Phila., Pa.
2d V. Pres. F. R. Weller..Washington, D.C.
Sec. & Treas.
Joseph W. Swain, Jr. ......Phila., Pa.
Asst. Treas. Robt. Graham.... "
Mgr. C. D. Hubbard...........Alexandria
Ch. Engr. W. D. Wicker...... "

4 a.c. Ft. W, Allis-C. tot. 2400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.; a. c. day & nt. mo. cir. 440-220-110 v; 225 hp. e. Rus; 1000 hp. b. Keeler, Heine; 1000 kw. stm. turb. Allis-C.

City cont. 96 a.c. series arcs 7.5 amp. $75 per yr; 49 tung. 40 c. p. $19.50 per yr; all nt; coal $3.22. (Co. also lts. Potomac and supplies energy to U.S. Gov. at Fort Washington, 200 kw. and Ft. Hunt, and to factory at Relee, 400 hp. & 500 lts.)

D L S 3 16

**ALTAVISTA** — Altavista Lt. & Pwr. Corpn. (Owned by the Standard Red Cedar Chest Co., Inc;) cap. $10,000.
Pres. J. E. Lane...................Altavista
*¶ V. Pres. & Mgr. E. H. Lane.. "
Sec. & Treas. P. F. Hardison... "
Engr. Pwr. Sta. W. F. Cecil .... "

1 a. c. West. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440 v. s. & 3 ph; 156 hp. e. Ball; 200 hp. b. Keeler Penn. (Also stm. htg.)

City cont. 3 a. c. arcs. 10 amp. $85 per yr; 20 Mazdas 6.6 amp. $36 per yr; Phila. moonlt; coal $2.75.

D H L S 1 3 16

**APPALACHIA,** 1,090—Powell Valley Lt. & Pwr. Co. See Big Stone Gap.

**ASHLAND,** 1,324—Spottsylvania Pwr. Co. For executive officers, see Fredericksburg.
Local Supt. T. Norman Jones, Jr..Ashland

Energy from Richmond & Chesapeake Bay Ry. Co.; 1 mo. gen. G. E. 100 kw. 2300-230-115 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 kw. 230-115 v. 60 cys.

L 1 125

**BASIC CITY,** 1,632—Munic. Elec. Lt. Plant; cost $20,000.
*Mayor, W. H. Gardner.........Basic City
City Treas. W. M. Page......... "

1 a. c. C. W. 150 kva. 2300 v. 3 ph. 60 cys; 190 hp. wtr. wh. Trump.

100 city tung. 32 & 60 c. p. $15.60 & $18 per yr; moonlt.

L W 3 72

**BEDFORD CITY,** 2,508—Bedford City Hydro-Elec. Plant (Munic.). Power sta. at Snowden; bds. $100,000.
Chmn. Lt. Com. R. S. Roadcap
Bedford City
City Clerk, C. A. Moor...... "
*¶ Supt. & Ch. Eng.
C. E. Harris................ "
Ch. Engr. Pwr. Sta. C. S. Tardy..Snowden

2 a. c. Westg. tot. 500 kw. 2300 v. 3 ph. 60 cys; trans. volt. 12,700 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 100 hp. e. H. & T; 100 hp. b. Brnl; 600 hp. turb. (wtr.) Smith.

25 city arcs West. enc., 75 series incs. West 100 w; all nt; coal $3.

D L S W 3 ★16

**BERKLEY,** 4,988—Virginia Ry. & Pwr. Co. See Norfolk.

**BIG STONE GAP,** 2,590—Powell Valley Lt. & Pwr. Co. (Pwr. plant between Big Stone Gap and Appalachia). Owned by Kentucky Utilities Co. which see for executive officers.
Mgr. G. T. Bogard.........Big Stone Gap

1 a.c. G.E. 200 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 50 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 300 hp. e. Ideal, Brown; 150 hp. b. Heine.

City cont. 20 arcs magn. G. E. 4 amp. $68 per yr; 78 Tung. series 4 amps. $17.50 per yr; all nt; coal $1.50. (Co. also lts. Appalachia.)

D L S 3 ✢ 25

**BLACKSBURG,** 875—Virginia Polytechnic Institute Elec. Lt. Plant.
*¶ Mgr. D. O. Matthews......Blacksburg
Ch. Engr. J. E. Smith......... "

2 a. c. Stan. tot. 420 kw. 2300 v. 2 ph. 60 cys; 1 d. c. T-H. 50 kw. 110 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 & 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 110 v; 700 hp. e. Westg; 400 hp. b Heine; also stm. htg. and ice plant.

City cont. 40 nitro arcs "C" 200 w; 4000 Mazdas "B" all nt; coal $2.85.

C D H I L S 2 3 ✢ ★125

**BLACKSTONE,** 1,486—Crewe Elec. Co. See Crewe.

a. c. nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 440 v. 3 ph. 60 cys.

City cont. 40 Mazda series incs. 80 c. p. $20 per yr.

L 3 ✢ 125†

**BLOXOM,** 200—Bloxom Elec. Lt. Co.; cost $2,000.
*Owner. Arthur J. Barnes.........Bloxom
Supt. S. G. Barnes................ "

1 d. c. F. M. & Co. 7½ kw. 220 v; 12 hp. e. (gas) F. M. & Co.; oil 8 cts. per. gal.

C G L ✢ §105

**BRIDGEWATER,** 859—The North River Elec. Co.; cap. outstg. $10,000; bds. $6,000
*¶Pres. & Mgr.
G. Richard Berlin............Bridgewater
Sec. & Treas. E. L. Berlin.... "

2 a.c. Warren tot. 120 kw. 2200-110 v. s. ph. 60 cys; no day cir; 350 hp. turb. (wtr.) Lef.

City cont. 74 incs. 16 c. p. $5.40 per yr; 13 Mazdas 100 w. $10.80 per yr; moonlt. (Co. also lts. Dayton.)

L W 1 16

**BRISTOL,** 13,395—Bristol Gas & Elec. Co. See Bristol, Tenn.

City cont. 62 arcs. a. c. series G. E. 6.6 amp. $78 per yr; 48 incs. series G. E. 6.6 amp. $15 per yr; all nt; 90 5-lt. posts 60 w. Mazdas, bottom lts. mdnt., top lt. all nt.

L 16

**BUENA VISTA,** 3,245—Virginia Western Elec. Co. See Clifton Forge.

a. c. day & nt. ltg. cir. 110 v; a. c. mo. 6600-220 v. 3 ph. 60 cys.

City cont. 60 arcs $50 per yr; all nt.

D L 3 ✢ 75

**CAPE CHARLES,** 1,948—Munic. Ltg. System.
Mayor, J. J. Burbage.......Cape Charles
*Mgr. J. B. Jones............ "
Supt. H. L. Baumgardner... "

Energy purchased from Penn. R. R. Co.; 7 transf. Pittsb'g tot. 80 kva; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. s. ph. 60 cys.

115 city tung. 60 c. p. 4 cts. per kwhr; coal.

D L 1 §105

**CHARLOTTESVILLE,** 12,000—Charlottesville & Albermarle Ry. Co. (Generating station on Rivanna River near Charlottesville); cap. outstg. $622,700; bds. $350,000.
Pres. F. C. Todd..........Baltimore, Md.
*¶ V. Pres. & Mgr. John L. Livers
Charlottesville
Sec., Treas. & Audr.
W. R. Morton.......... "

Supt. C. L. Carter..........Charlottesville
Ch. Engr. Pwr. Sta. T. L. Davis "

2 a. c. G. E. turbo-gen. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 150 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v.; 800 hp. b. Bab. & W.

City cont. 140 arcs magn. 4 amp. $60 per yr; 36 Mazdas 60 c. p. $21.75 per yr; all nt; coal $2.60.

C D R S 3 ★16

**CHASE CITY,** 1,662—Munic. Elec. Lt. Plant.

Mayor, J. W. Roberts..........Chase City
Council A. H. Robertson..... "
Council N. H. Williams...... "
*¶Supt. & Ch. Engr.
L. R. Perkinson "
Engr. Pwr. Sta. S. Bowers.... "

2 a. c. Ft. W. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-225 v. s. & 2 ph. 60 cys; 250 hp. e. Erie; 250 hp. b. Erie.

City Cont. 56 Mazdas 80 c. p. hours; coal $2.30.

D L S 1 2 3 ★16

**CHATHAM,** 1,113—Chatham Lt. & Pwr. Co.

*Owner & Mgr. B. F. W. Bryant..Chatham
Engr. Pwr. Sta. J. H. Bishop... "

1 a. c. F. M. & Co. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 117 v. 60 cys; a.c. mo. cir. 117 v. 3 ph. 60 cys; 250 hp. e. gas pro. Webber; 100 hp. e. (gas) Webber.

City cont. 100 incs. series 32 & 80 c. p. $18 & $24 per yr; all nt; coal $4.50 & $5. (Hydro-elec. plant to be erected at White Falls—present plant will be discarded.)

G L 3 55w

**CHINCOTEAGUE ISLAND,** 1417—Delmarvia Lt., Ht. & Ref. Co.

Pres. W. W. Conant........Chincoteague
Sec. W. B. Denickson.....Selbyville, Del.
Treas. J. S. Rowly..........Chincoteague
*¶Mgr. Henry S. Moore.... "
Ch. Engr. W. F. Hawkes... "
Engr, Pwr. Sta. H. C. Gunly "

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Erie; 75 hp. (stm.) turb. DeL; 150 hp. b. Erie.

City cont. 61 incs. "C"; all nt; coal $4.

L 3 ✣ §125

**CHRISTIANSBURG,** 1,568—Appalachian Pwr. Co. See Bluefield, W. Va.

Energy from Byllesby, W. Va.

City cont. 25 arcs 2000 c. p. $75 per yr; all nt.

L ✣ 25

**CLARENDON**—Arlington Elec. Co. Office, 524 King St., Alexandria. (Controlled through ownership of majority of stock by the Alexandria County Ltg. Co.); cap. $30,000; no bds.

Pres. M. E. Church..........Falls Church
V. Pres. H. T. Hartman.......Phila., Pa.
Sec. & Treas. J. W. Swain.... "
Asst. Treas. Robt. Graham... "
Mgr. C. D. Hubbard...........Alexandria
Local Mgr. Tom Graham......Clarendon

Energy purchased from Alexandria County Ltg. Co.; 3 transf. Peerless tot. 105 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 120 series inc. 5.5 amp. 40 c.p. $15 per yr. (Co. also lts. Falls Church and Ballston.)

D L 1 3 ✣ ★16

**CLIFTON FORGE,** 5,748—Virginia Western Elec. Co. (Stm. gen. sta. at Clifton Forge; hydro-elec. sta. near Buena Vista and one near Lexington; plant under construction at Balcony Falls.)

Pres. W. G. Mathews.......Clifton Forge
*Asst. to Pres. & Ch. Engr.
A. H. Grimsley.......... "
V. Pres. J. W. Johnson..Alderson, W. Va.
¶Sec. & Treas.
A. C. Ford..................Clifton Forge
Gen. Supt. Lewis Payne. .......Covington
Engr. Pwr. Sta.
B. A. Hoylman..........Clifton Forge

Total equipt. 5 a. c. G. E. tot. 1150 kw. 6600 & 2300 v. 3 ph. 60 cys; trans. volt. 44,000 & 6600 v; a. c. day & nt ltg. cir. 110 v; a. c. mo. cir. 220 v; 1200 hp. b. Heine, Erie City, U. I. W; 1000 hp. turb. (stm.); 3 wtr. whs. tot. 275 hp; stm. htg. and 65-ton ice plant operated in conjunction with Clifton Forge sta.

City cont; all nt; coal. (Co. also serves Covington, Natural Bridge, Balcony Falls, Buena Vista and Lexington in Virginia and Alderson, Ronceverte Lewisburg and White Sulphur Springs in W. Va. Will also serve Buchanan and Eagle Rock )

D H I N S W 3 ✣ 75

**COEBURN,** 645—Norton Lt. & Pwr. Co. See Norton.

Trans. from Dorchester; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110 v. s. ph. 60 cys.

City cont. 35 Mazdas 4 amp. 32 c. p. $9 per yr; all nt. (Co. also lts. Maytown, Slabtown and Bondtown.)

L 1 ★16

**COVINGTON,** 4,234—Virginia Western Elec. Co. See Clifton Forge.

a. c. day cir. 110 v; a. c. pwr. cir. 220-110 v; 3 ph. 60 cys,

City cont. 25 arcs 2000 c. p. $55 per yr; 100 incs. 50 c. p. $22 50 per yr; 2 com. arcs 800 c.p. $42 per yr; all nt.

D L S 75

**CREWE,** 1,802—Crewe Elec. Co. (Purchased property of Blackstone Ice, Wtr. & Lt. Co.); cap. $12,000.

Prop. C. E. Wilson..................Crewe

1 a. c. Westg. 90 kw. 1100-110 v. s. ph. 60 cys; 150 hp. e. Watertn; 150 hp. b. Erie.

Coal $2 25.

L S 1 ✣ 125†

**CULPEPER,** 1,795—Culpeper Lt. & Ice Co., P. O. Box 264; cost $25,000.

Owners Sec. & Treas.
L. W. Shelhorse.....Culpeper
*¶Mgr. G. F. Major... "
Ch. Engr. Pwr. Sta.
L. C. Major......... "

2 d. c. G. E. tot. 175 kw. 250 v; d. c. day & nt. cir; 350 hp. e. Frick; 268 hp. b. Bab. & W; also 8-ton ice plant.

City cont. 6 G. E. arcs 1200 c. p. $60 per yr; 76 Mazdas 60 w. $24 per yr; coal $3.50.

C D I L S ✣ 16+

**DAMASCUS,** 1,299—Damascus Lt. & Pwr. Co.; cap. $10,000; bds. $2,000.

Pres. J. H. Vail.....................Damascus
V. Pres. W. P. Dungan
Elizabethton, Tenn.
*Sec. & Treas. B. W. Mock.....Damascus
Supt. A. Ward Wright.......... "

2 a. c. West. tot. 85 kw. 1100 v. 3 ph. 60 cys; no day cir; 230 hp. wtr. wh. Smith.

City cont. 1000 incs. $4 per yr; all nt.

C L W 3 ✣ 113

**DANVILLE,** 19,020—Munic. Electric Lt. Dept.

*¶Sec., Treas. & Mgr.
F. Talbott.........................Danville
Ch. Engr. L. H. Clarke.......... "

3 a. c. G. E. turbo gen. tot. 1800 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 1400 hp. b. Bab. & W.

Coal $3.35.

D L S 1 3 16

**DILLWYN,** 500—Dillwyn Light, Ice & Preserving Co.

[Pres. Cont. Agt. Pur. Agt. &
Supt. J. S. Steele..............Dillwyn
V. Pres. & Engr. Sta. R. Steele... "
Sec. A. Steele.................... "
I L 22

**DORCHESTER,** 100—Norton Lt. & Pwr. Co. See Norton.
Trans. to Coeburn.

**ELKTON,** 873—Valley Power Co. Office, Elkton. (Owns hydro-elec. plant, under construction, at Grove Hill; leases steam plant at Shenandoah which will not be taken over until hydro-elec. plant is in operation); cap. outstg. $90,000; bds. $27,200.
Pres. C. P. McCoy
286 No. 6th St., Newark, N. J.
Sec. Fred C. Thomas,
175 Fifth Ave., New York, N. Y.
Treas. E. J. Thayer
26 Beaver St., New York, N. Y.
Pwr. plant equipt. consists of 3-400 kva. a. c. gen. 2300 v. 60 cys. and 3-429 hp. turb. (water).
Also lts. Elkton, Shenandoah and Stanley.
L W X 95

**EMPORIA,** 2,018 — Emporia Hydro-Elec. Pwr. Corpn.; cap. outstg. $185,000; no bds.
Actg. Pres. & V. Pres.
G. B. Wood....................Emporia
Sec. & Treas. G. L. Vincent ..... "
*¶Mgr. & Cont. Agt.
T. H. Sharp...................... "
Engr. Pwr. Sta. J. H. Seery...... "
3 a. c. West. tot. 1020 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550-220-110 v. 3 ph. 60 cys; 1500 hp. turb. (wtr.) Smith.
City cont. 22 enc. series arcs 1200 c. p. $60 per yr; 60 incs. "C" 40 & 60 c. p. $15 per yr; all nt.
D L W 3 ★125

**EXMORE,** 200—Exmore Lt. & Pwr. Co; cap. outstg. $10,000; no bds.
Pres. J. T. B. Hyslop........Belle Haven
Sec. & Treas. J. W. Chandler....Exmore
1 a. c. West. 62½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 2 boilers.
City cont. 20 tung. 40 w. all nt; coal $4.25. (Also lts. Belle Haven.)
L 3 §105

**FALLS CHURCH,** 1,007 — Arlington Elec. Co. See Clarendon.

**FARMVILLE,** 2,971—Munic. Elec. Lt. Plant; bds. $15,000.
*Mgr. H. A. Steeker.............Farmville
Gen. Supt. H. K. Bullock........ "
1 a. c. G. E. 200 kw. 106 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 106 v; 300 hp. e. Ham, Cor; 600 hp. b. Bab. & W.
41 city arcs and 70 mult. incs. tot. $75 per yr; moonlt; coal $2.70.
L S 3 16

**FRANKLIN,** 2,271 — Munic. Electric Lt. Plant; cost $20,000; bds. $8,000.
*Mayor, C. C. Vaughn ...........Franklin
Mgrs. { E. L. Beale.............. "
{ J. A. Fowler ............... "
¶Pur. Agt. W. T. Pace......... "
Supt. T. L. Parker............... "
Asst. Supt. C. R. Rose........... "
3 d. c. Ft. W. tot. 105 kw. 115-230 v; no day cir; 150 hp. e. Ball; 275 hp. b. Ames, Erie City.
5 city arcs; 65 Madzas 50 c. p; all nt; coal $3.50.
C L S 23

**FREDERICKSBURG,** 5,874 — The Rappahannock Elec. Lt. & Pwr. Co., Inc. Office, Fredericksburg. (Two hydro-elec. stas. in Spottsylvania C. H. and steam. sta. in Fredericksburg.) Cap. outstdg. $25,000; no bds.
Pres. C. P. E. Burgwyn,
917 Bank St., Richmond
V. Pres. B. J. Marshall...Fredericksburg
Sec. & Treas. E. C. L. Ficklen "
*Supt. & Engr. Pwr. Sta.
S. C. Foster........ "
Tot. equip. 5 a. c. West. tot. 500 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440 v. s. & 2 ph. 60 cys; 350 hp. e. West; 400 hp. b. Big; 600 hp. turb. (wtr.) Leffel, Smith. Coal $3.15. (Co. also lts. Falmouth and Howlson.) (Installing 250 hp. wtr. wh. unit.)
D L S W 1 2 ✠ 75

Spottsylvania Pwr. Co. (Consolidation in June, 1914, of The Fredericksburg Elec. Co., The Fredericksburg Pwr. Co., The Electric Generating Co. and the Virginia Lt. & Pwr. Co. (Ashland.)
Pres. Wm. C. Whitner...Rock Hill, S.C.
V. Pres. Arthur W. Kelly
149 Broadway, New York, N. Y.
Sec. G. B. Williams...........Richmond
Treas. H. G. Northrup....Fredericksburg
*Supt. W. Key Howard.. "
2 a. c. G. E. tot. 2100 kw. 2300 v. 3 ph. 25 cys; 1 arc. Ft. W. 90 lts; 1 rect. G. E. 25 lts; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 110-220 v. 3 ph. 25 cys; — hp. turb. (wtr.) Hol.
City cont. 110 arcs lumn. 2000 c. p. $82 per yr; all nt.
D L W 3 125

**FRONT ROYAL,** 1,133—Munic. Elec. Lt. Plant; cost $25,000; bds. $15,000, 4½ p. c. int.
*¶ Sec. W. J. Kendrick.....Front Royal
Treas. W. W. Pettett........ " "
Supt. D. W. Harrison........ " "
1 a.c. G. E. 150 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 184 hp. turb. Leffel.
Moonlt. all nt. (Also lts. Riverton).
D L W 3 ✠ 125

***GILMERTON,** 200 — John L. Roper Lumber Co. See Roper, N. C.

**GORDONSVILLE,** 564 — Munic. Elec. Lt. & Pwr. Plant; no bds.
Pres. Vil. W. L. Dowell.....Gordonsville
V. Pres. J. W. Scott.......... "
*Sec. & Treas. J. L. T. Sneed "
¶ Gen. Supt. R. G. Watkins.. "
Ch. Engr. R. A. Hopkins.... "
L ★16

**GRAHAM,** 1,917—Appalachian Pwr. Co. See Bluefield, W. Va.

**GRUNDY,** 264—*Grundy Lt. & Pwr. Co.
2 d. c. West., G. E. tot. 75 kw. 250 v; d. c. nt. ltg. cir. 220 v; d. c. day & nt. mo. cir. 220 v; 150 hp. e.———; 200 hp. b.——; also ice plant.
City cont; coal.
C D I L S ✠ 16

**HALLWOOD,** 200—Hallwood Feed & Supply Co; cost $5,000.
*Supt. Walter P. Nock..........Hallwood
1 d. c. G. E. 25 kw. 220 v; d. c. nt. ltg. cir. 110 v; 80 hp. e. Erie, Ajax; 60 hp. b. Fastquier.
Sawdust & wood.
C L ✠ §105

**HAMPTON,** 5,505—Newport News & Hampton Ry., Gas & Elec. Co. (Consolidation of Newport News & Old Point Ry. & Elec. Co., Citizens' Ry., Lt. & Pwr. Co., Hampton Roads Trac. Co., Newport News Gas Co. and Hampton, Phœbus & Ft. Monroe Gas Corpn.) (Pwr. plants at Newport News and Hampton); cap. (com.) $1,250,000 (pfd.) $1,250,000; bds. $2,479,000.
Pres. C. Loomis Allen....Syracuse, N.Y.
V. Pres. E. F. Peck...Schenectady, N. Y.

*V. Pres. & Gen. Mgr.
J. N. Shannahan..................Hampton
Sec. R. M. Booker.................. "
¶ Treas. W. Stewart................ "
Audr. G. H. Caskey................. "
Supt. B. J. Megginson.............. "
Ch. Engr. C. D. Porter............. "
Engr. Pwr. Sta. A. E. Stierly...... "

3 a. c. G. E. tot. 5800 kw. 3400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 220 v; 5800 kw. stm. turb. Curtis; 2870 hp. b. Heine, Bab. & W; also 100-ton ice plant (York, Frick).

City cont. 31 arcs 200 c. p. 6.6 amp. $45 per yr; 30 incs. 40 c.p. 6.6 amp. $23 per yr; all nt; coal. (Also serves Phœbus, Newport News and Old Point.)

D I R S 3 ✠ 25

**HARRISONBURG,** 4,879—Munic. Hydro-Elec. Plant. (Pwr. plant on Shenandoah River, 12 miles from town); cost $110,000.

*Mgr. J. F. Noll...............Harrisonburg
¶ Supt. J. L. Reiter........ "
Engr. Pwr. Sta. W. L. Magalis,
McGaheysville

2 a.c. Bull, West.. tot. 850 kw. 12,000 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. s. ph; a. c. day & nt. mo. cir. 2200-220v. 3 ph; 1850 hp. turb. (wtr.) Lef, Smith.

42 city arcs series 2000 c. p. 6.6 amp. $50 per yr; 140 incs. G. E. 60 w. $10 per yr; all nt.

D L W 1 3 74

**HOPEWELL**—Prince George Elec. Lt. & Pwr. Co., Inc; cap. (approx.) $65,000.

Pres. H. D. Eicheburger.......Richmond
V. Pres. & Treas. Geo. W. Deitrich "
Sec. H. M. Milligan............. "
*Mgr. W. H. Hoyt..............Hopewell

Energy purchased from Petersburg & Appomatox Ry. Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.

City cont.

D L 3 §115

**HOUSTON,** 516—Houston Elec. Lt. Co.

*Owner, R. Holt Easley..........Houston
Sec. & Treas. Jas. Easley........ "
Supt. & Engr. Pwr. Sta. L. M. Thayer "

1 a. c. Warren 71 kw. 2200-110 v. 3 ph. 60 cys; a.c. nt. ltg. cir. 102 v. 60 cys; a. c. mo. cir. 102 v. s. ph. 60 cys; 130 hp. turb. McC.

City cont. 78 incs. 32 c. p. $4 per yr; all nt.

L W 1 3 16

**INDEPENDENCE,** 200 — Independence Elec. & Milling Co.; cap. $10,000.

*Owner, J. G. Davis........Independence
Engr. Pwr. Sta. John Freeman "

1 a. c. West. 75 kw. 2200 v. 2 ph. 60 cys; a. c. day cir. 110 v; pwr. cir. 2200 v; 125 hp. turb. Lef.

D L W 2 ✠ 35

**LAWRENCEVILLE,** 1,733 — Lawrenceville Public Works. (Light, Water & Sewerage System); bds. $50,000.

Mayor D. S. Hicks..........Lawrenceville
Sec. & Treas. J. W. Upchurch "
*¶ Supt. J. R. Simmons....... "

1 a. c. Ft. W. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 2300 v. 3 ph. 60 cys; 150 hp. e. Femg; 160 hp. b. Cole.

48 city Mazdas 80 to 200 c. p; coal $3.55.

L S 3 125

**LEESBURG,** 1,597—Leesburg Elec. Co.; cap. $22,950; bds. $8,000.

Pres. W. George...................Leesburg
*V. Pres. Chas. P. Janney...... "
Sec. Treas. & Mgr.
Thos. S. Whipple............. "
Supt. M. Ball.................... "
Engr. Pwr. Sta. J. Meas.......... "

3 a. c. West. tot. 200 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110 v. 60 cys; 200 hp. e. Ball, Bckye; 200 hp. b; 200 hp. turb. Leffel. Ice plant. (2 a. c. West. 125 kw. 2 ph. 60 cys. held in reserve.)

City cont. 15 Mazdas 400 c.p. $80 per yr; 52 incs. 32 & 16 c. p. $24 & $12 per yr; moonlt; coal $4.50.

D I L S W 2 ✠ ★16†

**LEXINGTON,** 2,931—Virginia Western Elec. Co. See Clifton Forge.

Day circuit.

City cont. 62 series arcs 1600 c. p. $50 per yr; 12 incs. 60 c. p. $20 per yr; all nt.

D N X ✠ 75

**LURAY,** 1,218—Shenandoah River Lt. & Pwr. Corpn; cap. auth. $45,000; bds. $35,000.

Pres. Chas. S. Landram...........Luray
V. Pres. F. W. Grove............. "
Sec. V. H. Ford.................. "
*¶ Treas. & Gen. Mgr. Emmett Rankin "
Engr. Pwr. Sta. J. M. Black....... "

2 a. c. Warren tot. 400 kw. 3300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 750 hp. turb. (wtr.) Lef.

City cont. 20 arcs 6 amp. $30 per yr; 25 incs. 32 & 50 c. p. $8.33 per yr; moonlt. 12 P. M.

D L W 3 ✠ 85

**LYNCHBURG,** 29,494—Lynchburg Trac. & Lt. Co., 523 Main St. (Consol. Lynchburg Elec. Ry. & Ltg. Co., Rivermont St. Ry. Co., Lynchburg Gas Co. and Lynchburg Wtr Pwr. Co.) Controlled by the American Rys Co.; cap. $750,000; bds. $1,750,000.

Pres. H. J. Crowley...........Phila., Pa.
V. Prests. { C. L. S. Tingley.... "
Walter H. Lippincott "
Sec. & Treas. Walter W. Perkins "
*¶ Gen. Mgr. J. W. Hancock..Lynchburg
Cont. Agt. A. N. Carroll...... "
Supt. L. G. Gresham.......... "
Engr. Pwr. Sta. C. C. Hogshead "

4 a.c. G. E. tot. 4250 kw. 13,200-2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 450 kw. 550 v; 4 G. E. transf. a. c. 400 lt; 11 transf. G. E. tot. 2200 kw; 4 rot. conv. G. E. tot. 1200 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 700 hp. e. Ball & Wood; 1500 hp. stm. turb. G. E; 4100 hp. turb; (wtr.) Smith; 1400 hp. b. Bab. & W, A. & T; trans. 13,200 v.

City cont. 415 enc. a. c. arcs 7.5 amps. $49.27 per yr; 52 Gem. mult. 125 w. $15.30 per yr: all nt; coal $2.75.

C D R S W 3 ✠ 16

**MANASSAS,** 1,217—Munic. Elec. Lt. & Wtr. Wks; cost $75,000.

Mgr. G. L. Rosenberger.........Manassas
¶ Pur. Agt. W. M. Wheeler..... "

2 a. c. Ridg. tot. 150 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir; 2300 v. s. & 3 hp. 60 cys; 200 hp. e. Ridg; 250 hp. b. Erie.

City cont. 102 series incs. 60-100 w; all nt; coal. $3.25.

D I L S 1 3 16

**MARION,** 2,727—Appalachian Pwr. Co. See Bluefield, W. Va.

**MARTINSVILLE,** 3,368—Munic. Elec. Lt. & Pwr. Plant; cost $135,000.

*¶ Supt. J. R. Gregory.......Martinsville
Ch. Engr. J. H. Pharis........ "

3 a. c. G. E. tot. 800 kw. 4000-115 v. 3 ph. 60 cys; a.c. day ltg. & mo. cir. 115 v; pwr. cir. 4000 v; 1000 hp. turb. (wtr.) Smith.

50 city arcs G. E. 7.5 amp; all nt.

D L W 3 ★26

**MONTEREY,** 240—Monterey Garage & Lt. Co; cost $3,300.

*Owners, C. M. Lunsford & T. H. Slaven
Monterey

2 d. c. West, tot. 35 kw. 120 v; d. c. nt. ltg. cir. 115 v; 15 hp. e. (gas) Otto; 40 up. e. (oil) De L. V.
City cont. 20 Tung. 25 w. $6 per yr; noonlt; gasoline.
C G L ✠ 16

**NARROWS,** 975—Narrows Elec. Lt. & Pwr. Co.
Pres. H. W. Hal..................Narrows
V. Pres. G. S. Boone............. "
*¶ Sec. & Treas. B. T. Johnson, Jr "
L 22

**NEW MARKET,** 800—J. D. Manor & Co. (Pwr. plant 1¼ mile from city.)
Pres. J. D. Manor............New Market
Sec. V. E. Manor.......... "
1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day cir. 110 v; a. c. pwr. cir. 110 v; 125 hp. e. (gas) Bruce Macbeth; 125 hp. gas pro; 90 hp. turb. (wtr.) Smith.
City cont. 25 Tung. 60 w; all nt.
D G L W 3 125

**NEWPORT NEWS,** 20,205—Newport News & Hampton Ry., Gas & Elec. Co. For officers, see Hampton.
3 a. c. G. E. tot. 250 kw. 3000-115 v. 3 ph. 0 cys; a. c. day & nt. ltg. cir. 125 v; a. c. lay & nt. mo. cir. 220 v; 550 hp. e. Ball; 00 hp. b. C. & Z; also 60-ton ice plant York.)
City cont. 48 arcs. lumn. 6.6. amp. $85 per yr; 149 incs. 200 c. p. $48 per yr; 52 ncs. 80 c. p. $27 per yr; coal.
D I R S 3 ✠ 25

**NORFOLK,** 67,452 — Virginia Ry. & Pwr. Co. For executive officers, see Richmond.
Asst. Gen. Mgr. E. C. Hathaway.Norfolk
Asst. Sec. A. E. Dickson.......... "
Mgr. Com. Dept. E. R. Sutherland "
Supt. Instal. W. G. Duncan....... "
Supt. Distrbn. C. S. Ristine....... "
Ch. Engr. J. P. Keeny........... "
Distrib. Engr. J. C. Stephens.... "
4 a. c. G. E. tot. 17,000 kw. 11,000 2300 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 112 v; a. c. mo. cir. 220-448 v. 3 ph. 60 ys; d. c. mo. cir. 220 v; 7168 hp. b. Bab. & W; 17,000 kw. stm. turb. G. E.
City cont. 668 a. c. series arcs 6.6 amp. 58 per yr; 1825 Mazda series 75 w. $22 per yr; all nt; coal $2.32½. (Also lts. Portsmouth, Suffolk and Berkley, and ells energy to Norfolk Ry. & Lt. Co.)
C D R S 3 ★16

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Norfolk Ry. & Lt. Co. (Leased to Virginia Ry. & Pwr. Co. for 99 yrs.); cap. 1,650,000; bds. $4,000,000.
Pres. Thos. S. Wheelwright....Richmond
V. Prests. { Caldwell Hardy.......Norfolk
F. Sitterding...... Richmond
Sec. & Treas. W. J. Kehl...... "
Energy from Virginia Ry. & Pwr. Co.; 12 ransf. G. E. tot 5500 kw; 10 rot. conv. ot. 4600 kw; 1 mo. gen. G. E. 500 kw.
R 16

**NORTON,** 1,866 — Norton Lt. & Pwr. Co. (Purchased property of Coeburn Lt. & Pwr. Co.) (Pwr. stas. at Norton, Wise and Dorchester.) (Operated by New York Mining & Mfg. Co., 143 Liberty St., New York, N. Y.;) cap. $15,000.
Pres. R. S. Graham................Norton
Sec. & Treas.
W. E. Decker.......... New York, N. Y.
Mgr. Cont. Agt. D. Terpstra......Norton
Supt. & Engr. Pwr. Sta. W. G. Werth "
2 a. c. G. E. tot. 175 kw. 2300 v. 3 ph 0 cys; a. c. day & nt. ltg. cir. 110 v. 3 ph. 0 cys; a. c. day & nt. mo. cir. 2300-220 v. & 3 ph. 60 cys; 225 hp. e. F. M. & Co; 00 hp. b. Atlas
City cont. 21 arcs G. E. lumn. 4 amp. 56 per yr; 25 series incs. 60 w. $30 per r; all nt; coal $2.50 per mo. (Also lts. Wise.)
D L S 2 3 ✠ 113

**ONANCOCK,** 1,001—Onancock Lt. & Pwr. Co. (Successor to The Onancock Mfg. Co. (Incorp.); cost $13,400.
*Owner & Mgr. Andrew Justice.Onancock
2 d. c. W. E. tot. 65 kw. 250 v; d. c. nt. ltg. cir. 110 v; 76 hp. e. Erie; 100 hp. b. Erie.
City cont. 47 tung. 60 c. p. $12 per yr, mdnt; wood & coal $3.70.
C L S ✠ ★105

**ORANGE,** 674—Orange Ice & Lt. Plant; cost $18,000.
*Owner, A. J. Harlow.............Orange
1 d. c. G. E. 25 kw. 250 v; d. c. nt. ltg. cir. 250 v; 50 hp. e. Beggs; 100 hp. b. Vogt.
City cont. 68 Mazdas 80 w. $18 per yr. all nt; coal $3.
C L §16

**PARKSLEY,** 500—*J. H. & C. T. Hopkins; cost $10,000.
2 d. c. G. E. tot. 85 kw. 125 v; d. c. nt. ltg. cir. 110 v; 100 hp. & Sknr; 125 hp. b. Erie.
Coal $5.15.
C L ✠ §105

**PETERSBURG,** 24,127—Virginia Ry. & Pwr. Co. See Richmond.
Local Mgr. J. E. Harvell.......Petersburg
2 sub-stas.; 5 d. c. tot. 1900 kw; 2 a. c. G. E. tot. 1900 kw. 4000-2300 v. 3 ph. 60 cys; a. c. ltg. cir. 104 v; a. c. mo. cir. 224-448 v; 33,000 v. trans. line connection with Richmond.
City cont. 336 arcs series $57 per yr; 164 Mazda series 75 w; all nt.
C L 3 16

**PHOEBUS,** 2,394—Newport News & Hampton Ry., Gas & Elec. Co. For officers, see Hampton.
Trans. volt. 10,000 v. 3 ph. 60 cys; 4 rot. conv. G. E., West, tot. 2000 kw; a. c. day & nt. ltg. cir. 125 v; a. c. day & nt. mo. cir. 220 v.
City cont. 17 arcs. 250 c. p. $48 per yr.; 47 incs. 60 c. p. $26 per yr; all nt.
D R 3 25

**POCAHONTAS,** 2,452 — Appalachian Pwr. Co. See Bluefield, W. Va.
Energy from Byllesby, W. Va.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys.
City cont. series incs. 80 c. p; all nt.
D L 3 25

**PORTSMOUTH,** 33,190—Virginia Ry. & Pwr. Co. See Norfolk.
Local Supt. & Cont. Agt.
W. M. Eaton.................Portsmouth
8 transf. G. E. tot. 1240 kw; 3 rot. conv G. E. 1100 tot. kw; a. c. day & nt. ltg-cir. 112 v. 60 cys; a. c. mo. cir. 440. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 440-220 v.
City cont. 233 a. c. series arcs 6.6 amp. $58 per yr; 562 series tung. 75 w. $22 per. yr; all nt.
C D L 3 16

**POTOMAC,** 559 — Alexandria County Ltg. Co. See Alexandria.
City cont. 45 tung. series 50 w. $15 per yr; moonlt.
L 16

**PULASKI,** 4,807—Appalachian Pwr. Co. See Bluefield, W. Va.

**PURCELLVILLE,** 388—The Loudoun Lt. & Pwr. Co.; cap. outstg. $19,900; bds. $10,000.
*¶Pres., Treas. & Mgr.
M. N. Lyon...................Purcellville
V. Pres. R. W. Ball.......... "
Sec. J. W. Gregg.............. "
Ch. Engr. Pwr. Sta.
R. B. Brown ................ "

2 a. c. West. tot. 80 kva. 2400 v. 3 ph. 60 cys; a. c. day & nt. (mdnt.) ltg. cir. 115 v; a. c. day & nt. (mdnt.) mo. cir. 115-230 v. s. & 3 ph. 60 cys; 133 hp. e. Harrisburg Frick; 160 hp. b. C. & T. (Also 6-ton ice plant Frick.)

City cont. 48 Mazdas 40 c. p. $12 per yr; moonlt. mdnt. & morning hrs; coal $4.25. (Also lts. Hamilton and Round Hill.)

D I L S 1 3 ✣ 125

**RADFORD,** 4,202—Radford Wtr. Pwr. Co. Office, 98 First St.; cap. $50,000; bds. $100,000.

Pres. —— ———..................Radford
Sec. & Treas. R. L. Jenkins........ "
*Gen. Mgr. Oren Dodds.............. "
Elec. Engr. J. Dixon............. "

2 a. c. West. tot. 420 kw. 2200 v. 2 ph. 60 cys; 2 d. c. West. tot. 200 kw. 500 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220-110 v. s. & 2 ph. 60 cys; 600 hp. turb. McCormick, Lef; have connection with lines of Appalach-Power Co. for emergency.

All nt. (Co. also lts. East Radford and New River.)

C D R W 1 2 ✣ 75

**RICHLANDS,** 743 — Wtr., Elec. Lt. & Pwr. Co.

Owners { Mgr, A. E. Clark.....Richlands
*W. Y. Davey........ "
Supt. J. T. Elkins................ "

1 a. c. G. E. 60 kw. 1100 v. s. ph. 60 cys; 100 hp. e. Fitch; 250 hp. b. Stir.

City cont. 54 incs. 50 c. p; mdnt. & 5 A. M. to daylt; coal 70 cts.

L S 1 ✣ 23

**RICHMOND,** 127,628 —Virginia Ry. & Pwr. Co., office 7th and Franklin Sts. (On July 1, 1911, this company (successor to Virginia Pass. & Pwr. Co. which controlled Richmond Pass. & Pwr. Co., Richmond Traction Co. and Richmond & Petersburg Elec. Ry. Co.) purchased and merged the Norfolk & Portsmouth Trac. Co. and controlled properties. Leases the Norfolk Ry. & Lt. Co.) Power stations in Richmond, Norfolk, and Petersburg; cap. auth. $20,000,000; bds. outstg. $12,285,000.

Chm. Bd. Frank Jay Gould,
149 Broadway, New York, N. Y.
Pres. T. S. Wheelwright......Richmond
V. Pres. F. Sitterding.......... "
V. Pres. & Gen. Coun.
H. W. Anderson.............. "
V. Pres. R. Lancaster Williams
Baltimore, Md.
Sec. & Treas. Geo. B. Williams
Richmond
Asst. Treas. W. J. Kehl....... "
Gen. Mgr. C. B. Buchanan.... "
¶ Pur. Agt. C. C. Johnson.... "
Asst. Gen. Mgr. E.C. Hathaway..Norfolk
Gen. Supt. (Elec. Lt. & Pwr.)
H. R. Palmer..................Richmond
*Asst. Gen. Supt. W. C. Bell... "
Ch. Engr. Pwr. Sta. W. O. Randlett "

7 a. c. G. E., Allis-C. West. tot. 20,250 kw. 2300 v. 3 ph. 60 cys; 11 d. c. G. E. tot. 6600 kw. 550 v; a. c. day & nt. ltg. cir. 115-230 v; a. c. day & nt. mo. cir. 220-440 v; d. c. ltg. cir. 235 v; d. c. mo. cir. 470 v; 5,000 hp. e. Allis-C; 16,000 hp. turb. (wtr.) Leffel, Holyoke, Platt; 17,250 kw. turb. G. E., Allis-C., West; 10,600 hp. b. Bab. & W.; 800 amp. hr. stor. bat. E. S. B. 500 v.

Suburban cont. 44 arcs series $60 per yr; 9 Mazda series $24 per yr; all nt; coal $2.50. (Co. also lts. Petersburg, Highland Park, Centralia, Chester and Barton Heights.)

C D R S W 2 3 ★16

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*Munic. Elec. Lt. & Wtr. Plant; cost $250,000.

Bd. Admin. { Robert Whittet..Richmond
John Hirchberg. "
Supt. & Elecn. E. W. Trafford. "
Engr. Pwr. Sta. W.H. Chappell "

6 a. c. G. E. tot. 2875 kw. 4000 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 100 kw. 120 v; a. c. day & nt. ltg cir. 115 v. 60 cys; a. c. mo. cir. 115-3600 v. 3 ph. 60 cys; 2000 kw. stm. turb. G. E; 2400 hp. turb. (wtr.) Smith; 1000 hp. b. Bab. & W.

1269 city arcs a. c. flam. 500 w. enc. $50 & $37 per yr; 250 incs. series 80 c. p. $12 per yr; 160 ornamental cluster posts, 5 lts. 500 w. $55 per yr; all nt; coal $2.50.

D L S W 3 44w

**ROANOKE,** 34,874 — Roanoke Ry. & Elec. Co. (2 pwr. plants —1 stm. (held in reserve) and 1 water.) (Controlled through stock ownership by the Roanoke Trac. & Lt. Co., which in turn, is controlled by the The American Rys. Co.); cap. outstg. $500,000; bds. $705,000.

Pres. H. J. Crowley.............Phila, Pa.
V. Pres. C. L. S. Tingley...... " "
Sec. & Treas. Walter W. Perkins " "
*¶ Mgr. J. W. Hancock..........Roanoke
Supt. & Ch. Engr.
W. G. Claytor................ "
Engr. Pwr. Sta S. S. Williams.. "

8 a. c. G. E, Bull tot. 7,600 kw. 2300 & 11,000 v. 3 ph. 60 cys; 5 arc G. E. tot. 450 lt; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 220-2300 v. 3 ph. 60 cys; d. c. mo. cir. 220 v; 5000 hp. stm. turb. Curtis; 2000 hp. b. Bab. & W; 2600 kw. wtr. wh. Platt;; also purchase energy from Appalachian Pwr. Co.; trans. volt. 11,000 v. 3 ph. 60 cys; 3 transf. G. E. tot. 4500 kw; 3 rot. conv. G. E. W.-H. tot. 1300 kw; 2 mo. gen. G. E. tot. 220 kw.

City cont. 426 a. c. series arcs 7.5 amp. $49.78 per yr; 47 series incs. 80 c. p. $15 per yr.; all nt; coal $2.50. (Co. also lts. Vinton and sells energy in bulk to town of Salem.)

C D R S W 3 ✣ 125

**ROCKY MOUNT,** 967—Lt. & Pwr. Co. (2 pwr. stas., 1 in Rocky Mount and 1 two miles from town); cap. $20,000; no bds.

Pres. N. P. Angle.............Rocky Mount
V. Pres. H. N. Dillard.... "
*¶Sec., Treas. & Mgr. B. L. Fisher "

2 a. c. G. E. tot. 175 kw. 2800 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 115 v. s. & 3 ph. 60 cys; 150 hp. e. Ridgway; 150 hp. b.; 150 turb. (wtr.) Smith.

City cont. 38 series incs. 75 w. $20 per yr; all nt.

D L S W 1 3 16

**RURAL RETREAT,** 700—*Rural Retreat Milling & Electric Co. (Successor to Cornett Lt. & Pwr. Co.); cost $10,000 (approx.)

Owners, D. N. & L. G. Philippi,
Rural Retreat

1 a. c. 90 kw. 2200 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v. 133 cys; 60 hp. e. Frick; 90 hp. b. Nagle.

Coal.

D L S 1 ✣ ★16

**SALEM,** 3,849—Munic. Elec. Lt. Plant; cost $80,000.

Supt. Jno. E. Shank................Salem
*Ch. Engr. & Elecn. C. P. Wilson.. "

Energy purchased from Roanoke Ry. & Elec. Co.; no day cir.

1500 com. incs. 16 c. p. $3 to $4.80 per yr; all nt; coal $3.10.

L X 37

**SHENANDOAH,** 1,431—Munic. Elec. Lt. & Wtr. Plant; cost $25,000.

*Mayor, W. S. Long..........Shenandoah
Clerk, J. P. Hockman....... "
Treas. W. O. Huddle........ "
¶ Supt. & Ch. Elecn.
J. A. Booton................ "

Engr. Pwr. Sta. W. A. Finks..Shenandoah
1 a. c. Ft. W. 70 kw. 1100-110 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 138 hp. e. Ft. W; 160 hp. b. Bass, Ft. W.
41 city arcs G. E. Ft. W. 6 amp. $50 per yr; 1200 carbon & Tung. 16 & 8 c. p. $3.50 & $1.50 per yr; all nt; coal.
L S 1 ✢ ★125

Valley Pwr. Co. See Elkton.

**SOUTH BOSTON,** 3,516—South Boston Elec. Lt. & Pwr. Co.; cap. outstg. $100,000; bds. $60,000.
Pres. T. C. Watkins, Jr....South Boston
Sec., Treas. & Audr. T. C. Wright........ "
*¶ Mgr., Cont. Agt. & Ch. Engr. C. A. Yarrington "
2 a. c. West. tot. 650 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 600 hp. b —; 480 hp. e. Cor; 600 hp. wtr. wh. —.
City cont. 81 Mazdas 60 w. tot. $495 per yr; 52 Mazdas series 100 & 150 w. $18 per yr; all nt; coal $3.65.
D L S W 1 3 ✢ 16

**SOUTH HILL,** 732—South Hill Mfg. Co. (Inc.); cap. $23,450.
Pres. R. E. Yancey..........South Hill
V. Pres. J. E. Pennington......Brodnax
*¶ Sec. Treas. & Ch. Engr. N. G. Smith.........South Hill
1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 100 hp. e. C. & T; 300 hp. b. C. & T.
City cont. 45 Mazdas 45 w. $9 per yr; moonlt; wood.
D L S 3 ✢ 75

**STANLEY,** 218—Stanley Milling Co.
*¶ Pres. & Mgr M. Rondabush.........Stanley
Engr. Pwr. Sta. Claude Rondabush......... "
1 d. c. West. 12½ kw. 120 v; d. c. nt. ltg. cir. 110 v; 60 hp. e. Frick; 75 hp. b. Frick.
City cont. 8 incs. 32 c. p. $18 per yr; 11 P. M; coal $2.50.
C L S ✢ 23

**STAUNTON,** 10,604—Staunton Ltg. Co. Office, 28 So. New St., Taunton. (Owned by Municipal Service Co., 1330 Land Title Bldg., Philadelphia, Pa.)
Pres. H. T. Hartman, 1330 Land Title Bldg., Phila., Pa.
V. Pres. F. C. Durant Jr....... "
Sec. & Treas. J. W. Swain Jr.. "
Mgr. W. G. Eager..........Valdosta, Ga.
¶ Cont. Agt. & Supt. W. F. Ficklen, Jr...........Staunton
Engr. Pwr. Sta. J. R. Wampler. "
4 a. c. G. E. tot. 2350 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 550 kw. 550 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; d. c. mo. cir. 550; 900 kw. e. McI. & S; 1850 kw. G. E; 1150 hp. b. Heine; coal $2.65. (Also lts. Fishersville and sells energy to Riverside Lt. & Pwr. Co., Waynesboro.)
C D L S 3 ✢ ★16

Munic. Elec. Lt. Wks.
*¶ Gen. Mgr. S. D. Holzinger..Staunton
Supt. J. S. Gabbert.......... "
3 arc G. E, T-H. tot. — lt; 260 hp. e. Ridg; 150 hp. b. Phoenix.
75 city arcs West. lumn., 52 enc. arcs carbon & 4 arcs G. E. lumn. $45 per yr; 130 incs. $10 per yr; moonlt; coal $3.
C L S ✢ 16

**STRASBURG,** 762—Rock Spring Elec. Co.; cap. $15,000; no bds. (Plant in Fisher's Hill.)
Pres. J. I. Triplett.........Mt. Jackson
V. Pres. H. H. Copp.........Fishers Hill
*Sec. J. H. Copp........... "
Treas. & Mgr. J. W. Copp....Strasburg
Engr. Pwr. Sta. Alford Bly..Fishers Hill
1 a. c. G. E 50 kw. 2300-110 v. 3 ph. 60 cys; a. c. nt. lt. & mo. cir. 110 v. 60 cys; 75 hp. turb. (wtr.) Christiana.
City cont. 32 incs. $6 per yr; moonlt; (Co. also lts. Fishers Hill.)
L W 3 ★16†

**SUFFOLK,** 7,008—Virginia Ry. & Pwr. Co. For executive officers, see Richmond.
Supt. R. J. Brinkley..........Suffolk
Energy from Norfolk, 11,000 v. trans. line; 3 transf. West. tot. 900 kw; 3 a. c. G. E. tot. 675 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 224-448 v. 3 ph. 60 cys.
City cont. 200 Mazdas "C" 60 c. p. $21 per yr. & 600 c. p. $58 per yr; all nt; coal $2.75.
D L 3 ★16

**TASLEY,** 20—Peninsula Lt. & Pwr. Co.
Pres. B. W. James...........Tasley
Mgr. Thos. R. James ......... "
1 a. c. G. E. 30 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 80 hp. e. Payne; 80 hp. b. Erie.
City cont. mdnt; coal $4.25. (Also lts. Accomac.)
L 1 §105

**TAZEWELL,** 1,230 — Tazewell Elec. Lt. & Pwr. Co.; cap. auth. & pd. in $40,000.
Pres. Geo. P. Hall..........Tazewell
¶ V. Pres. & Gen. Mgr. C. D. Larimer........ "
*Sec. & Treas. W. T. Gillespie... "
1 d. c. West. 100 kw. 110 v; 1 a. c. West. 60 kw. 2200-110 v. s. ph. 138 cys; no day cir; 300 hp. e. Hardie & Tynes, Ames; 300 hp. b. Hardie & Tynes, Ames.
68 incs. 32 c. p. $14.50 per yr; 700 com. incs. 16 cts. per kw; moonlt; coal $2.10. (Co. also lts. North Tazewell and sells energy to Tazewell St. Ry. Co.)
C L S 1 ✢ 61

**VINTON,** 1,928—Roanoke Ry. & Elec. Co. See Roanoke.

**WARRENTON,** 1,427—Warrenton Elec. Lt. & Ice Co.; cost $40,000.
*Mgr. M. J. O'Connell........Warrenton
3 d. c. Ft. W, Allis C. tot. 757 amp. 250 v: d. c. day & nt. ltg. & mo. cir. 220 v; 295 hp. e. Allis-C, Erie; 300 hp. b. Atlas.
City cont. 33 arcs 700 w. $75 per yr; 14 incs. 32 c.p. $25 per yr; moonlt; coal $3.75.
C D L S ✢ 125

**WAYNESBORO,** 1,389—Riverside Lt. & Pwr. Co. (Controlled by Municipal Service Co.); cap. $10,000; no bds.
Pres. & Mgr. Wm. A. Pratt..Waynesboro
V. Pres. H. T. Hartman.......Phila., Pa.
Sec. & Treas. J. W. Swain, Jr. " "
Asst. Treas. Robert Graham... " "
Energy purchased from Staunton Ltg. Co: 21 transf G. E. tot. 200 kva; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 61 Mazdas 60 c. p. $18 per yr; moonlt; coal $2.90.
D L S W 3 ✢ ★16

**WESTPOINT,** 2,200—Peoples Lt., Ht. & Pwr. Corpn.; cap. $19,000.
*Pres. C. L. Maskey.........West Point
V. Pres. Crosby Thompson... "
Sec. E. L. Carden........... "
Treas. H. E. Topping......... "
2 a.c. Ridge, F. M. & Co. tot. 60 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 114 v. 60 cys; 45 hp. e. (gas) Bruce; 90 hp. gas pro. Smith; 25 hp. e. (oil) F. M. & Co.
City cont. 60 incs; all nt; coal.
G L 3 ✢ 16

**WEYER'S CAVE,** 200—Weyer's Cave Lt. & Pwr. Co.; cap. $2,000.
Pres. W. E. Pence..........Weyer's Cave
*V. Pres. J. W. Wright...... "
¶Sec., Treas. & Mgr. L. E. Long "
1 a. c. G. E. 40 kw. 1100 v. s. ph; 75 hp. wtr. wh. Lef.
L W 1 74

**WINCHESTER,** 5,864— Northern Virginia Pwr. Co. Office, Winchester. (Two pwr. plants at Berkeley Springs and two at Millville, W. Va.); cap. outstg. $600,000; bds. $400,000.
Pres. Lewis F. Cooper........Winchester
V. Pres. W. H. Baker........ "
Sec. & Treas. Shirley Carter.. "
*Mgr. D. M. Swink........... "
Local Supt. B. F. Kohlhousen "
Pwr. stas. equip; 9 a. c. West. tot. 6500 kw. 6600-2200-220-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 440-220 v; 4350 kw. turb. (wtr.) Leffel, Smith; 2125 kw. turb. (stm.) West; 2000 hp. b. Bab. & W. Stir, Keeler; trans. volt. 22,000 v.
City cont. 100 arcs a. c. series enc. 6.6 amp. $50 per yr; 200 series Tung. 6.6 amp. 50 w. $15 per yr; all nt; coal $2.75. (Co. also serves Hancock, Md., and Berryville, Va., and Berkeley Springs, Charlestown and Martinsburg, W. Va.)
D L S W 3 ✠ ★16

***WISE,** 808—Norton Lt. & Pwr. Co. See Norton.

**WOODSTOCK,** 1,314 — Woodstock Elec. Lt. & Pwr. Co.; cap. $2,500; no bds.
Pres. J. I. Triplett..........Mt. Jackson
V. Pres. Geo. E. Irvin..........Edinburg
Sec. & Treas. L. Triplett, Jr., Mt. Jackson
*Mgr. Herbert Trotter.........Woodstock
Engr. Pwr. Sta.
Adam Burnshire............. "
2 a.c. G. E. C-W. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 100 v. 60 cys; a. c. mo. cir. 100 v. 3 ph. 60 cys; 350 hp. turb. Leffel.
City cont. 59 incs. 4 amp. 70 w. tot. $800 per yr. (St. ltg. alternates annually between this Co. and the Valley Lt. & Pwr. Co.)
D L W 3 125

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Valley Lt. & Pwr. Co.; cap. outstg. $20,000; bds. 12,000.
Pres. H. B. Chapman..........Woodstock
Sec. & Treas. W. S. French.... "
*Supt. W. B. French........... "
2 a.c. Westg. tot. 250 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir; 400 hp. wtr. wh. Smith.
Co. also lts. Toms Brook and Edinburg. (Trans. line to Strasburg under construction.)
D L W 3 25

**WYTHEVILLE,** 3.054 — Appalachian Pwr. Co. See Bluefield, W. Va.

## WASHINGTON.

**ABERDEEN,** 13,660— Gray's Harbor Ry. & Lt. Co. (Controlled by Federal Lt. & Trac. Co., 60 Broadway, New York, N.Y.); cap. outstg. $500,000; bds. $840,000.
Pres. E. N. Sanderson
60 Broadway, New York, N.Y.
V. Pres. J. B. Bridges..............Aberdeen
Sec. & Gen. Mgr. P. A. Bertrand "
Treas. J. Dunbill
60 Broadway, New York, N. Y.
Asst. Treas. A. E. Rogers....... Aberdeen
Supt. & Ch. Engr. E. A. Bradner "
3 a. c. Westg. G. E. tot. 2400 kw. 2300 v. 3 ph. 60 cys; 1600 hp. b.
City cont. all nt; wood. (Co. also lts. Hoquiam and Cosmopolis.)
R S 3 16

**ALMIRA,** 368—The Washington Wtr. Pwr. Co. (Wilbur Dist.) For executive officers, see Spokane.
Local Agt. E. W. Chilton..........Almira
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✠ 16

**ANACORTES,** 4,168— Anacortes Lt. & Wtr. Co.; cap. outstg. $300,000; bds. $55,000.
*¶Pres. Mgr. & Cont. Agt.
Douglas Allmond...............Anacortes
V. Pres. J. W. Fleet.......... "
Sec. & Treas. E. P. Barker..... "
Ch. Elecn. C. R. Franklin..... "
2 a. c. G. E. tot. 700 kw. 2300 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v; 170 hp. e. Stearns Mfg. Co.; 360 hp. b. Sumner; 500 hp. stm. turb. G. E.
City cont. 24 arcs G. E. series 6.6 amp. $72 per yr; 58 incs. 60 c. p. 6.6 amp. $19.20 per yr; all nt; oil 87 cts. per bbl.
D L S 3 ✠ 16

**ARLINGTON,** 1,476—Jim Creek Wtr., Lt. & Pwr. Co.; hydro-elec. plant on Jim Creek; cap. $66,600; no bds.
Pres. Thomas Moran...........Arlington
Sec. & Treas. Frank Kraushoff.. "
*¶Mgr. & Cont. Agt.
E. G. Robinson, Jr............. "
Engr. Pwr. Sta. Harry Bachelder "
2 a. c. Stan. West. tot. 290 kw. 11,000-2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 2200-220-110 v. 3 ph. 60 cys; 90 hp. e. McE; 100 hp. b. Quak. City; 300 hp. (wtr.) turb. Trump; stm. plant reserve.
D L S W 1 3 ✠ 75

**ASOTIN,** 820—Lewiston-Clarkston Improvement Co. See Clarkston.

**BELLINGHAM**, 26,500—Puget Sound Traction, Lt. & Pwr. Co. (Bellingham Div.) (Successor to Whatcom County Ry. & Lt. Co.) For executive officers, see Seattle.
Mgr. L. R. Coffin..............Bellingham
Cont. Agt. R. W. Lindley..... "
¶ Pur. Agt. E. L. Noyes....... "
Supt. R. U. Muffley ........... "
Ch. Engr. H. A. Titcomb..... "
2 a. c. W. E, G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. 500 kw. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 1000 hp. e. McI. & S; 2728 hp. stm. turb. Curtis; 1500 hp. b. Stir; 3218 hp. turb. (wtr.) Pelton; trans. 60,000 v; some energy purchased from Western Canada Pwr. Co.; 28 transf. tot. 8298 kw; 1 rot. conv. G. E. 500 kw.
City cont. 242 arcs 6.6 amp. $54 per yr; 35 incs. 32 c. p. $14.40 per yr; 7 incs. 80 c. p. $25.20 per yr; moonlt; wood & oil. (Co. also lts. Glacier, Maple Falls and Lynden.)
C D R S W 3 ✠ 26

**BELMONT,** 30—The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. L. Cunningham.......Belmont
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✠ 16

**BLAINE,** 2,289—*Munic. Elec. Lt. Plant; cost $15,000; bds. $14,000.
Supt. Theo. Burnley .................Blaine
Purchase energy from British Columbia Elec. Ry. Co., Ltd; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
72 city incs. G. E. 100 w; all nt.
D L 3 ✠ 74

**BREMERTON,** 2,993—*Bremerton-Charleston Lt. Fuel Co.
2 a. c. War. tot. 135 kw. 2200 v. 3 ph. 60

cys; no day cir; 200 hp. e. Ideal; 208 hp. b. Stir.
City cont. 9 arcs; all nt; wood. (Also lts. Charleston.)
L S 2 75†

**BREWSTER,** 296—Okanogan Valley Pwr. Co. Gen. office, 521 First Ave., Spokane. (Acquired Methow Valley Pwr. Co.); cap. outstg. $118,600; no bds.
*¶ Pres. & Mgr. Eugene Enloe...Spokane
V. Pres. S. E. Gates.............. "
Sec. & Treas. W. C. Sivyer....... "
Gen. Supt. J. E. Brayton.........Brewster
2 a. c. G. E., West. tot. 430 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 60 cys; 800 hp. wtr. wh. Leffel.
City cont. 65 Mazdas; all nt. (Co. also lts. Bridgeport, Okanogan, Omak and Pateros.)
D L W 1 3 ✠ 16

**BUCKLEY,** 1,272—Puget Sound Trac. Lt. & Pwr. Co. See Seattle.
Energy from Dieringer.
City cont. 21 incs. 32 c. p. $24 per yr;
L ✠ 941

**BUCODA,** 700—North Coast Pwr. Co. See Portland, Oregon.
Energy from Chehalis; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 236 v. 3 ph. 60 cys.
City cont. 60 w. mult. incs. $18 per yr.
D L 3 26

**BURLINGTON,** 1,302—Pacific Northwest Trac. Co. See Mt. Vernon.

**CAMAS,** 1,125—Northwestern Electric Co. See Portland, Ore.

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Western Light & Power Co. See Washougal.

**CASHMERE,** 625—Munic. Wtr. & Lt. Dept; bds. $10,000.
Treas. Louis Ables..............Cashmere
*Mgr. O. M. Carter............. "
Purchases energy from Wenatchee Valley Gas & Elec. Co; 2 transf. West. tot. 150 kw; day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-440 220-110 v. s. & 3 ph. 60 cys.
135 city series tung. 80 c. p. 6.6 amp; all nt.
D L 1 3 25

**CASTLE ROCK,** 998 — Independent Elec. Co. See Winloch.
City cont. 6 arcs. 1200 c. p. $75 per yr; 45 incs. 25 c. p. $2 per yr; all nt; wood $2.65.
L 113

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St. Helens Ore, Mill & Pwr. Co.; cap. $319,000.
Pres. & Treas. A. M. Earll..Hoopeston, Ill.
V. Pres. J. A. Vance.................Elma
Sec. A. M. Honeywell.....Hoopeston, Ill.
*Supt. C. C. Brown..........Castle Rock
180 hp. e.
L S ★16

**CENTRALIA,** 7,311—Munic. Elec. Lt. Dept. 120 W. Maple St; cost $40,000; bds. $13,000.
*City Elecn. J. S. Dickerson....Centralia
Buys energy from North Coast Power Co. (Chehalis sta.), 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
30 city arcs magn. 4 amp.; 147 incs. "C" 400, 250 & 80 c. p; all nt.
D L 1 3 75

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North Coast Power Co. See Portland, Ore.
a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.
D R 3 26

**CHARLESTON,** 1,062 — Bremerton-Charleston Lt. & Fuel Co. See Bremerton.

**CHEHALIS,** 4,507—North Coast Power Co. For executive officers, see Portland, Ore.
Dist. Mgr. O. B. Frank...........Chehalis
Engr. Pwr. Sta. O. J. Kories.... "
2 a. c. Allis-C. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 1 d. c. G. E. tot. 300 kw. 600 v; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 240 v; 1500 hp. e. Allis-C; 1200 hp. b. Sterling; 2 transf. Allis-C. tot. 1000 kw. 1 mo.-gen. G. E. 300 kw; trans. 45,000 v. 3 ph. 60 cys.
City cont. 20 arcs 7.5 amp. and 75 incs. 16 c. p. 3 cts. per kwh. moonlt. mdnt; lignite 35 cts. to $1.75. (Trans. to Kelso and Centralia (energy sold in Bulk to City), Bucoda and Tenino.)
C D R S 3 ★26

**CHELAN,** 682—Chelan Elec. Co.; cap. outstg. $500,000.
Pres. R. Budd.............St. Paul, Minn.
Comptroller, G. R. Martin. " "
Sec. & Treas.
L. E. Katzenbach........ " "
Audr. A. B. Fisher....... " "
*¶ Mgr. L. V. Harper...............Chelan
1 a. c. Warren 75 kw. 2200-110 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v; 200 hp. turb. Leffel.
City cont. 75 incs. 50 c. p. 6.6 amp. $9 per yr; all nt. (Co. also lts. Lakeside.)
D L W 1 ✠ 16

**CHENEY,** 1,207 — Cheney Elec. Lt. Plant.
Owner, Chas. Main..San Francisco, Cal.
*¶ Mgr. L. Walter...............Cheney
Ch. Engr. Guy Arthur............ "
2 d. c. G. E. tot, 15 kw. 110 v; no day cir; 50 hp. e. Rus; 60 hp. b. Rus; also purchases energy from The Washington Wtr. Pwr. Co.
City cont. 25 incs. 16 c. p. $12 per yr; mdnt; wood $3.
C L S ✠ 37

**CHEWELAH,** 823—Munic. Elec. Lt. Plant; cost $18,000.
Mayor, D. D. Monroe...........Chewelah
Clerk, Geo. Yohmans.......... "
Treas. C. H. Dunlap............. "
¶ Pur. Agt. N. Wallace........... "
*Supt. Ed. Royal................ "
Engr. Pwr. Sta. L. H. Williams. "
1 a. c. F. M. & Co. 50 kw. 2300-220-110 v. 3 ph. 60 cys; no day cir; 50 hp. turb. wtr.) Pelton.
55 city tung. 100 & 60 w; all nt.
L W 3 ✠ ★16

**CLARKSTON,** 1,257—Lewiston-Clarkston Improvement Co. Office, Clarkston. (Power plants at Asotin, Pomeroy Gulch and Clarkston); cap. outstg. $2,400,000; bds. $600,000.
Pres. & Mgr. Robert A. Foster. Clarkston
V. Pres. & Audr.
Henry Adams, 2nd........Boston, Mass.
Sec. Geo. W. Bailey..................Asotin
*¶ Treas. W. R. Echternach....Clarkston
Cont. Agt. Henry Jones..Lewiston, Idaho
Supt. J. J. Jennings.... " "
Engr. Pwr. Stas. Sage Akins " "
Total equip. 5 a. c. Westg. G. E. tot. 650 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir 2200 & 440 v. 3 ph. 60 cys; trans. volt. 22,500 v. 3 ph. 60 cys; 2000 hp stm. turb. Westg. Curtis; 3500 hp. turb. Platt, Doble; 1650 hp. b. Atlas, Sterling; 16 transf. G. E. West. tot. 4305 kw.
City cont. 13 arcs G. E. 6.6 amp. $78 per yr; 315 incs. 80 c. p. 6.6 amp. series $30 per yr; all nt; coal $4.83. (Lts. Lewiston and Lapwai, Idaho, and Clarkston and Asotin, Wash.)
D N S W 3 45

**CLEAR LAKE,** 498 — Clear Lake Lumber Co.; cap. $450,000; no bds.
Pres. Frank Horton......Winona, Minn.
*V. Pres. & Mgr. F. H. Jackson Clear Lake
Sec. B. R. Lewis............... "
Treas. Roscoe Horton.....Winona, Minn.
Gen.Supt. W. W. Evans.......Clear Lake
Engr. Pwr. Sta. Wm. Cook.... "

2 a. c. E. M. Co, G. E. tot. 140 kw. 440 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; 110 hp. e. Ball; — hp. b. C. & H. Sumner.

City cont. 5 arcs; 100 incs; all nt; sawmill refuse.

D L S 3 ✠ 16

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Northwestern Trac. Co. See Sedro-Woolley.

**CLE ELUM,** 2,749—Northwestern Improvement Co. See Roslyn.

**COLFAX,** 2,783—The Washington Wtr. Pwr. Co. See Spokane.
Dist. Supt. Robert Gray............Colfax

2 transf. G. E. tot. 250 kw; a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 220-2300v. 3 ph. 60 cys.

D L 3 ✠ 16

**COLTON,** 393—The Washington Wtr. Pwr. Co. (Moscow Dist.). For executive officers, see Spokane.
Local Agt. J. L. Kirk...............Colton

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✠ 16

**COLVILLE,** 1,512 — Stevens County Pwr. & Lt. Co. Plant at Meyers Falls; cap. $100,000.
Pres. A. H. Sperry...............Spokane
*V. Pres. & Mgr. H. R. Williams. Colville
¶ Sec. & Treas. E. B. Bird.......Spokane

2 a.c. Bull, G. E. tot. 420 kw. 2200-11000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. mo. cir. 220 v; 750 hp. turb. Lef, Pelton.

City cont. 30 arcs G. E. lumn 4 amp. $66 per yr; 22 Mazda series 100 w. $24 per yr; all nt. (Co. also serves Meyers Falls, Marcus and Kettle Falls; also trans. lines to mines near Chewelah. Pwr. plant under construction.)

D L W 3 ✠ 16

**CONCONULLY,** 357—*Wm. McDaniel.

1 d. c. 10 kw. West. 120 v; d. c. nt. ltg. cir. 120 v; 25 hp. e. Nagle; 61 hp. b. ——.

City cont. 23 tung. mdnt; wood.

C L S ✠ ★85†

**COSMOPOLIS,** 1,132—The Grays Harbor Commercial Co.
Pres. A. W. Jackson. .San Francisco, Cal.
V. Pres. W. H. Talbot " "
Sec. L. H. Pierson.... " "
Treas. F. C. Talbot... " "
Mgr. Neil Cooney.............Cosmopolis
¶ Pur. Agt. L. B. Hogan...... "
*Supt. Oscar Halverson....... "

3 d. c. West. tot. 127½ kw. 250-125 v; no day cir; — hp. e. Ohmen; —— hp. b. Sawdust.

C L S ✠ 82

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Gray's Harbor Ry. & Lt. Co. See Aberdeen.

**CRESTON,** 308—The Washington Wtr. Pwr. Co. (Wilbur Dist.). For executive officers, see Spokane.
Local Agt. B. Scriven.............Creston

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 16

**DAVENPORT,** 1,229—The Washington Wtr. Pwr. Co. See Spokane.
Dist. Supt. R. H. Morrill.......Davenport

1 transf. G. E. 250 kw; a. c. day & nt. ltg. cir. 116 v; a. c. mo. cir. 230 v. 3 ph. 60 cys.

D L 3 ✠ 16

**DAYTON,** 2,389—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. H. A. Mott.............Dayton

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 30 3-lt. cluster posts 180 w. $32.50 per yr; 126 incs. series 6.6 amp. 60 c. p. $14.40 per yr; all nt. (Trans. to Huntsville.)

D L 3 ✠ 16

***DIERINGER,** 100—Puget Sound Trac., Lt. & Pwr. Co. See Seattle.

**DUVALL,** 100—Duvall Lt. & Wtr. Co.; cap. $16,000; no bds.
Pres. E. Milton Stephens.........Monroe
Sec. & Treas. B. F. Bird.......Snohomish
*¶ Mgr. & Cont. Agt.
Geo. M. Anderson...............Duvall

1 a. c. 35 kva. 2200 v. 3 ph. 60 cys. Ridg; a.c nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 65 hp. e. Ridg; —hp. b. Summer.

(Steam purchased.)

L S 3 ✠ 16

**EATONVILLE,** 1,000—Munic. Elec. Lt. Plant; cost $8,300; warrants outstg. $7,200.
Mayor, C. A. Nettleton..........Eatonville
*Clerk Chas. C. Biggs.......... "
Treas. Norman J. Bruen....... "

Purchases energy from City of Tacoma; trans. 6600 v. 3 ph 60 cys; 5 transf. West. tot. 40 kw; a. c. day & nt. ltg. & mo. cir. 36 city incs. tot. $300 per yr; all nt.

D L 3 16

**EDMONDS,** 1,114—Edmonds Elec. Lt. & Pwr. Co.; cap. outstg. $50,000; no bds.
Pres.& Treas. Wales R. Ammon. Edmonds
*V. Pres., Sec. & Mgr. A. A. Cobb "

Purchases energy from Pacific Northwest Trac. Co; 3 transf. West. tot. 75 kw; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 110-220-2200 v. 3 ph. 60 cys.

City cont. 48 incs. 50 c. p. $30 per yr; all nt.

D L 3 ✠ 35

**ELBERTON,** 330 — The Washington Wtr. Pwr. Co. (Colfax Dist.). For executive officers, see Spokane.
Local Agt. Guy Irwin..........Elberton

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v 3 ph. 60 cys.

D L 3 ✠ 16

*** ELECTRON,** 50—Puget Sound Trac., Lt. & Pwr. Co. See Seattle.

**ELLENSBURG,** 4,209 — Munic. Elec. Plant. Office, 306 N. Pine St.; pwr. plant on Yakima River; bds. $110,000.
*¶ Mgr. E. L. Butler..............Ellensburg
Engr. Pwr. Sta. Jas. Patrick.. "

4 a. c. Allis-C, Ft. W. tot. 2200 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 1250 kw. stm. turb. Allis-C; 650 hp. b. Hawkes; 1660 hp. wtr. wh. Platt, Smith; trans. 6600 v. 3 ph. 60 cys.

70 city arcs West. 280 w; 20 incs. 250 w; 143 3-lt. clusters 60 c. p. 3 cts. per kwhr. all nt; coal $4.48.

D L S W 1 3 16

**ELMA,** 1,532—*Elma Lt. & Pwr. Co.; stm. plant in Elma; wtr. pwr. plant 4 miles distant; cap. $30,000; no bds.
Pres., Mgr. & Ch. Elecn. C. P. Allison. Elma
¶ Sec. & Treas. Geo. A. Avery...... "
Ch. Engr. T. E. Donaldson.......... "

1 a. c. T-H, 120 kw. 2250-104 v.s. ph. 133 cys; 84 hp. e. Atlas; 250 hp. turb. (wtr.) Lef; 100 hp. b. Atlas.
City cont. 16 arcs 1200 c. p. $90 per yr; all nt.
L S W 1 ✣ 123w

**ENDICOTT**, 474 — The Washington Wtr. Pwr. Co. (Colfax Dist.). For executive officers, see Spokane.
Local Agt. R. R. Hutchinson....Endicott
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ 16

**ENUMCLAW**, 1,129 — Puget Sound Trac. Lt. & Pwr. Co. See Seattle.

**EVERETT**, 28,814—Puget Sound International Ry. & Pwr. Co. Office, 1606 Hewit Ave. (Leases and operates Everett Ry. Lt. & Wtr. Co., which had taken over the Everett Ry. & Elec. Co. & Everett Wtr. Co.) (Controlled by the Pacific Northwest Trac. Co.)
Pres. Frederick S. Pratt....Boston, Mass.
V. Pres. A. W. Leonard............Seattle
Sec. Clement R. Ford......Boston, Mass.
Treas. H. B. Sawyer ........ "
Gen. Mgrs. Stone & Webster
Mgt. Assn.................. "
Mgr. Donald C. Barnes............Everett
25

Everett Ry., Lt. & Wtr. Co. (Operated under lease by the Puget Sound International Ry. & Pwr. Co.); cap. $2,000,000; bds. auth. $1,600,000. outstg. $1,325,000, 5 p. c. nt.
Pres. J. T. McChesney.............Everett
V. Prests. { L. S. Duryee.......... "
H. P. Scott............ "
Sec. & Treas. Edw. C. Mony...... "
Gen. Mgrs. Stone & Webster Mgt.
Assn., ....................Boston, Mass.
Mgr. D. C. Barnes..................Everett
Cont. Agt. H. F. Carleton ......... "
¶ Pur. Agt. K. K. Carrick.......... "
*Supt. A. M. Chitty................ "
1 d. c. West. 500 kw. 500 v; 2 a. c. West. tot. 1250 kw. 2200-104 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a.c. day mo. cir. 440 v. 2 ph. 60 cys; d. c. day mo. cir. 500 v; 1000 hp. e. Allis-C; 750 hp. stm. turb. West; 1218 hp. b. Bab. & W; also buy energy from Puget Sound Trac., Lt. & Pwr. Co.
Coal $2.30. (Co. also lts. Lowell & Marysville.)
C D R S 2 ✣ 25

**FARMINGTON**, 489—The Washington Wtr. Pwr. Co. (Colfax Dist ). For executive officers, see Spokane.
Local Agt. Fred Colvin......Farmington
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ ★16

**GARFIELD**, 982 — The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. Fred Colvin...........Garfield
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ ★16

**GEORGETOWN**, 1,913—Puget Sound Trac., Lt. & Pwr. Co. See Seattle.

**GOLDENDALE**, 1,203—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. J. C. Naylor......Goldendale
1 a.c. Stan. 150 kw. 2300 v. 3 ph. 60 cys; 3 transf. G. E. tot. 150 kw; trans. 6600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. 2 & 3 ph. 60 cys; 250 hp. turb. (wtr.) Platt.
City cont. 16 arcs G. E. series 6.6 amp. $66 per yr; 51 incs. G. E. series 6.6 amp. $14 per yr; all nt. (Co. also lts. Centerville and Blockhouse.)
D L W 1 2 3 ✣ 16

**GRANITE FALLS**, 714—Granite Falls Elec. Co.; cap. $20,000; no bds.
Pres. F. I. Anderson..................Sultan
V. Pres. Herman Freise......Snohomish
*Sec., Treas. & Mgr.
C. H. Cleaver..............Granite Falls
Engr. Pwr. Sta. J. H. Bockmier "
1 a.c. Allis-C. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day (except Sunday) & nt. ltg. cir. 110 v. 60 cys; a. c. day (except Sunday) & nt. mo. cir. 220 v. 3 ph. 60 cys; 100 hp. turb. (wtr.) Leffel; 80 hp. e. (gas) Elyria.
City cont. 1 arc series 6.6 amp. $96 per yr; 33 series Tung. 60 c. p. 6.6 amp. $86 per yr; all nt.
D G L W 3 ✣ 16

* **GULCH** — Lewiston-Clarkston Improvement Co. See Clarkston.

**HANFORD**,—Black Rock Pwr. & Irrig. Co. (Purchased property of Hanford Irrigation & Power Co.) Operates Hydro-electric plant at Priest Rapids, Wash., and distributing system in Hanford, Wash.; cap. $50,000; bds. $350,000.
Pres. H. Alex. Smith,
Mng. Exch. Bldg. Colo. Spgs., Colo.
V. Pres. G. W. Arnold,
Hoge Bldg., Seattle
¶Sec. & Mgr. Chas. M. Sanford..Hanford
Treas. Geo. B. Hatch,
Mng. Exch. Bldg., Colo. Spgs., Colo.
*Engr. Pwr. Sta. E. B. Sanford,
Priest Rapids
2 a. c. Allis-C. tot. 1800 kw. 2300 v. 3 ph. 60 cys; trans. volt. 66,000 v; a. c. day & ı t. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. 3 p. h. 60 cys; 2.000 h. p. wtr. wh. Allis-C.
City cont.
D L N W 3 ✣ ★105

**HARRINGTON**, 661 — The Washington Wtr. Pwr. Co. For executive officers, see Spokane.
Dist. Supt. Wm. J. Martin.....Harrington
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ ★16

**HARTLINE**, 237 — The Washington Wtr. Pwr. Co. (Wilbur Dist.) For executive officers, see Spokane.
Local Agt. H. C. Phillips........Hartline
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ 16

**HILLYARD**, 3,276—The Washington Wtr. Pwr. Co. See Spokane.

**HOQUIAM**, 8,171—Gray's Harbor Ry. & Lt. Co. See Aberdeen.

**HUNTERS**, 20—Hunters Elec. Lt. Co.; cost $2,500.
*Owner & Mgr. G. L. Martin.....Hunter
1 d. c. Bull. 250 kw. 250 v; nt. ltg. cir; 17 hp. wtr. wh. Pelton.
C L W ✣ 25

**ILWACO**, 664—North Shore Lt. & Pwr. Co.; cap. $25,000; bds. $2,700.
Pres. E. F. Saylor...........Portland, Ore.
Sec. & Supt. E. T. Hutchin. "
*Treas. & Mgr. F. M. Eidson.........Ilwaco
Engr. Ernest Samples............... "
2 a. c. T-H, Allis-C. tot. 90 kw. 1100-2300 v. s. & 3 ph. 60 & 133 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 60 hp. e. Ohmmer; 100 hp. b. F. M. & Co.; 60 hp. e. (oil) Union.
City cont. 40 Tung. 40 & 150 w. $18 & $60 per yr; mdnt; slabs $1.50; oil 6½ cts. (Co. also lts. Seaview and Long Beach.)
G L S 1 3 ✣ 16

**INDEX,** 417—Index Galena Co.
Pres. C. H. Feigenbaum..............Index
V. Pres. Hugh Clemans...Manchester, Ia.
*Sec. & Treas. H. Schneider........Index
Supt. H. C. Eagles..................."

2 a. c. Ed. Com. tot. 60 kw. 115 v. 3 ph. 60 cys; 600 hp. b. Summer Iron Wks.

City cont. 15 Mazdas 60 w. $18 per yr; sawdust.

L S 3 44

**KALAMA,** 816—North Coast Power Co.
For executive officers, see Portland, Ore.
Engr. Pwr. Sta. L. A. Van Fleet..Kalama

3 a. c. G. E. Allis-C. tot. 675 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 240 v. 3 ph. 60 cys; 1100 hp. wtr. wh. Allis-C, Smith; trans. volt. 45,000 v. 3 ph. 60 cys.

City cont. 27 G. E. arcs series 6.6 amp. $60 per yr. all nt. (Trans. to Kelso and Rainier, Ore.; energy sold in bulk to Independent Elec. Co. operating at Castle Rock, Napavine, Winlock, Vader and Woodland.)

D R W 3 ★16

**KELSO,** 2,039—North Coast Power Co.
For executive officers, see Portland, Ore.
Local Mgr. B. M. Atkins...........Kelso

Energy from Chehalis and Kalama; 5 transf. Allis-C, G. E. tot. 800 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys.

City cont. 60 w. mult. incs. $15 per yr. (This sta. also lts. W. Kelso.)

D L 3 ★16

**KENNEWICK,** 1,219—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Supt. of Pwr. J. H. Seigfreid..Kennewick

Trans. 66,000 v. 3 ph. 60 cys; 1 transf. G. E. 1000 kw; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 240 v. 3 ph. 60 cys. Auxiliary stm. plant; 1 a. c. G. E. 500 kw. 2400 v. 3 ph. 60 cys; 500 kw. stm. turb. G. E, Curtis; 450 hp. b. Atlas, Keeler.

City cont. 12 arcs series $66 per yr; 74 series Mazdas $18 per yr; all nt; coal $4.70.

D L S 3 ✠ 16

**KENT,** 1,908—Puget Sound Electric Ry. Co. See Tacoma.

**LA CONNER,** 603—Elec. Ltg. Plant.
Owners, Foster & Osburg......La Conner
*Ch. Engr. & Elecn. S. J. Yerex "

1 d. c. G. E. 125 kw. 110-2200 v; no day cir; 50 hp. e. Rus; 60 hp. b. Rus.

City cont. 10 arcs 2000 c. p. $80 per yr; all nt; wood $2.50.

C L S ✠ 23

**LATAH,** 339 — The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. R. T. Hadley...........Latah

a. c. day & nt. ltg. cir, 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✠ 16

**LEAVENWORTH,** 1,551—Tumwater Lt. & Wtr. Co.; cap. $50,000; no bds.
Pres. & Treas. J. B. Adams..Leavenworth
*Sec. L. R. Hart............. "
Supt. D. A. Burgett.......... "
Engr. Pwr. Sta. E. Mohler.. "

3 a. c. Allis-C, Natl, West. tot. 375 kw. 2200 v. s. 2 & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. mo. cir. 220-110 v. s. ph. 60 cys; 350 hp. turb. (wtr.) Smith, Globe.

City cont. 5 4-lt. posts, Mazda series 6.6 amp. $84 per yr; 67 Tung. $24 per yr; all nt. (Also lts. Peshastin.)

D L W 1 2 3 16

**LIND,** 831—The Washington Wtr. Pwr. Co. For executive officers, see Spokane.
Dist. Supt. J. D. Lewis..............Lind

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✠ ★16

**LYNDEN,** 1,148—Puget Sound Trac., Lt. & Pwr. Co. See Seattle.

**MARCUS,** 500—Marcus Lt. & Wtr. Co. Office, Hillsboro, Ore.
Pres. H. V. Gates.........Hillsboro, Ore.
Sec. Treas. & Mgr.
O. B. Gates.............. "
*Supt. C. T. Humphreys..........Marcus

Purchases energy from Stevens County Pwr. Co.; trans. 11,000 v. 3 ph. 60 cys; 8 transf. G. E. tot. 90 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s & 3 ph. 60 cys.

City cont. 34 Mazdas series 4 amp. 80, 60 & 32 c.p. $20 per yr; all nt.

D L 1 3 ✠ 16

**MARYSVILLE,** 1,239—Everett Ry., Lt. & Wtr. Co. See Everett.

**MEDICAL LAKE,** 316—Enloe Elec. Co.
*Owner & Mgr. Eugene Enloe,
521 First Ave., Spokane

Purchases energy from Wash. Wtr. Pwr. Co.; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. mo. cir. 118 v. 3 ph. 60 cys.

City cont. 2 arcs 6 amp. $120 per yr; 12 tung. 80 c. p. $30 per yr; all nt. (Co. also lts. Fairfield, Rosalia, Malden and Waverly.)

D L 3 ✠ 16

**MILAN,** 300—Little Spokane Pwr. Co.
Owner, Geo. Nixon..............Spokane
*Mgr. L. M. Nixon..................Milan
Asst. Engr. Pwr. Sta. Robt. Nixon. "

1 a. c. West. 80 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 220-110 v. s. ph. 60 cys; d. c. mo. cir. 110 v; 200 hp. turb. (wtr.) Lef; trans. 6600 v. 3 ph. 60 cys.

City cont. 80 c. p. Tung. $18 per yr; all nt. (Co. lts. Deer Park & Chattaroy.)

D L W 1 3 22

**MONROE,** 2,000 — Everett Gas Co. See Snohomish.

Energy from Puget Sound Trac., Lt. & Pwr. Co.; 2 transf. West. tot. 250 kva; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 3 ph. 60 cys.

City cont. 38 arcs 4 amp. magn. West. $72 per yr; 11 tung. series 75 w. $30 per yr; all nt.

D L 3 ✠ 25

**MONTESANO,** 2,488—Northwest Elec. & Wtr. Wks. Office, 614 New York Blk., Seattle. (Hydro-elec. plant on Lake Sylvia, 1½ mi. north of city; stm. plant on Chehalis River, 1 mi. south of city); cap. outstg. $500,000; bds. $125,000.
Pres. & Treas. Chas. E. Shepard
614 N. Y. Blk., Seattle
*¶ V. Pres., Mgr., Cont. Agt. &
Ch. Engr R. J. Andrus.....Montesano
Sec. John E. Burkheimer
614 N. Y. Blk., Seattle
Engrs. Pwr. Sta. Ed. M. Keys (Steam)
614 N. Y. Blk., "
Silas Wilder (Hydro-Electric)
614 N. Y. Blk., Seattle

3 a. c. G. E. West. tot. 500 kva. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 110-220-480 v. s. & 3 ph. 60 cys; 400 hp. e. Ham. Cor; 325 hp. b. Lyons, Atlas, Geary; 313 hp. wtr. wh. Pelton; trans. volt. 6600 v. 3 ph. 60 cys.

City cont. 14 arcs G. E. type "W" 840 w. $75 per yr; 72 incs. multiple 60 w. $9

per yr. all nt; distillate cedar refuse 50 cts. per cd. (Co. also lts. Satsop.)
D G L S W 1 3 ✢ ★16

**MT. VERNON,** 2,381—Pacific Northwest Traction Co. (Controlled by the Puget Sound Trac., Lt. & Pwr. Co.)
Pres. Fred'k S. Pratt......Boston, Mass.
V. Prests. { Guy L. Weymouth "
A. W. Leonard..........Seattle
Sec. Chester M. Clark.....Boston, Mass.
Asst. Treas. J. C. Hector......Bellingham
Gen. Mgrs. Stone & Webster, Mgt. Assn......................Boston, Mass.
Mgr. L. R. Coffin..............Bellingham
¶ Pur. Agt. Ed. L. Noyes..... "
Supt. L. E. Stearns...........Mt. Vernon
Energy purchased from Puget Sound Trac. Lt. & Pwr. Co.; 2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 500 hp. e. Bates, Cor; 350 hp. b. Rus.
City cont. 21 arcs G. E. 6.6 amp. $72 per yr: 40, 60 & 100 w. $14.40 $19.20 & $25.20 per yr: all nt. (Co. also serves Edmonds, Burlington and Sedro-Woolley.)
D R S 3 ✢ 25

**NACHES,** 200—Pacific Pwr. & Lt. Co. See Portland, Ore.
4 a. c. G. E. tot. 9500 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. s. & 3 ph. 60 cys; 1000 hp. e. Ridg; 2000 kw. stm. turb. G. E; 2050 hp. b. Bab. & W; 10,100 hp. wtr. wh. Pelton, Platt.

*NACHES DROP.*
1 a. c. G. E. 1400 kva. 2300 v. 3 ph. 60 cys; 1900 wtr. wh. Pelton.
N S W 1 3 16

**NEWPORT,** 1,199—Northern Idaho & Montana Pwr. Co. See Sandpoint, Ida.
Local Mgr. & Cont. Agt. J. G. Flynn.......................Newport
Engr. Sub.-Sta. C. H. Flynn..... "
Energy from The Washington Wtr. Pwr. Co., Post Falls, Ida., 66,000-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-220-110 v. s. & 3 ph. 60 cys.
City cont. 9 arcs series 320 w. $75 per yr; 43 series Mazdas 40 w. $16 per yr; all nt.
D L 1 3 ✢ 25

**NORTH YAKIMA,** 14,082—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. Geo. C. Sawyer..North Yakima
1 a. c. G. E. transf. 2000 kw. 66,000-2300-230-115 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys: a. c. mo. cir. 2300 230-115 v. 3 ph. 60 cys; trans. 66,000 v.
City cont. 169 arcs 4 amp. magn. $66 per per yr; 80 incs. 80 c. p. $20 per yr; all nt: coal $3.50. (Trans. to Selah, Moxee City and Naches.)
D N 3 ✢ 16

**OAKESDALE,** 882—The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. P. L. Crawford.....Oakesdale
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✢ 16

**OAKVILLE,** 465—Oakville Lt. & Pwr. Co.; cost $5,000.
Owner & Mgr. Frank Liesner.. Oakville
1 a. c. Elec. Mch. 36 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 35 hp. e. (gas) Otto.
City cont. 30 incs. tot. $480 per yr; 1 A. M; distillate 7 cts.
G L 3 ✢ ★16

**ODESSA,** 865—The Washington Wtr. Pwr. Co. For executive officers, see Spokane.
Dist. Supt. R. E. Scholer.........Odessa
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✢ 16

**OLYMPIA,** 6,996—Olympia Lt. & Pwr. Co., 523 Main St.; cap. $165,000; bds. $100,000.
Pres. Hazard Stevens.....Boston, Mass.
Sec. Jno. F. Souther...... " "
*¶ Treas. & Mgr. L. B. Faulkner..Olympia
Supt. & Ch. Elecn. H. C. Ranft. "
1 a. c. West. 500 kw. 2200-104 v. 2 ph. 60 cys; 1 d. c. pwr. West. 500 kw. 550 v; 1 rot. conv. 200 kw; a. c. day cir. 104 v; d. c. day cir. 500 v; pwr. cir. 500 v; 1600 hp. turb. S. B. & S. V.
City cont. 40 arcs $72 per yr; 175 Tung. 50 w. $18 per yr; all nt. (Co. also lts. Tumwater.)
C D R W 2 ✢ 16

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Washington Public Service Co. Office, Olympia; cap. outstg. $150,000; bds. $173,000.
Pres. W. B. Foshay..... } Pittock Block
V. Pres. L. H. Foshay... } Portland, Ore.
Sec. L. P. Hornberger............ Seattle
*Treas. & Mgr. C. A. Harmony....Olympia
Steam plant under construction; exhaust steam to be used for stm. htg. system, also under construction.
H S T 16

**OROVILLE,** 495—Similkameen Pwr. Co.; cap. auth. $1,200,000.
Pres. L. L. Work.................Oroville
V. Pres. Monroe Harman.....Nighthawk
Sec. Chas. A. Andrus.......... "
*¶ Treas. & Mgr. C. C. Hedger...Oroville
1 a. c. West. 350 kw. 440 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 500 hp. turb. W. S. M.
City cont. 50 Mazdas 120 & 60 w. $12 per yr. (Co. also lts. Nighthawk.)
D L W 1 3 ✢ 25

**PALOUSE,** 1,549—The Washington Wtr. Pwr. Co. (Moscow Dist.) For executive officers, see Spokane.
Local Agt. F. J. Nagel............Palouse
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✢ ★16

**PASCO,** 2,083—Pacific Pwr. & Lt. Co. For officers, see Portland, Ore.
Local Mgr. G. D. Longmuir........Pasco
Trans. 66,000 v. 3 ph. 60 cys; 6 tranf. G. E. tot. 3,200 kw; a. c. day & nt. ltg. cir. 115-110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 34 mult. arcs 6.6 amp. $66 per yr; 27 Mazdas 100 & 60 w. $18 & $10.66 per yr; all nt. (Trans. to Kennewick, Richland, Attalia, White Bluffs, Burbank, Wollula and Beverly.)
D L W 3 ✢ 16

**PE ELL,** 838—Central Lt. & Mfg. Co. (Leased by R. P. Bush); 2 pwr. plants in Pe Ell; cap. stk. $19,100; no bds.
Pres. L. A. Webb..................Aberdeen
Sec. & Treas. Mrs. L. A. Webb "
Cont. Agt. C. A. Hoerth........... Pe Ell
*¶ Supt. & Engr. Pwr. Sta. R. P. Brush....................... "
2 a. c. West. tot. 225 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s., 2 & 3 ph. 60 cys; d. c. ltg. & mo. cir. 110 v; 175 hp. wtr. wh. Smith.
City cont. 76 Mazdas 40 w; all nt.
C D L W 1 2 3 ✢ 25

**POMEROY,** 1,605—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. D. L. Lewis...........Pomeroy
2 a. c. G. E. tot. 250 kw. 6600-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 125 hp. e. L & B; 150

hp. turb. (wtr.) Smith; 150 hp. b. Ames; energy also from company's trans. line 66,000 v.

City cont. 4 arcs G. E. mult. 450 w. $66 per yr; 54 tung. 40 & 80 c. p. $15 & $25 per yr; all nt; coal $7. (Also lts. Marengo.)

D L S W 1 3 ✢ 16

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* Lewiston-Clarkston Improvement Co. See Clarkston.

**PORT ANGELES**, 7,000 — Olympic Pwr. Co.; cap. $2,000,000; bds. $750,000. Pwr. plant Elwha Canyon, 7 mi. distant.

Pres. Geo. A. Glines......Winnipeg, Man.
V. Pres. & Gen. Mgr.
Thos. T. Aldwell..........Port Angeles
Sec. Jas A. Kerr....................Seattle
Treas. C. L. Haggith.......Port Angeles
*Asst. Gen. Mgr. & Ch. Engr.
F. D. Nims................ " "
Supt. L. H. Thomas........ " "

2 a. c. West. tot. 6000 kva. 6600 v. 3 ph. 60 cys 2 d. c. West. tot. 260 kw. 125 v; a. c. day & nt. ltg. & mo. cir; 9600 hp. turb. (wtr.) W. S. M; 100 mi. trans. 66,000 v; 8 mi. 6600 v; 3 mi. 2200 v. Sub-stas. at Port Angeles 500 kw. & 660 kw. (for sluicing); Port Townsend, 375 kw; Sequim 50 kw; Bremerton, 1500 kw; Flagler Junction, 150 kw. and Hoods Canal, 8000 kva. 66,000-13,200 v.

C D N W 3 16

**PORT TOWNSEND**, 4,181—Key City Lt. & Pwr. Co.; cap. $80,000; bds. $25,000.

Pres. Peter Mutty.........Port Townsend
*V. Pres. Sam. McGee..... " "
¶Sec. & Mgr. J. M. Kinkaid " "
Treas. John Siebenbaum.. " "

2 a. c. Stan. Ft. W. tot. 140 kw. 2200-220-110 v. 2 ph; 60 cys; a.c. day cir. 220-110 v; pwr. cir. 220 v; 230 hp. e. McE, Ball; 325 hp. b. Oil City, Atlas.

City cont. 6 arcs, 6.6 amp. $108 per yr; 100 incs. West. 6.6 amps. $30 per yr; all nt; oil 95 cts. per bbl.

D G L S 2 ✢ 82

**PROSSER**, 1,298—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.

Local Mgr. J. V. Strange..........Prosser

2 a. c. G. E. tot. 600 kw. 2300-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 125 hp. e. Watertn; 1000 hp. turb. Platt, Lef; 100 hp. b. Erie; also takes energy from co.'s (66,000 v.) Yakima Valley trans. line.

City cont. 27 arcs G. E. 6 amp. $72 per yr; all nt. (Trans. to Benton City and Kiona.)

D L S W 3 ✢ 16

**PULLMAN**, 2,602 — The Washington Wtr. Pwr. Co. (Moscow Dist.) For executive officers, see Spokane.

Local Agt. L. W. Kingsbury.....Pullman

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✢ 16

**PUYALLUP**, 4,544—Puget Sound Trac. Lt. & Pwr. Co. See Seattle.

**RAYMOND**, 5,000—Willapa Elec. Co. (Successor to Twin City Elec. Co., Willapa Harbor Ry. Co. and South Bend Elec. Co.); cap. $400,000; bds. $364,000.

¶Pres. & Mgr. J. S. Thornton..Raymond
V. Pres. H. Hobart Porter
New York, N. Y.
¶Sec. J. R. Snider...............Raymond
Treas. M. M. Fisher..........South Bend
Com. Repr. J. E. Santerre.......Raymond
*Supt. Ovhd. Distrbn.
D. L. Fisher.......................... "
Elect. Engr. W. H. Fribley........ "

1 a. c. G. E. turbo-gen. 1000 kw. 2300 v; 3 ph. 60 cys; 2 mo. gen. sets West. tot. 275 kw. 550 v.; purchase steam from sawmill.

Reserve plant: 2 a.c. West, G. E, Curtis tot. 600 kw. 6600 v. 3 ph. 60 cys; 1 d. c. West. 150 kw. 550 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. b. Nagle, Erie; 300 kw. stm. turb. Curtis, G. E.

City cont. 18 A. B. arcs 6.6 amp. $80 per yr; 150 Mazdas 100 w. $28.80 per yr; all nt; wood. (Co. also lts. South Bend.)

C D L S 3 ★16

**REARDAN**, 527 — The Washington Wtr. Pwr. Co. For executive officers, see Spokane.

Dist. Supt. Harry King..........Reardan

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✢ ★16

**RENTON**, 2,740—Puget Sound Trac. Lt. & Pwr. Co. See Seattle.

**REPUBLIC**, 999—Republic Lt. & Pwr. Co. (Successor to North Washington Pwr. & Reduct. Co.)

*Mgr. J. C. Harper...............Republic
Supt. J. E. McFarland.... ...... "

3 a. c. G. E, West, tot. 675 kw. 2200-440 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; pwr. cir. 2200 v; 425 hp. e. Erie; 540 hp. b. Titus; 750 hp. wtr. wh. Pelton, McCormick.

City cont. 61 incs. 40 w. $19.80 per yr; all nt; wood and coal.

D L S W 3 ✢ ★45w

**RITZVILLE**, 1,859—The Washington Wtr. Pwr. Co. For executive officers, see Spokane.

Dist. Supt. Guy Arthur..........Ritzville

a. c day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✢ 16

**ROCKFORD**, 663—Washington Wtr. Pwr. Co. (Colfax Dist.). For executive officers, see Spokane.

Local Agt. J. W. Young........Rockford

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

City cont. 34 Mazdas 40 w. $12 per yr.

D L ★16

**ROSLYN**, 3,126—Northwestern Improvement Co. For executive officers, see Red Lodge, Mont.

Ch. Engr. E. W. McCanna.........Roslyn
Ch. Elecn. E. M. Brooks........... "

8 a. c. G. E. tot. — kw. 2200 v. 3 ph. 60 cys; 5 d. c. tot. 1350 kw. 600 v; 2 rect. G. E. tot. 75 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. day & nt. mo. cir. 500 v; 3000 hp. e. Cor. Allis-C; 750 kw. turb. (stm.) G. E.; 3000 hp. b. Bab. & W.

City cont. 56 arcs G. E. lumn; 50 tung; & carbon 100 c. p. & 120 & 60 w; all nt. coal $1.50. (Trans. to Cle Elum and Ronald.)

C D L S 1 3 ✢ 16

**ST. JOHN**, 421—The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.

Local Agt. C. H. Boatwright....St. John

a c day & nt. ltg. cir 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✢ 16

**SATSOP**, 45—Northwest Elec. & Wtr. Wks. See Montesano.

a. c. day & nt. ltg. cir. 120 v; a. c, day & nt. mo. cir. 110-220-480 v. 3. p. h. 60 cys.

D L 3 16

**SEATTLE,** 325,000—Munic. Lt. & Pwr. Plant. Office, New City Hall; hydro-elec. plants (2) Cedar Falls and Seattle and 1 steam plant at Seattle; bds. auth. $3,240,000.

¶Pur. Agt. W. D. Freeman........Seattle
Cont. Agt. A. E. Williams.........  "
Supt. J. D. Ross........................  "
*Ch. Elec. Engr. G. Dunbar ........  "
Eng. Pwr. Sta. H. Ragge...........  "

6 a. c. Allis-C, West. tot. 22,000 kw. 2300 v. 3 ph. 60 cys; 6 d. c. Stan, Ridg. tot. 3000 kw. 275-500 v; 600 amp. hr. stor. bat. E.S. B. 500-275 v; trans. 60,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 120-240-480 v. s. 2 & 3 ph. 60 cys; d. c. mo. cir. 500-250 v; 3292 hp. b. Sterling; 7500 hp. turb. (stm.) Allis-C; 23,300 hp. turb. (wtr.) Platt, Pelton.

15,018 city nitrogen incs. 80 c. p; 1,253 nitrogen incs. 600 c. p; 4 cts. per kw. hr.; oil 79.5 cts. per bbl. (Also lts. Cedar Falls.)

C D L S W 1 2 3 ★16

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Puget Sound Traction, Lt. & Pwr. Co. Office, Pioneer Bldg. (Purchased and consolidated The Seattle Elec. Co., Pacific Coast Pwr. Co., Puget Sound Pwr. Co., Seattle-Tacoma Pwr. Co. and Whatcom County Ry. & Lt. Co. In 1914, purchased the Buckley Elecl. Co.) (Controls Puget Sound Elec. Ry. and Pacific-Northwest Trac. Co., which controls Puget Sound International Ry. & Pwr. Co., Lessee of Everett Ry., Lt. & Wtr. Co). (The company, through ownership or control, does substantially all the electric street and interurban railway and the greater part of the commercial electric lighting and power business in the Puget Sound district, including the cities of Seattle, Tacoma, Bellingham and Everett. Owns or controls hydro-elec. pwr. plants with a present development of 74,000 hp. and an ultimate development of about 175,000 hp; stm. stas. with a capacity of 36,000 hp; location of plants: Dieringer, Snoqualmie; Falls, Electron, Seattle, Bellingham, Nooksack Falls and Tacoma; tot. gen, cap. 79, 180 kw.) cap. outstg. $13,676,900 (pfd.); $18,557,800 (com.). bds. $27,109,000.

Chmn. Bd Frederick S. Pratt.
Boston, Mass.
Pres. Alton W. Leonard............Seattle
V. Pres. William H. McGrath.....  "
Clerk, Chester M. Clark....Boston, Mass.
Treas. Henry B. Sawyer......  "  "
Gen. Mgrs. Stone & Webster
Mgt. Assn...................  "  "
Audr. W. E. Best......................Seattle.
Mgr. A. L. Kempster...............  "
Asst. to Mgr. G. B. Harrington...  "
Sales Mgr. H. T. Gille..............  "
Engr. Geo. S. Quinan...............  "
Advisory Engr. Stm. Plts.
W. J. Santmeyer...................  "
Supts. G. C. Sears....White River
Hydro-Elec. O. N. Wiscwell, Snoqualmie
Gen. Stas. W. O. Gordinier..Electron
Gen. Supt. Lt. & Pwr...Jno. Harisberger
Supt. Stm. Ht. Div. Henry Hull...Seattle
Supt. Transm. & Distbn.
M. T. Crawford.......................  "

16 a. c. Allis-C, G. E, W. E. tot. 72,000 kw. 13,800-6600-2300 v. 2 & 3 ph. 60 cys, a. c. day & nt. ltg cir. 117 v. 60 cys; d. c. day & nt. ltg. cir. 117 v; a. c. mo. cir. 117-234 v. s. & 2 ph. 60 cys; d. c. mo. cir. 117-234-500 v; 6,000 hp. e. McI. & S; 12,000 kw. stm. turb. Curtis; 13,840 hp. b. Cahill, Stir, Bab. & W; 96,500 hp. turb. (wtr.) Doble, Morris & Pelton, Allis-C, Platt; 3860 kw. 14,830 amp. hr. stor. bat. Gould, E.S. B; trans. 55,000-13,800 v. 3 ph. 60 cys; also purchases energy from Western Canada Pwr. Co. (Bellingham Div.)

City cont. 267 arcs enc. 6.6 amp. $72 per yr; 511 carbon & tung. 16 & 32 c. p. 40-250 w. $9–$43 all nt; coal $1.90 and oil 80 cts. (Co. also lts. Everett, Puyallup, Sumner, Kapowsin, Snoqualmie, Northbend, Renton, Issaquah, Auburn, Bothel, Kirkland, Redmond, Tolt, Buckley, Orting, Georgetown, Lynden and Enumclaw, and sells energy in bulk to Everett Gas Co.)

C D R S W 1 2 3 ✠ ★26

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Rainier Ht. & Pwr. Co., 612 Oriental Bldg.

Pres. Wm. Chappell...San Francisco, Cal
V. Pres. & Mgr. Ralph D. Nichols..Seattle
*Sec. & Treas. Arthur E. Griffin...  "
Supt. M. N. Robertson.............  "
Engr. Pwr. Sta. R. J. McNeice....  "

4 d. c. Bull, G. E. tot. 300 kw. 115 v; d. c. day & nt. ltg. cir. 110 v; 700 hp. e. N. Y. Safety, Russell; 700 hp. b. N.Y. Safety; also stm. htg.

C D H L S 16

**SEDRO-WOOLLEY,** 2,129 — Pacific Northwest Trac. Co. See Mt. Vernon.

2 a. c. Stan, Westg. tot. 275 kw. 2200-110 v. 2 ph. 60 cys; a. c. day cir. 220-110 v; pwr. cir. 220-110 v; 25 hp. e. Murray; 250 hp. turb. (wtr.) Pelton; 150 hp. b. Geary.

City cont. 7 arcs $96 per yr; 71 incs. 32 c. p. $12 per yr; all nt; wood. (Co. also lts. Clear Lake.)

D R S W 2 ✠ 25

**SEQUIM,** 300—Sequim Lt. & Pwr. Co.

*¶Pres., Treas., Mgr. & Ch. Engr.
J. L. Keeler ............................Sequim
V. Pres. C. J. Farmer,
110 White Bldg.......................Seattle
Sec. Paul. C. Farmer...............Sequim
Supt. Ovhd. Distbn O. W. Noble  "

Energy purchased from Olympic Pwr. Co.; 1 transf. West. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440 v. s. ph. 60 cys.

City cont. 9 nitro. incs. 100 c. p. $24 per yr; mdnt. (also lts. Washington Harbor).

D L 1 ✠ 26

**SHELTON,** 1,163—Shelton Elec. Co. (Controlled by Kneeland Investment Co.); cap. $25,000.

Pres. Geo. W. Draham.............Olympia
V. Pres. Horace Fogg ..............Tacoma
Sec. Frank Fogg.....................  "
Treas. Ole Hanson...................Olympia
*¶Mgr. & Cont. Agt.
W. H. Hollenbeck...................Shelton
Engrs. Frank Bollen (day)....  "
Pwr. Sta. Clarence Carder (nt)...  "

1 a. c, Natl. 75 kw. 2300-110 v. 3 ph. 60 cys; no day cir; 100 hp. e. Ideal; 150 hp. b. Erie.

City cont. 1 arc $90 per yr; 35 incs. 32 c. p. $18 per yr; 4 Mazdas 250 w. $48 per yr; all nt; wood $3.

L S 3 ✠ 16

**SNOHOMISH,** 3,244—Everett Gas Co. Office, 2931 Colby Ave., Everett. (Controlled by the Standard Gas & Elec. Co. and operated by H.M. Byllesby & Co., Chicago, Ill.); cap. $1,310,000; bds. $762,000.

Pres. H. M. Byllesby.........Chicago, Ill.
V. Prests. A. S. Huey.......  "
Elmer Dover...........Tacoma
Sec. M. A. Morrison .........Chicago, Ill.
Treas. R. J. Graf............  "  "
Mgr. D. C. Green.......................Everett
Audr. J. P. Simpson..................  "
Supt. A. S. Harrington........Snohomish

Purchases energy from Puget Sound Trac. Lt. & Pwr. Co.; 2300 v. 3 ph. 60 cys; 2 transf. West. tot. 250 kva; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo cir. 110-220-440 v. 3 ph. 60 cys.

City cont. 39 arcs magn. 4 amps. $72 per yr; 83 series tung. 60 w. $18 per yr; all nt. (Also lts Monroe.)

D L 3 ✠ 25

**SOUTH BEND,** 3,023—Willapa Elec. Co. See Raymond.

Local Supt. M. M. Fisher.....South Bend
Purchases energy.
City cont. 12 enc. arcs 6.6 amp. $60 per yr; 91 incs. 32 c. p. $16.20 per yr; all nt.
L ★16

**SPANGLE,** 299—The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. Phil Flet...............Spangle
a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ 25

**SPOKANE,** 110,000—The Washington Wtr. Pwr. Co. (Consol. of Spokane St. Ry., Spokane Elec. Ry. Co. and Edison Elec. Illg. Co.) (Absorbed the properties of Spokane County Elec. Co. of Rockford, St. Maries (Ida.) Lt. & Pwr. Co., Idaho-Washington Lt. & Pwr. Co., Big Bend Lt. & Pwr. Co. and the Wilbur Elecl. Co.) (Combined hydro-elec. and steam plant in Spokane; one hydro-elec. plant 26 miles east of Spokane; one hydro-elec. plant 25 miles northwest of Spokane, and one hydro-elec. plant 28 miles northwest of Spokane); cap. $15,490,000; bds. $7,322,000.
Pres. D. L. Huntington.........Spokane
Chm. Ex. Com. W. J. C. Wakefield "
V. Prests. J. P. M. Richards...... "
V. Prests. H. L. Bleecker.......... "
V. Prests. C. S. MacCalla.......... "
Sec. A. F. S. Steele................ "
Treas. Y. M. White................ "
Com. Agt. M. C. Osborn............ "
Supt. Rys. R. A. Willson......... "
¶ Pur. Agt. V. G. Shinkle......... "
Supt. Lt. & Pwr. J. B. Fisken...... "
Ch. Engr. C. F. Uhden............ "
Elec. Engr. V. H. Greisser......... "
15 a. c. G. E. tot. 75,250 kw. 2300-4000-13,200 v. 3 ph. 60 cys; 16 d. c. G. E. tot. 16,870 kw. 300-600 v; a. c. day & nt. ltg. cir. 119 v; d. c. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v. 3 ph. 60 cys; d. c. mo. cir. 230 v; 14,000 kw. stm. turb. G. E; 6000 hp. b. Bab. & W; 113,100 hp. turb. (wtr.) S. & B., Leffel, Platt, Morris; 6098 hp. b. Bab. & W; stor. bat. 6346 amp. 232 v. 1 hr. E. S. B. Co.; 650 mi. trans. 60,000-22,000 v. 3 ph. 60 cys.
City cont. 1594 arcs series 7.5, 6.6 & 4 amp; all nt. (Also lts. Hillyard, Latah, Tekoa, Oakesdale, Farmington, Elberton, Belmont, Garfield, Palouse, Colfax, Reardan, Harrington, Odessa, Lind, Sprague, Spangle, Colton, Davenport, Uniontown, Creston, Ritzville, Diamond, Wilbur, Endicott, Almira, Sunset, Hartline, St. John, Yardley, Rockford and Pullman in Wash; and St. Maries, Moscow and Genesee in Idaho; wholesales pwr. in Medical Lake, Cheney and Newport, Wash; and Priest River, Kellogg, Wardner, Post Falls, Burke, Sand Point, Wallace, Rathdrum and Coeur d'Alene, Idaho.) (Munic. street ltg. rate in effect, in out lying towns, of $2.50 per month for 100 c. p. series tungsten; all nt.)
C D R S W 3 16

**SPRAGUE,** 1,110—The Washington Wtr. Pwr. Co. For executive officers see Spokane.
Dist. Supt. C. E. Beckwith.......Sprague
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.
D L 3 ✣ 16

**STANWOOD,** 544—Stanwood Lt. & Pwr. Co.; cap. $4,000.
Owner, C. A. Query..............Stanwood
*¶ Sec. & Mgr. L. F. Query.... "
1 a. c. T-H. 60 kw. 1100 v. — ph. 183 cys; 100 hp. e. McE.
L S X 22

**STARBUCK,** 761—*Starbuck Elec. Co.; cap. auth. $25,000.
Pres. A. E. Bryan...............Starbuck
1 a. c. G. E. 100 kw. 2300-110 v. 3 ph. 60 cys; no day cir; pwr. cir. 220 v; 210 hp. turb. Lef.
City cont. 20 incs. 32 c. p. $21 per yr; all nt.
L W 3 ✣ 89

**STEVENSON,** 387—*Skamania Lt. & Pwr. Co., cap. $20,000.
Mgr. S. Samsom..............Stevenson
Sec. & Treas. A. L. Orsen...... "
Engr. Pwr. Sta. P. Swanson.... "
1 a. c. West. 75 kw. 2200-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. turb. (wtr.) Victor.
City cont. 7 arcs A. B. 550 w. $96 per yr; all nt.
D L W 3 ✣ 23

**SULTAN,** 576—Sultan Elec. Co.; cap. $15,000.
Pres. Frank Friese...........Snohohmish
V. Pres. Herman Friese...... "
*Sec., Treas. & Mgr.
F. I. Anderson...................Sultan
1 a. c. West. kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. (part of day) cir. 115 v. 60 cys; 120 hp. turb. (wtr.) Smith.
City cont. 8 arcs flam. $96 per yr; 8 incs. 75 w. $33 per yr.
D L W 3 ✣ 35E

**SUMAS,** 902—Sumas Elec. Lt. Co.
¶ Mgr. H. W. Vanderhoof...........Sumas
*Clerk J. McLean.................. "
Energy purchased from Western Canada Pwr. Co; 3 West. transfs; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
(Co. also lts. Noosack and Everson and Huntingdon, B. C.)
D L 3 ✣ ★125

**SUNNYSIDE,** 1,379—Pacific Pwr. & Lt. Co. See Portland, Ore.
Local Mgr. V. V. Vercoe.......Sunnyside
Also serves Granger, Outlook, Mabton and Grandview.
L 16

**TACOMA,** 83,743—Puget Sound Elec. Ry. Co. Executive office, 147 Milk St., Boston, Mass. (Owns Tacoma Ry. & Pwr. Co. and Pacific Traction Co. which companies do the entire electric railway and a portion of the electric power business of Tacoma.) (Controlled by the Puget Sound Trac., Lt. & Pwr. Co., which see for executive officers); cap. auth. & issued $4,625,000; bds. outstg. $3,968,000.
Local Mgr. L. H. Bean............Tacoma
¶ Pur. Agt. G. O. Snider.......... "
Gen. Supt. G. W. Rounds......... "
Ch. Engr. G. A. de Haseth........ "
Supt. Pwr. & Equip.
K. C. Schluss..................... "
Energy purchased from Puget Sound Trac., Lt. & Pwr. Co.; 9 transf. G. E. tot. 5600 kw; 1 mo. gen. G. E. 4900 kw; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230-2300 v. s. & 2 ph. 60 cys; 720 kw. hr. stor. bat. E. S. B.
City cont. 220 carbon & Tung. 56 & 250 w. $12 & $54 per yr; all nt; coal $4; wood $1.75. (Co. lts. Kent, Auburn and Kent, Wis., and sells energy to Tacoma Ry. & Pwr. Co.)
C D R 1 2 3 25

Tacoma Ry. & Pwr. Co. (Owned and operated by the Puget Sound Elec. Ry.) which is controlled by the Puget Sound Trac. Lt. & Pwr. Co.) Executive office, 1319 A St.,, Eastern office, 147 Milk St., Boston, Mass.; bds. $1,500,000.
Pres. John A. Shackleford........Tacoma
V. Pres. Frederick S. Pratt
Boston, Mass.
Sec. C. M Clark............ " "
Treas. H. B. Sawyer............ " "

Asst. Treas. W. E. Wilmot.......Tacoma
Gen. Mgrs. Stone & Webster
Mgt. Assn................Boston, Mass.
Local Mgr. L. H. Bean............Tacoma
¶ Pur. Agt. G. O. Snider......... "
Gen. Supt. Geo. W. Rounds...... "
Supt. Pwr. & Equip. K. C. Schluss "

Energy purchased from Puget Sound Elec. Ry; 2 transf. G. E. tot 4000 kw; 6 mo. gen. G. E. tot. 3700 kw; 8 a. c. G. E. tot. 2500 kw. 2200 v. 2 ph. 60 cys; 5 d. c. G. E. tot. 2200 kw. 600 v; trans. 55,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 2300-230 v. 2 ph. 60 cys; d. c. mo. cir. 500 v; 4450 hp. e. Frick, Cpr, Penna; 4100 hp. b. Bab. & W, A. & T; also stm. htg.

Wood $.75; coal $4.

C D H R S 2 ✠ 25

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Munic. Elec. Lt. Plant (Nisqually River plant at La Grande); cost $2,000,000.
Commr. James C. Drake..........Tacoma
Comr. of Finance, Chas. D. Atkins "
¶ Pur. Agt. H. Knatvold.......... "
Cont. Agt. E. W. Rhodes......... "
*Mgr. B. W. Collins.............. "
Supt. Pwr. Sta. A. J. Holmes..La Grande

4 a. c. Allis-C. tot. 20,000 kw. 6600 v. 3 ph. 60 cys; trans. 60,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. 2 & 3 ph. 60 cys; 32,000 hp. turb. (wtr.) Allis-C.

555 city arcs series; 29 city flaming arcs; 25 city luminous arcs; 1281 city Tung. series; all nt. (Also serves Eatonville.)

D L W 2 3 16

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Syndicate Ht. & Pwr. Co. Office, 303 California Bldg., Tacoma; cap. auth. & pd. in $9,300.
Pres. Fred. S. Fogg...............Tacoma
V. Pres. L. R. Manning........... "
*¶ Sec. Treas. & Mgr. Edward Fogg "
Ch. Engr. & Elecn. F. R. Abeel. "

3 d. c. G. E. tot. 110 kw. 110 v; d. c. day cir. 110 v; 300 hp. e. Ideal. Ball; 300 hp. b. tublr. Murray; also stm. htg.

Oil $1.92.

C D H L S 25

**TEKOA,** 1,694—The Washington Wtr. Pwr. Co. (Colfax Dist.) For executive officers, see Spokane.
Local Agt. R. W. DeLong.........Tekoa

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✠ 16

**TENINO,** 1,038—North Coast Power Co. For executive officers, see Portland, Ore.
Local Mgr. F. L. Stokes...........Tenino

Energy from Chehalis; 2 trans. Allis-C. tot. 400 kw; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 236 v. 3 ph. 60 cys.

City cont. 8 arcs A-B, G. E. 6 amp. mult. arcs $72 per yr. and 100 w. series incs. $15 per yr. all nt.

D L 3 ★26

**THORP,** 300—*J. L. Mills & Son.
Pres. J. L. Mills ......................Thorp
Supt. Ch. Engr. & Elecn.
Nelson Mills...................... "

1 a. c. War. 60 kw. 2200-110 v. s. ph. 60 cys; no day cir; 45 hp. turb. (wtr.). S. & B.

City cont. 3 incs. 32 c. p. $8 per yr; all nt.

L W 1 44

**TOLEDO,** 375—Toledo Elec. Co.
Owners { *Pres. E. P. Badger.....Toledo
¶ Sec. & Mgr. A. R. Badger "
Supt. John Gearhart................ "

2 d. c. Ed. tot. 24 kw. 110 v; d. c. nt. ltg. cir. 110 v; 35 hp. e; 50 hp. b.

City cont. 6 Tung. 160 c. p. $42 per yr; 4 Tung. 60 w. $12 per yr; moonlt; mdnt; wood $1.50 to $2.50.

C L S ✠ 22

**TOPPENISH,** 1,598—Pacific Pwr. & Lt. Co. See Portland for officers.
Local Mgr. Geo. I. Drennan...Toppenish

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220-110 v. 3 ph. 60 cys.

City cont. 40 arcs G. E. 7.5 amp. $66 per yr; all nt. (Trans. to Zillah and Wapato.)

D L 3 ✠ 16

**UNIONTOWN,** 426—The Washington Wtr. Pwr. Co. (Moscow Dist.). For executive officers see Spokane.
Local Agt. G. B. Wieber......Uniontown

a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✠ 16

**VALLEY,** 60—Kulzer Electric System; cost $10,000.
*¶ Owner & Mgr. J. G. Kulzer.....Valley
Supt. & Engr. Pwr. Sta.
H. P. Bennett...................... "

1 a. c. Stan. 45 kw. 2200 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 250 hp. turb. (wtr.) Tuthill.

City cont. 15 Tung. 150 w. $20 per yr; all nt. (Co. also lts. Springdale and Gray.)

L W 2 ✠ 16

**VANCOUVER.** 9,300—Portland Ry. Lt. & Pwr. Co. For executive officers see Portland, Ore.
¶ Local Mgr. C. C. Turlay.....Vancouver

Energy from Portland (Ore.); trans. 11,000 v 3 ph. 60 cys; 4 transf. G. E. tot. 1100 kw; 3 rect. G. E. tot. 225 lt; a. c. day & nt. ltg. cir. 117 v; a. c. mo. cir. 234 v. 2 ph. 60 cys.

City cont. 115 arcs G. E. 320 w. $56 per yr; 152 inc. series 4 amp. 100 w. $18 per yr; all nt.

C D R 2 3 ✠ 16

**WAITSBURG,** 1,500—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. H. A. Mott.............Dayton

1 a. c. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v; a. c. mo. cir. 2300-110 v. 3 ph. 60 cys; 150 hp. e. L. & B; 150 hp. b; also receives energy from co's. trans. system.

City cont. 4 arcs 500 w. $96 per yr; 46 incs. 40 c. p. $9 per yr. (Also lts. Prescott and Dixie.)

D L S 1 3 ✠ 16

**WALLA WALLA,** 19,364—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.
Local Mgr. C. S. Walters....Walla Walla

a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 2300-230 v. 3 ph. 60 cys.

City cont. 175 arcs 1200 c. p. $66 per yr. and 491 incs; all nt.

D L 3 ✠ 16

**WASHOUGAL,** 456 — Western Lt. & Pwr. Co.; cap. $50,000.
*Pres. C. W. Cottrell..........Washougal
Sec. G. W. Cottrell............. "
Treas. L. E. Cottrell .......... "

2 a. c. G. E. tot. 105 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v. 3 ph. 60 cys; 300 hp. turb. (wtr.) Sampson.

(Co. also lts. Camas.)

D L W 3 26

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Northwestern Electric Co. See Portland, Ore.

**WASHTUCNA,** 300—Washtucna Elec. Lt. & Pwr. Co. (Powerplant on Palouse River, 4 mi. east of Washtucna); cost $6,000.
Owner, W. A. Gildersleeve....Washtucna
V. Pres. Sec. & Treas.
M. E. Gildersleeve............ "
*¶ Mgr. & Cont. Agt.
Robt. E. Mulligan............ "
Engr. Pwr. Sta. S. E. Mulligan "

1 a. c. G. E. 50 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 75 hp. wtr. wh. Leffel.

City cont. 31 tung. 100 w. $30 per yr.; all nt.

D L W 3 ✣ 25

**WATERVILLE**, 950—Munic. Elec. Lt. & Wtr. Plant; cost $7,570.

Mayor, W. A. Henry..........Waterville
Clerk, R. W. Waterhouse..... "
Treas. J. W. Wolverton........ "
*Supt. W. J. Harrington........ "

Energy purchased from Wenatchee Valley Gas & Elec. Co; 100 kw. transf. West, Nag. Peerles; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 80 kw. 220-110 v. s. & 3 ph. 60 cys.

60-63 w. city incs.

D L 1 3 16

**WENATCHEE**, 4,050—Wenatchee Valley Gas & Elec. Co. (Consol. Wenatchee Elec. Co., Valley Pwr. Co., Brown Elec. Co. and Entiat Lt. & Pwr. Co.); pwr. plants in Entiat, Dryden and Wenatchee; cap. outstg. $620,800; bds. $711,000.

*¶Pres. & Mgr. Arthur Gunn. .Wenatchee
V. Pres. Geo. D. Brown........ "
Sec. Fred M. Crollard.......... "
Treas. R. C. Kennedy.......... "
Sales & Service Mgr.
L. M. Shreve................ "
Supt. W. R. Thomas............ "

7 a. c. West. tot. 2860 kw. 2200 v. 3 ph. 60 cys; 1 a. c. arc. G. E. 50 lt; a. c. day and nt. ltg. cir. 110 v; a. c. mo. cir. 2200-440-220-110 v. 3 ph. 60 cys; 5710 hp. turb. Pelton, Smith; trans. 33,000 v. & 16,500 v. 3 ph. 60 cys.

City cont. 130 Mazdas series 6.6 amp. 75 c. p. $24 per yr; 26 Mazdas series 6.6 amp. 600 c. p. $78 per yr; all nt. (Co. also lts. Entiat, Dryden, Waterville, Sunny Slope, Orondo and Monitor, and sells energy in bulk to municipalities of Cashmere and Waterville.)

D N W 3 ★16

**WHITE SALMON**, 1,000—Pacific Pwr. & Lt. Co. For executive officers, see Portland, Ore.

Local Mgr. G. McClellan...White Salmon

1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 100 hp. turb. (wtr.) Lef.

City cont. 18 Mazdas 100 w. $20 per yr; 15 Mazdas 60 w. $16 per yr; all nt. (Also lts. Underwood, Husum and Bingen.)

D L W 1 3 ✣ 16

**WILBUR**, 727—The Washington Wtr. Pwr. Co. (Wilbur Dist.) For executive officers, see Spokane.

Dist. Supt. W. L. Chrysler.........Wilbur

a. c. day & nt. ltg. cir. 110 v; a. c. mo cir. 2300-220 v. 3 ph. 60 cys.

D L 3 ✣ 16

**WILKESON**, 899—*Wilkeson Lt. & Wtr. Co.; cap. $50,000.

Pres. & Treas. T. B. Winsor....Wilkeson
V. Pres. & Sec. W. B. Williams. "
¶ Mgr. & Ch. Engr. Robt. E. Lee. .Orting

2 a. c. G. E. tot. 200 kw. 2200-118 v. s; ph. 60 cys; 275 hp.e. Rus; 600 hp. b. Atlas Coal.

L S 1 ✣ 98

**WILSON CREEK**, 405—Grant County Pwr. Co. (Successor to Wilson Creek Ltd. Co.); no bds.

Pres. W. J. Roberts.........Wilson Creek
*¶Mgr. Chas. J. Weller...... " "

1 a. c. G. E. 50 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230 v; 29 hp. e. (gas) I. H. C.

City cont. 30 Mazdas 60 w. $14.40 per yr; 11:30 P. M.; distillate 13½ cts.

D G L 3 ✣ 25

**WINLOCK**, 1,140—Independent Elec. Co. Office 1304 Yeon Bldg., Portland, Ore.

Pres. & Gen. Mgr. A. Welch
Portland, Ore.

Purchases energy from the North Coast Power Co. (Kalama Sta.) 2300 v; a. c. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 2300-220 v. 3 ph. 60 cys.

(Co. also operates in Castle Rock, Napavine, Woodland and Vader.)

L 3 26†

Viness Lumber Co.

Pres. J. A. Viness...............Winlock
V. Pres F. E. Viness............. "
*Sec. A. C. Shiner................ "
Ch. Engr. Roy Crocker.............. "

2 a. c. turbo-gen. G. E. Allis-C. tot. 800 kw. 2300 v; 1500 hp. b. Sterling.

Energy sold in bulk to North Coast Pwr. Co.

T X §16

**WOODLAND**, 384—Independent Elec. Co. See Winlock.

Energy from Washington-Oregon Corp., Kalama; a. c. day & nt. ltg. cir. 110 v. s. ph.

City cont 5 arcs $72 per yr; 6 incs. 32 c. p. $12 per yr; all nt.

D L 1 ✣ 118

**YACOLT**, 435—Northern Clarke County Lt. & Pwr. Co; cap. $15,000.

*Pres., Sec. & Mgr. C. R. Miller...Yacolt
Treas. Stella W. Miller.............. "
Engr. Pwr. Sta. H. T. Miller......... "

1 a. c. G. E. 75 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 30 hp. e; 30 hp. b; 110 hp. wtr. wh. U. I. W.

City cont. 28 Tung. 250 w. $24 per yr; all nt; coal $2.

D L S W 1 3 ✣ 16

## WEST VIRGINIA.

**ALDERSON**, 1252—Virginia - Western Pwr. Co. See Clifton Forge, Va.

**BARBOURSVILLE**, 907—Morris Harvey College Elec. Lt. Plant.

*Pres. P. H. Willis.........Barboursville
Engr. Pwr. Sta. John Peyton "

1 d. c. F. M. & Co. 30 kw. 110 v; no day cir; 40 hp. e. (gas) F. M. & Co.

City cont. 100 incs. 40 w. $7.50 per yr; all nt; nat. gas 15 cts.

C G L ✣ 74

**BECKLEY**, 2,161—Beckley Elec. Lt. & Pwr. Co.; cap. $72,600.

Pres. J. W. McCreary.............Beckley
V. Pres. Ashton File.............. "
¶ Sec. Robt. Miller............... "
Treas. T. H. Wickham........... "
*Mgr. & Cont. Agt.
W. L. Foster...................... "
Engrs. } J. F. Brown..........Mabscott
Pwr. Sta. } Wm. Robinson.........Beckley

2 a. c. G.E. tot. 150 kw. 2300-110v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 300 hp. e. Erie; 600 hp. b. Erie, H. S. & G. (Energy from The Virginian Pwr. Co., Charleston.)

City cont. 153 series. 40 w. $11 per yr; coal $1.20. (Also lts. Mabscott.)

D L S 1 2 25

**BELINGTON**, 1,481—Consumers Ht., Lt., Wtr. & Pwr. Co.; cap. auth. $60,000.

Pres. F. P. Rease...............Belington
V. Pres. A. B. Brown.........Pittston, Pa.
*Sec. & Supt.
Chas. Brandenburg............Belington

Treas. M. Schlosser..........Pittston, Pa.
1 a. c. 90 kw; a. c. nt. ltg. cir. 110 v; 110 hp. e. De Laval; 250 hp. b. Stir; 110 hp. e. (gas).
City cont. 12 arcs 2000 c. p; moonlt; gas.
G L S X ✠ 125

**BENWOOD,** 4,976 —Ohio Valley Elec. Co. Office, Huron & Zanes St. Wheeling; cap. $42,500; bds. $10,000.
*Pres. Williston Fish.....Pittsburgh, Pa.
V. Pres. G. O. Nagle.............Wheeling
Sec. & Treas. W. A. Shirley.... "
¶Pur. Agt. Russell Poe.......... "
Cont. Agt. E. I. Barnard.......... "
Gen. Supt. C. I. Crippen.......... "
Supt. H. H Cooper...............Benwood
4 a. c. Warren, Westg. tot. 325 kw. 2200 v. s. ph. 138 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 400 hp. e. Rus. Bckye; 450 hp. b. Rus. Buckye; purchases energy from West Penn Rys. Co.
City cont. 75 arcs series enc. $75 per yr; 75 series incs. 32 c. p. $16 per yr; all nt; coal $1.25. (Co. also lts. McMechen.)
D L S 1 ✠ 75

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Wheeling Electric Co., Wheeling.

**BERKELEY SPRINGS,** 864--Northern Virginia Pwr. Co. For executive officers, see Winchester, Va.
Local Supt.
G. C. Hunter.............Berkeley Springs
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 3 transf. West. tot. 750 kw.
City cont. 70 incs. series 50 w. $15 per yr; all nt.
D L 3 ✠ 16

**BETHANY,** 433 — Bethany Improvement Association.
*¶ Pres. & Mgr. T. E. Cramblet...Bethany
V. Pres. J. Moos.................... "
Sec. & Treas. John Gibson....... "
Ch. Engr. & Elecn.
J. R. Farren........................ "
100 hp. e.
City cont. 50 arcs. $90 per yr; coal 90 cts.
L S 75

**BLUEFIELD,** 11,188 — Appalachian Pwr. Co. (Wtr. pwr. sta. at Byllesby; stm. stas. at Bluefield (reserve), Welch and Keystone and Pocahontas, Va.); cap. $8,180,000; bds. $6,000,000.
Pres. R. C. Morse
19 Congress St., Boston, Mass.
V. Prests. { M. A. Viele..New York, N.Y.
F.C. Walcott. " "
Sec. & Treas. A. P. Taliaferro " "
Gen. Mgr. David M. Bunn......Bluefield
Mgr. G. G. Wilder................ "
Cont. Agt. A. E. Gregory........ "
¶ Pur. Agt. M. McCormick...... "
Supt. Pwr. H. E. Shedd.......... "
Bluefield & Byllesby: 7 a. c. G. E. tot. 2900 kw. 13,200 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 625 kw. 550 v; 1 arc G. E. 35 kw; 3 transf. G. E. tot. 1500 kw; 1 mo. gen. G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys; 1500 hp. b. Stir. Weth; —— hp. wtr. wh; trans. volt, 88,000 v. 3 ph. 60 cys.
City cont. 175 series incs. 7.5 amp. 100 c.p. $18 per yr; all nt. coal $1.65. (Co. also serves Bramwell, Keystone and Welch, W.Va., and Graham, Pocahontas, Pulaski. Wytheville, Marion, Dublin, Galax, and Christiansburg, Va. Sells energy to Radford. (Va.) Wtr. Pwr. Co. and Roanoke Ry. & Elec. Co.)
C D R S W 3 ★115w

**BRAMWELL,** 1,458 — Appalachian Pwr. Co. See Bluefield.

**BUCKHANNON,** 2,225 — Buckhannon Lt. & Wtr. Co.; cap. $100,000.
Pres. C. F. Teter...................Phillippi
V. Pres. G. F. Steckert......Buckhannon
Sec. & Treas. S. A. Moore........Phillippi
*Gen. Mgr. J. G. Mayfield...Buckhannon
Supt. Milton Bartable.......... "
2 a. c. Warren tot. 240 kw. 110 v. s. ph. 60 cys; no day cir; 265 hp. e. Erie, Hart; 200 hp. b. Erie.
City cont. 25 arcs 2000 c. p. $70 per yr; 50 incs. 50 c. p. $10.80; all nt; natural gas 7½ cts.
L S 1 ✠ 84E

***BYLLESBY,** ——Appalachian Pwr. Co. See Bluefield.

**CASS,** 496—West Virginia Pulp and Paper Co.
Pres.........John G. Luke } 200 Fifth Ave., New York, N.Y.
V.-Prests. { David L. Luke
Thos. Luke
*Sec............Chas. A. Cass
Treas.........Adam K. Luke
Local Mgr. Chas. W. Luke............Cass
1 a. c. Ft. W. 37 kw. 1100-110 v. s. ph. 16,000 altns; no day cir; 60 hp. e. Bckye, Allis-C.
City cont. 11 incs. 64 c. p.
L S 1 125

**CEREDO,** 1,215—Ohio Valley Elec. Ry. Co. See Huntington.
City cont. 10 arcs G. E. magn. 4 amp. $60 per yr; all nt.
L 45

**CHARLESTON,** 22,996—West Virginia Water & Lt. Co. Office, Charleston.
Pres. W. O. Johnson ........Chicago, Ill.
*V. Pres. & Treas.
W. C. Davisson...............Charleston
Sec. Walter M. Johnson......Chicago, Ill.
2 a. c. West. G. E. tot. 800 kw. 2200-110 v. 2 ph. 60 cys; a. c. & d. c. day cir. 110 v; d. c. pwr. cir. 500 v; 500 kw. turb. (stm.) G. E; 800 hp. b. Heine, Stir.
City cont. 250 arcs 2000 c. p. $65 per yr; 6800 com. incs. 16 c. p. 5 to 15 cts. per kw; all nt; nat'l gas 6 cts. (Co. also lts. So. Charleston, West Charleston and Edgewood.)
C D L S 2 ★85

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The Virginian Pwr. Co. Office, Charleston. (Power plant at Cabin Creek Junction); cap. outstg. $1,200,000 (prfd.), $5,000,000 (com.); bds. $4,125,000.
Pres. P. G. Gossler..... } 149 Broadway, New York, N.Y.
V. Pres. Geo. P. Toby...
Sec. & Treas. F. B. Lasher " "
*Gen. Mgr. H. G. Scott...........Charleston
¶ Pur. Agt. H. F. Benn.......... "
Supt. Ovhd. Distrbn.
A. M. Rosenblatt.................. "
Ch. Engr. R. A. Schott.......... "
Engr. Pwr. Sta.
C. D. Foster.......................Coalburg
2 a. c. West. tot. 20,000 kw. 6600 v. 3 ph. 60 cys; 20,000 hp. (stm.) turb. West; 7200 hp. b. Bab. & W; trans. volt. 44,000 v. 3 ph.
Coal $1. (Co. serves Montgomery, Mt. Hope, Beckley and Thurmond.)
S T 3 ★125

**CHARLESTOWN,** 2,662 — Northern Virginia Pwr. Co. See Winchester, Va.
Local Supt. P. P. Nelson....Charlestown
3 transf. West. tot. 750 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
City cont. all nt.
D L 3 ✠ 16

**CHESTER,** 3,184—East Liverpool Lt. & Trac. Co. See East Liverpool, O.

**CLARKSBURG,** 9,201 — Clarksburg Gas & Elec. Co.
Pres. N. Goff....................Clarksburg
Sec. B. M. Despard.............. "
*¶ Treas., Mgr. & Cont. Agt.
R. T. Lowndes..................... "

Supt. Leonard Peck..........Clarksburg
Engr. Pwr. Sta. E. E. Seigrist. "

3 a. c. G. E. tot. 700 kw. 2200 v. 3 ph. 60 cys; 5 d. c. G. E. tot. 135 kw. 110-220 v; 6 c. c. transf. G. E, West; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; d. c. day cir. 110 v; 1100 hp. e. Erie, L. & B; 1400 hp. b. Stir, Heine, etc.

City cont. 172 arcs enc. 6.6 amp. $51 per yr; 30 Tung. 32 c. p. $15 per yr; all nt; gas.

C D L S 3 104

**DAVIS**, 2,615—Davis Elec. Lt. Co.; cap. outstg. $17,400; no bds.
*¶ Pres. & Treas.
C. E. Smith ........................Davis
V. Pres. & Sec. H. A. Meyer........ "
Ch. Engr. J. S. Lambie............... "
Engr. Pwr. Sta. John Drury........ "

1 a. c. Warren 90 kw. 1080-108 v. s. ph. 60 cys; no day cir; 125 hp. e. Rus; 125 hp. b. Rus.

City cont. 24 arcs; all nt; coal $2 to $2.40.

L S 1 ✠ 16

**ELKINS**, 5,260—Elkins Power Co.; cap. $100,000.
Pres. John T. Davis................Elkins
V. Pres. H. G. Davis............... "
Sec. & Treas. N. I. Hall............. "
*¶Supt. C. C. Bosworth .............. "
Engr. Pwr. Sta. W. H. Davis......... "
Ch. Elecn. C. H. Kerner............. "

2 a. c. G. E. tot. 500 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 800 hp. e. Ball; 750 hp. b. Keeler.

City cont. 105 series arcs G. E, West. 6.6 amp. $50 per yr; 4 series Mazdas 60 w. 6.6 amp. $18 per yr; all nt; gas 8 cts.

D L S 1 3 ✠ 125

**ELM GROVE**, 1,899—West Virginia Trac. & Elec. Co. See Wheeling.

**FAIRMONT**, 15,000—Monongahela Valley Trac. Co. (Consolidation of Fairmont & Clarksburg Trac. Co., Fairmont & Northern Trac. Co. and Clarksburg & Weston Elec. Ry. Co.); cap. outstg. $9,500,000; bds. $3,000,000.
Pres. James O. Watson..........Fairmont
V. Pres. Smith Hood .............. "
Sec. & Treas. Walton Miller.... "
*Audr. O. F. Lough.............. "
Mgr. E. B. Moore................ "
¶Pur. Agt. A. T. Watson........ "
Gen. Supt. E. C. Bownean....... "
Supt. Ovhd. Distrbn.
D. A. Maurer...................... "
Engr. Pwr. Sta.
M. T. Maguire ...............Hutchinson

3 a. c. G. E. tot. 3750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 3450 kw. e. (gas) Bethlehem; trans. 22,000 v.

City cont. 149 arcs G. E. 6.6 amps. $55 per yr; all nt; gas.

D G R 1 3 ★16

**FAYETTEVILLE**, 1,000 — Fayette Public Service Corpn.
*Pres. R. H. Dickinson..........Fayetteville
V. Pres. A. D. Callihan.......Huntington
Sec., Treas. & Mgr.
R. H. Dickinson, Jr........Fayetteville

Energy purchased from Stuart Colliery Co., Lochgelly; day & nt. service.

City cont. 34 street series incs. 60 c. p. $24 per yr; moonlt. (Co. also lts. Oak Hill and Ogden City.)

D L ✠ 25

**FOLLANSBEE**, 2,031—Wellsburg Elec. Lt., Ht. & Pwr. Co. See Wellsburg.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.

D L 3 16

**GRAFTON**, 7,563—Grafton Gas & Elec. Lt. Co.; cap. $60,000.
*Owner, John T. McGraw.........Grafton
¶Supt. C. E. Compton............ "
Engr. Pwr. Sta.
Henry Kramer.................. "

2 a. c. West. tot. 525 kva. 2200 v. 2 ph. 60 cys; 1 d. c. West. 150 kw. 550 v; a. c. day cir. 110 v; 900 hp. e. Phoenix Amer. Ball, Skinr; 600 hp. b. Atlas, Geary. Gas 4 cts. (Co. sells pwr. to Grafton St Ry. Co.)

C D L S 2 ✠ 75

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Munic. Elec. Lt. Plant; cost $40,000; bds. $30,000.
Mayor, F. C. Graham.............Grafton
¶ Sec. & Treas. J. M. R. Fortnay "
*Mgr. Chas. Chadduc.............. "
Engrs. Pwr.Sta. } Chas. McFarland..... "
Bruce Willhide....... "

2 arc Brush; 250 hp. e. Erie; 300 hp. b. Erie.

187 city arcs encs. $30 per yr; nat. gas $200 per mo.

C L S 75

**HAMBLETON**, 1,300—Parsons Elec. Lt. & Pwr. Co. See Parsons.

**HARPERS FERRY**, 766 — Harpers Ferry Elec. Lt. & Pwr. Co.; cap. outstg. $55,000; no bds.
Pres. W. H. Savery.....Wilmington, Del.
V. Pres. Jno T. Martin..Brunswick, Md.
Sec. H. H. Thayer, Jr..Wilmington, Del.
*¶Treas. Mgr. & Cont. Agt.
G. R. Bready ..............Harpers Ferry

Energy purchased from Harpers Ferry Paper Co; a. c. nt. ltg. cir. 106 v. 60 cys; no mo. cir.

City cont. 250 incs. 100 c. p. $9 per yr; all nt. (Co. also lts. Bolivar, W. Va., Sandy Hook, Weverton, Knoxville, Brunswick, Md., and Blue Ridge, Va.)

L X ★125

**HINTON**, 3,656—Hinton Wtr., Lt. & Supply Co.: cap. $60,000; bds. $90,000.
*Pres. W. L. Fredeking ..........Hinton
V. Pres. S. P. Peck............... "
¶Sec. Treas. & Mgr. H. Ewart.... "
Supt. Ross Wheeler.............. "
Engr. Pwr. Sta. Everet Allen..... "

3 a. c. Bull, G. E. tot. 500 kw. 2200-1100-110 v. 2 ph. 60 cys; a. c. day & nt. cir; 725 hp. e. Atlas, Sknr; 600 hp. b. Stir.

City cont. 52 arcs G.E. 6.6 amp. $75 per yr; all nt; coal $7,500 per yr.

D L S 2 ✠ 23

**HOLLIDAYS COVE**, 600—Wellsburg Elec. Lt. Ht. & Pwr. Co. See Wellsburg.

a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 2300 v. 3 ph. 60 cys.

D L 3 16

**HUNTINGTON**, 31,161 — Ohio Valley Elec. Ry. Co. (Controls Consolidated Ht., Lt. & Pwr. Co, and is in turn controlled by the American Rys. Co); cap. auth. $2,400,000; bds. $1,675,000.
Pres. Wm. C. Sproul........Chester, Pa.
V. Prests. } H. J. Crowley......Phila. Pa.
C. L. S. Tingley... " "
Sec. & Treas.
W. W. Perkins................. " "
Asst. Sec. & Asst. Treas.
Frank J. Pryor, Jr. ........... " "
Mgr. H. S. Newton............Huntington
¶ Pur. Agt. W. J. Mulholland..Phila., Pa.
Supt. Transp. W. C. Baker...Huntington
Supt. Lgt. W. R. Power....... "

Energy from Consolidated Lt., Ht. & Pwr. Co., Kenova; 10 transf. tot. 2000 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

City cont. 330 arcs. G. E. magn. 4 amp. $50 per yr; all nt. (Co. also lts. Ceredo, Guyandotte and Kenova.)

D R 2 45

**KENOVA,** 992 –Consolidated Lt., Ht. & Pwr. Co. Office 317 Ninth St, Huntington. (Controlled by the Ohio Valley Elec. Ry. Co., which see for executive officers.)
Engr. Pwr. Sta. C. H. Lake.......Kenova

6 a. c. G. E, Allis C, tot. 5000 kw. 11,000 v. 3 ph. 60 cys; 10 arc tot. 500 lt; 3000 kw. e. H. F. & M, Weth; 2000 kw. turb. (stm.) Allis-C; 5000 hp. b. Bab. & W. Berry.

Coal $1.10; gas 8½ cts. (Sell energy to Boyd Elec. Co, Ashland, Ky, and Ohio Valley Elec. Ry. Co.)

S T 3 ✠ 35

Ohio Valley Elec. Ry. Co. See Huntington.

2 transf. tot. 220 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 50 arcs. G. E. magn. 4 amp. $60 per yr; all nt.

D L 3 45

**KEYSER,** 6,000–The Keyser Elec. Lt. Co.; cap. outstg. $25,000; no bds.
Pres. F. M. Reynolds..............Keyser
V. Pres. J. C. Watson.............. "
*Sec. W. E. Crooks.................. "
¶ Treas. & Mgr. A. W. Coffroth.. "
Supt. & Ch. Engr.
J. C. Neuhauser.................. "
Engr. Pwr. Sta. B. G. Leary....... "

2 a. c. G. E. tot. 500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 650 hp. e. Rus; 450 hp. b. Rus. Keeler.

City cont. 28 nitrogen lamps 400 c. p. $63 per yr., 2-200 c. p. $60 per yr. and 105-80 c. p. $18 per yr; all nt; nat. gas.

D L S 3 ✠ 75

**KEYSTONE,** 2,047—Appalachian Pwr. Co. For executive officers see Bluefield.
Local Mgr. Miles Cary...........Keystone

Energy from hydro-elec. plant; a c. day & nt. ltg. cir. 110 v.

City cont. 15 d. c. arcs 3 amp. $60 per yr; 10 d. c. incs. 50 c. p. $18 per yr; all nt.

D L 1 25

**KINGWOOD,** 800—Munic. Elec. Lt. Plant; cost $15,000.
Mgrs. Town Council..............Kingwood
*Supt. C. M. Jackson.............. "
Engr. Pwr. Sta. H. R. Sidars... "

1 a. c. War. 100 kw. 1100-110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Phoenix; 150 hp. b. Phoenix.

All nt; gas 11 cts.

L S 1 ★16

**LAWTON,** 25–*Laurel Creek Elec. Co.
Pres. J. C. Gallaudet.........Quinnimont
V. Pres. & Mgr. W. A. Brown....Lawton
Sec. J. P. Beury.............Quinnimont
Treas. Geo. Lawton..............Claremont

1 a. c. G. E. 400 kw. 2300 v. 3 ph. 25 cys; pwr. cir. 2300 v; 670 hp. e. H. O. R. Co.; 684 hp. b. Dillon.

Coal.

T S 3 129

**LEWISBURG,** 872—Virginia-Western Pwr. Co. See Clifton Forge, Va.

Trans. from Clifton Forge, Va., 41,000 v; 4 transf. Allis C. tot. 300 kw; a. c. nt. tg. cir. 220 v. 60 cys.

City cont. 54 incs. G. E. 32-24-16 c. p. $19.20, $14.40 & $9.60 per yr; all nt.

N X 75

**LOGAN,** 1640—Logan County Lt. & Pwr. Co. (Controlled by General Utilities & Operating Co.); cap. outstg. $250,000 (pfd.), $1,000,000 (com.); bds. $400,000.
Pres. J. C. M. Lucas......Baltimore, Md.
V. Pres. & Ch. Engr,
F. R. Weller.........Washington, D. C.
Sec. & Treas. H. P. Lucas, Baltimore, Md.
Mgr. M. A. Maxwell..............Logan
Cont. Agt. T. L. Sturgeon.......... "
Supt. Ovhd. Distrbn.
Jas. P. Jones........................ "
Engr. Pwr. Sta. R. L. Weide...... "

2 a. c. turbo-gen. G. E. tot. 10,000 kva. 2300 v. 3 ph. 60 cys; 18 rot. conv. G. E. tot. 3600 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2000 hp. b. Edge; 50 amp.-hr. stor. bat. G. E. 220 v.

City cont. 65 Mazdas series $25 per yr; all nt; coal 80 cts. per ton. (Large portion of energy sold to large power consumers at 44,000 v.)

D N S 3 16

**McMECHEN,** 2,921—Ohio Valley Elec. Co. See Benwood.

**MANNINGTON,** 2,672 — *Consumers Elec. Lt. Co.; cap. $85,000.

4 a. c. West. G. E. tot. 320 kw. 1100 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 106 v; a c. day & nt. mo. cir. 106 v. s. ph. 60 cys; 485 hp. e. (gas) West, Walroth.

City cont. 56 arcs G. E. magn. $55 per yr; all nt; gas 7 cts. per M.

D G L 1 ✠ 125

**MARTINSBURG,** 10,698 — Martinsburg Pwr. Co. Office, 151 N. Queen St.; steam plant in Martinsburg and 2 hydro-elec. plants on Potomac River; cap. $330,000; bds. $380,000.
Pres. S. N. Myers...........Martinsburg
V. Pres. S. A. Williams... Baltimore, Md.
Sec. Jas. H. Harlow.....Darlington, Md.
Treas. F. E. Wilson..........Martinsburg
¶ Mgr. Sanderson E. Porter
New York, N. Y.
*Local Mgr. H. B. Baird.....Martinsburg

5 a. c. Warren, Minpl. G. E. tot. 3500 kw. 2800 v. 3 ph. 60 cys; trans. 22,000 & 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 60 cys; 500 kw. e. Atlas; 1700 hp. b. Edge; 3000 hp. turb. (wtr.) Leffel.

City cont. 100 arcs a. c. 6.6 amp; 110 inc. 6.6 amp. 40 w. $12.50 per yr; all nt; coal $3.10. (Co. sells energy to Shepherdstown Elec. Lt. & Pwr. Co.)

D L S W 3 ✠ ★26

Northern Virginia Pwr. Co. See Winchester, Va.

**MILLVILLE,** 20 – Northern Virginia Pwr. Co. See Winchester, Va.

6 a. c. West. tot. 4550 kw. 2200 v. 3 ph. 60 cys; 1500 kw. stm. turb. West; 1500 hp. b. Sterling; 3050 kw. wtr. wh. Smith Lef.

L S W 3 16

**MONTGOMERY,** 1,888 — Montgomery Utilities Co., Weaver Block; cap. outstg. $25,000; no bds.
Pres Theo. Swann, c/o Ala. Pwr. Co.
Birmingham, Ala.
V. Pres. A. A. Liley...........Charleston
Sec. & Treas. Benj Early...Montgomery
*Mgr. & Cont. Agt. Jas. Imboden "
Audr. E. C. Covington, c/o Atlanta
Pwr. Co...............Birmingham, Ala.

Energy from The Virginian Pwr. Co; 3 transf. West. tot. 800 kva; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

City cont. 99 incs. 40 w. $12 per yr; all nt.

D L 1 3 ✠ 75

**MORGANTOWN,** 9,150—West Virginia Trac. & Elec. Co. (Morgantown Div.) For executive officers, see Wheeling.
Supt. A. A. Hall...............Morgantown
Engr. Pwr. Sta. Chas. E. Nigh "

1 C. C. transf. G. E. 25 lt; 4 a. c. West. tot. 1040 kw. 2200-220-110 v. 2 & 3 ph. 60 cys; 6 d. c. West. tot. 630 kw. 600-125 v; trans. 6600 v. 3 ph. 60 cys; a. c. day

& nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 440-220-110 v. 2 & 3 ph. 60 cys; st. ry. cir. 500 v; 1000 hp. e. West; 900 hp. b. Stir; 500 kw. stm. turb. West.
City cont. 37 arcs A. B. 6.6 amp. $65 per yr; 275 series Tung. 3.5 amp. $15 per yr; all nt; gas 10 cts.
C D R S 2 3 16

**MOUNDSVILLE,** 8,918—Wheeling Elec. Co. For executive officers see Wheeling.
Mgr. & Supt. K. A. Page....Moundsville
a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-440 v. 3 ph. 60 cys.
City cont. 32 arcs 6 amp. $75 per yr; 119 incs. 25 c. p. $17 per yr; all nt.
D L 3 ✠ 26

**NEW CUMBERLAND,** 1,807 — Hancock County Elec. Co. Office, 734 Charles St., Wellsburg. (Owned by Virginia & Ohio Securities Corpn.); cap. outstg. $12,000; no bds.
Pres. D. C. Morris
25 Broad St., New York, N. Y.
Sec. & Treas. C. T. Thomson
25 Broad St., New York, N. Y.
Mgr. W. H. Scott...............Wellsburg
Asst. Supt. O. A. Wood........ "
Energy purchased from East Liverpool Trac. & Lt. Co; 3 transf. West. tot. 125 kw; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys.
D L 3 §16

**NEWELL,** ——Newell Wtr. & Pwr. Co.
*¶ Gen. Mgr. F. B. Lawrence .....Newell
Supt. W. H. Wilhelm.............. "
2 a. c. Burke tot. 150 kw. 2 ph. 60 cys; 2 d.c. Burke tot. 300 kw; 500 hp.e. Allis-C; 800 kw. turb. (stm.) Curtis; 930 hp. b. Titusville, Heine.
City cont.
C L S 2 125

**NEW MARTINSVILLE,** 2,176—Sistersville Elec. Lt. & Pwr. Co. See Sistersville.
a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.
City cont. 32 arcs 6.6 amp. $65 per yr; 127 Mazdas 40 w. $6 per yr; all nt.
D L 1 ✠ 16

**NORTHFORK,** 425—Flat Top Ice & Cold Storage Co.; cap. $40,000; no bds.
Pres. & Treas. C. S. Angel....Northfork
V. Pres. P. H. Killey...............Vivian
¶ Sec., Mgr. & Cont. Agt.
J. H. Bowman................Northfork
Engr. Pwr. Sta. H. M. Stevens. "
1 a. c. Warren 60 kw. 2200-220 v. s. ph. 60 cys; no day cir; 160 hp. e. Atlas, H. B. & M; 225 hp. b. York.
City cont. 5 arcs A. B. enc. $60 per yr; all nt; coal $1.50.
I L S 1 ✠ 125

**OAK HILL,** 1,000—Fayette Public Service Corpn. See Fayetteville.

**PADEN CITY,** 165 — Sistersville Elec. Lt. & Pwr. Co. See Sistersville.
a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 6930 v. s. ph. 60 cys.
D L 1 16

**PARKERSBURGH,** 17,842—Kanawha Trac. & Elec. Co. (Inc. in April 1915 and on June 7, 1915 consolidated with Parkersburgh, Marietta & Interurban Ry. Co.) (1 pwr. plant in Parkersburgh and 1 in Marietta, Ohio.) (Owns Beverly (O.) Elec. Lt. Co.); cap. $1,100,000 (com.) & $1,078,500 (prfd.); bds. $1,950,000.
Pres. S. D. Camden..........Parkersburgh
V. Pres. W. W. Mills ..... "
Sec. W. W. Van Winkle..... "
Treas. Jas. N. Tabb.......... "
Audr. E. J. Cook............ "
Mgr. P. P. Crafts............ Parkersburgh
Res. Engr. & Const. Supt.
A. C. Polk.................... "
Div. } Geo. Mann........... "
Supts. } F. E. Wilson......... "
Engrs. } C. W. Cooper..... "
Pwr. Sta. } George Dorr....Marietta, Ohio
6 a. c. West, G. E. tot. 3000 kw. 2200 v. 2 ph. 60 cys; 4 d. c. West. tot. 750 kw. 600 v; 6 rect. West. tot. 150 kw; trans. 22,000 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. 2 ph. 60 cys; d. c. ltg. cir. 550 v; d. c. mo cir. 600 v; 4000 hp. e. West, Allis-C, Ham; 3500 hp. b. Erie, Bab. & W; 35 hp. e. (gas) Columbus; 175 hp. turb. (wtr.) Leffel.
City cont. 275 arcs magn. 4 amp. $62.50 per yr; 120 Tung. 40 to 150 c. p. $14 to $18 per yr; all nt; natural gas 8 cts. per M. (Co. also lts. Williamstown and Marietta and Lowell, Ohio.) (Erecting stm. sta. near Parkersburgh with 11,250 kva. capacity of which 6,250 kva. is to be installed initially.)
C D G R S W 2 ★115D

**PARSONS,** 1,780 — *Parsons Elec. Lt. & Pwr. Co.; cap. $18,000; bds. $8,000.
Pres. & Treas. Harry K. Grubb...Parsons
V. Pres. Riley Harper............. "
¶Sec. Mgr. & Ch. Engr. J.C.Gable "
1 a. c. Warren 60 kw. 2200-110 v. s. ph. 60 cys; no day cir; 125 hp. e. (gas.) Bessemer; 50 hp. turb. (wtr.) Allentown.
City cont. 9 arcs 1200 c. p. $50 per yr; 62 incs. 32 c. p. $14 per yr; com. ltg. 7. 8 & 10 cts. per kw; all nt; gas 20 cts, (Co. also lts. Hambleton and Hendricks.)
G L W 1 ✠ 22

**PHILIPPI,** 1,038 — *Munic. Elec. Lt. Plant; cost $15,000.
¶ Supt. & Ch. Elecn. E. F. Ervin. .Philippi
2 a. c. West, Bull. tot. 120 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 200 hp. e. Ide, Atlas; 230 hp. b. Erie, Atlas.
1 A. M; gas.
L S 2 ✠ 78

**PIEDMONT,** 2,054 — Piedmont Elec. Lt. & Pwr. Co.; cap. $40,000.
*¶ Pres. & Genl. Mgr. H. B. Carroll
Piedmont
V. Pres. Timothy Kenney...... "
Sec. Norrice Bruce............... "
Treas. W. W. Shultice.......... "
Ch. Elecn C. F. Bowers.......... "
Engr. Pwr. Sta. Frank Smith... "
Ch. Lineman, Thomas Collick... "
2 a. c. Warren, tot. 420 kw. 2200-110 v. s. ph. 133 cys; no day cir; 567 hp. e. Rus; 300 hp. b. Titusville.
City cont. 58 series arcs West; 105 incs. 250 w. (10) $36 per yr. and 100 w. (95) $18 per yr; all nt; coal $1.16. (Co. also lts. Beryl, W. Va. and Bloomington, Luke and Westernport, Md.)
L S 1 ✠ 125

**POINT PLEASANT,** 2,045 — Point Pleasant Wtr. & Lt. Co.; cap. $100,000; bds. $40,000.
Pres. J. S. Spencer........Point Pleasant
V. Pres. C. C. Bowyer.... "
Sec. T. Stribling.......... "
¶ Treas., Mgr. & Cont. Agt.
W. H. H. Gardner....... "
Ch. Engr. &
Engr. Pwr. Sta. H. K. Fry "
2 a. c. G. E. tot. 230 kva. 2300 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v; 300 hp. e. Buckye; 600 hp. b. Gem City, H. S. & G; also 40 ton ice plant.
City cont. 40 arcs magnetite 4 amp. $50 per yr; all nt; coal $1.40.
D I L S 1 ✠ 125

**PRINCETON,** 3,027 — Princeton Pwr. Co.
Pres. & Mgr.
S. J. Evans......................Princeton
V. Pres. G. W. Lazenby........ "

Sec. & Treas. L. H. Perkins..Princeton
upt. J. G. Snidow............ "
ngr. Pwr. Sta. Mike Gleason.. "
1 a. c. Allis C. 175 kw. 2200 v. 2 ph. 60
ys; 1 rect. G. E. 50 lt; 1 mo. gen. Allis
. 200 kw; a. c. day & nt. ltg. cir. 110 v.
0 cys; a. c. day & nt. mo. cir. 110 v. s.
h. 60 cys; 250 hp. e. Allis-C; 600 hp.
. Brnl, H. S. & G; also 10-ton ice plant.
City cont. 32 arcs metallic flame, 4 amp.
66 per yr; 22 series incs. 4 amp. $21 per
r; all nt; coal $2.
D I R S 1 2 ✠ 25

**RAVENSWOOD,** 1,081—*Munic. Elec. Lt. Plant.
upt. C. O. Nilsson.........Ravenswood
1 a. c. Warren 80 kw. 2200 v. s. ph. 133
ys; a. c. day & nt. ltg. cir. 110 v; 75 hp. e.
gas) Columbus.
25 city arcs 6.6 amp; 20 city incs. 50 c.
; all nt; gas 22½ cts. per M.
D G L 1 23

**RICHWOOD,** 3,061 — Cherry River Boom & Lumber Co.
Gen. Supt. H. W. Armstrong..Richwood
Co. operates 2-3500 lt. machine for use
n plant & also does some resident ltg.
L 16

**RONCEVERTE,** 2,157—Virginia-Western Pwr. Co. See Clifton Forge, Va.
Trans. from Clifton Forge, Va., 44,000 v;
. c. day & nt. ltg. cir. 110 v; a. c. day
& nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 114 Mazdas 40 w. $14.40 per
r; all nt.
D N 3 75

**ROWLESBURG,** 936 — Munic. Elec. Lt. Plant; cost $13,000.
ayor, Mr. Hayes..............Rowlesburg
ecorder & Treas.
D. Alton Jackson.......... "
Mgr. & Ch. Engr.
Jno. D. Hayden............ "
1 a. c. C. W. 100 kw. 110 v. 2 ph. 60 cys;
. c. day & nt. ltg. cir. 110 v; a. c. mo. cir.
10 v; 150 hp. e. Ball; 300 hp. b. Union.
50 incs. 250 w. 6.6. amp; all nt; gas 11
ts..
D L S 2 ★125

**ST. ALBANS,** 1,209—St. Albans Wtr. & Elec. Lt. Co.; cap. $50,000; no bds.
¶ Pres., Treas., Mgr. & Cont. Agt.
Myron G. Campbell..........St. Albans
. Pres. & Sec. J.M.Campbell.. "
ngr. Pwr. Sta. Floyd Waddy. "
2 a. c. West, C. & W. tot. 125 kw. 2200 v.
ph. 60 cys; no day cir; 55 hp. e. (gas)
essemer; 85 hp. e. McC; 125 hp. b. Tudor.
City cont. 12 arcs 1200 c. p. $65 per yr; 30
azdas 60 w. $18 per yr; all nt; nat.
as 8 cts.
G L S 2 16

**HEPHERDSTOWN,** 1,070 —*Shepherdstown Elec. Lt. & Pwr. Co.
wner, Randolph Stalnaker
Shepherdstown
Energy purchased from Martinsburg
wr. Co; 1 a. c. Ft. W. 37½ kw. 2300-110
. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110
; a. c. mo. cir. 220 v. 3 ph. 60 cys; 50 hp.
. Erie; 60 hp. b. Erie.
City cont. 2 arcs; 70 G. E. incs; 5 & 10
ts. per kw; midnt; coal $3.15. (Hydro-
lec. plant under constr.)
D L 1 3 ✠ 16w

**ISTERSVILLE,** 2,684 — Sistersville Elec. Lt. & Pwr. Co.; cap. outstg. $50,000; no bds.
res. Ralph Broadwater......Sistersville
. Pres. C. A. Krug............ "
ec. & Treas. H. W. McCoy.... "
¶ Supt. A. M. Jones.......... "
h. Engr. Pwr. Sta.
T. V. Stetson................ "
7 a. c. West, C.-W. G. E. tot. 3830 kw.
400-1100 v. 2 ph. 60 cys; 4 d. c. West.
C. W. G. E. tot. 1260 kw. 550 v; a. c. day
& nt. ltg. cir. 110-220 v. 60 cys; a. c. day
& nt. mo. cir. 110-220-440 v. 2 ph. 60 cys;
d. c. mo. cir. 550 v. (ry.); 9000 hp. (gas) e.
West, Mesta.
City cont. nitro arcs "C" 500 w. $70 per
yr; 108 incs. "C" 60 c. p. $14.50 per yr; all
nt; gas. (Co. also lts. Brooklyn (48 Mazdas 60 w. $10.50 per yr.), Paden City and
New Martinsville.)
C D G 1 2 ✠ 16

**SUMMERSVILLE,** 204—*W. H. Campbell & Son's Elec. Plant.
1 a. c. E. M. C. 25 kw. 2300-110 v. s. ph.
60 cys; day mo. cir; 27 hp. wtr. wh.
City cont. 800 Tung. 32 c. p. $4.20 per
yr.
D L W 1 23

**TERRA ALTA,** 1,126—Elec. Lt. Plant.
*Owner, J. Ami Martin.....Morgantown
Mgr. O. O. Carman............Terra Alta
2 a. c. G. E. tot. 300 kw. 2300-110 v; 3
3 ph. 60 cys; no day cir; 400 hp. e. Erie,
Ball; 30 hp. b. Erie.
City cont. 125 incs. 32 c. p. $12 per yr;
all nt; coal $1.60.
L S 3 ✠ ★16†

**WARWOOD,** 415—The Brooke Elec. Co.
*Pres. Williston Fish.....Pittsburgh, Pa.
V. Pres. & Mgr. G. O. Nagle....Wheeling
Sec. & Treas. W. A. Shirley.... "
Cont. Agt. E. I. Barnard......... "
¶ Pur. Agt. Russell Poe.......... "
Gen. Supt. C. I. Crippen........ "
Supt. Geo. Ambrose.............. "
Purchases energy from West. Penn Rys.
Co.; 1 transf. Pittsburg 750 kva; a.c. day
& nt. ltg. cir. 110 v; a. c. day & nt. mo.
cir. 220-440 v. 3 ph. 60 cys. (Sells energy
to The Mingo Jct. Lt. Co.)
D L 3 65w

**WELCH,** 1,526—The Appalachian Pwr. Co. For executive officers, see Bluefield.
Local Mgr. Miles Cary.............Welch
Energy from Bluefield; (reserve) 2
a. c. Westg. tot. 140 kw. 2300 v. 3 ph. 60
cys; a. c. day & nt. ltg. cir. 110 v; a. c.
day & nt. mo. cir. 220 v. 3 ph. 60 cys; 250
hp. e. H. F. & M, Ham; 300 hp. b. Bab.
& W.
City cont. 72 series incs. 80 w. $18 per
yr; all nt; coal $1.50.
D L S 3 ✠ 25

**WEIRTON,** 3,000—Wellsburg Elec. Lt., Ht. & Pwr. Co See Wellsburg.
a. c. day & nt. ltg. cir. 115 v; a. c. day
& nt. mo. cir. 2300 v. 3 ph. 60 cys.
D L 3 16

**WELLSBURG,** 4,189—Wellsburg Elec. Lt., Ht. & Pwr. Co. (Owned by the Virginia & Ohio Securities Corpn.); cap. $50,000; bds. $100,000.
*Pres. D. C. Morris,
25 Broad St., New York, N. Y.
Sec. & Treas. C. T. Thomson,
25 Broad St., New York, N. Y.
¶ Mgr. W. H. Scott..............Wellsburg
Supt. Joseph Davis............Follansbee
Asst. Supt. O. A. Wood.........Wellsburg
Energy purchased from Brooke Elec.
Co; 4 transf. Pittsbg. tot. 3000 kw; 4 mo.-
gen. Allis-C. tot. 1200 kw; a.c. day & nt.
ltg. cir. 115 v; a.c. day & nt. mo. cir. 220-
440 v. 3 ph. 60 cys; d. c. day & nt. mo.
cir. 600 v.
City cont. 66 arcs 2000 c. p; 15 incs.
4 amp; all nt; gas. (Also lts. Follansbee,
Hollidays Cove and Weirton.)
C D L 3 ★16

**WESTON,** 2,213—The Weston Elec. Lt., Pwr. & Wtr. Co.; cap. $100,000; bds. $15,000.

Pres. Louis Bennett..............Weston
V. Pres. Andrew Edmiston....... "
*¶Sec., Mgr. & Cont. Agt......... "
J. S. Mitchell.................... "
Treas. J. S. Vandervort........... "
Engrs. } A. Turner................ "
Pwr. Sta. } A. C. Bonnett........... "

4 d. c. G. E. tot. 450 kw. 220-110 v; 1 d. c. arc T-H 50 lt; d. c. day & nt. ltg. & mo. cir. 110 v; 250 hp. e. Frick; 300 hp. stm. turb. De Laval; 600 hp. b. Erie.

City cont. 24 arcs 2000 c. p. $65 per yr; 40 incs. 32 c. p. $1.50 per month, all nt; gas.

C D L S ✠ 25

**WHEELING,** 41,641—Munic. Elec. Lt. Plant; cost $100,000.
Mayor, H. L. Kirk.............Wheeling
Bd. { Henry Weisgerber........ "
Bd. { C. Hal Bruse.............. "
Clerk, D. G. Brown............... "
*Supt. Will B. Kain............... "
Engrs. { Percy Britt.......... "
Pwr. Sta. { John Hunter......... "

8 d. c. Ft. W. tot. 304 kw. 4000 v; 900 hp. e. Ham, Cor; 600 hp. b. Oil C.

516 city arcs Ft. W. 480 w. $52 per yr; all nt; coal $1.65.

C L S ★16

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Sunnyside Electric Co. Gen. office, Wheeling. (Operates in Shadyside, Tiltonville, Yorkville, Neffs, Rayland, Dillonvale, Mt. Pleasant and Barnesville, Ohio.) Sells energy in bulk to City of St. Clairsville, (O.) and The Steubenville & East Liverpool Ry. & Lt. Co. (Controlled by American Gas & Electric Co., 30 Church St., New York.)
Pres. R. E. Breed.......New York, N. Y.
V. Pres. Geo. N. Tidd.. " "
Sec. & Treas. Frank B. Ball " "
V. Pres. & Gen. Mgr.
John M. Garden. ............Wheeling
Supt. Frank Howard........... "

L §26

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West Virginia Trac. & Elec. Co. (Wheeling Div.) (Pwr. sta. at Elm Grove.) (Controlled by Eastern Pwr. & Lt. Corpn.) cap. (pfd. 7 p. c.) $719,600, (com.) $1,300,000; bds. issued $5,285,000.
Pres. Jos. B. Taylor,
50 Pine St., New York, N.Y.
V. Pres. W. S. Barstow
50 Pine St., New York, N.Y.
Sec. & Treas. J. R. Fusselman
50 Pine St., New York, N.Y.
Asst. Sec. & Asst. Treas.
Chas. Madden.................Wheeling
Gen. Mgr. R. D. Jennison....... "
Gen. Supt. C. R. Bendell........ "
¶ Pur. Agt. E. R. King......... "
Ch. Engr. A. A. Hall............ "
Elec. Engr. I. Tuttle........... "
Engr. Pwr. Sta. D. C. Talbot... "

2 a. c. West. tot. 380 kw. 2300 v. 3 ph. 60 cys; 4 d. c. West. tot. 1950 kw. 600 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys; d. c. mo. cir. 600 v. (ry); 2280 hp. e. Bckye, Cpr; 1850 hp. b. Stirl, Heine. (Supplies nat. gas in Wheeling and gas and electricity in suburban district. Sells energy to City Ry. Co. and City & Elm Grove Ry. Co.; also operates in Morganton.)

C D R S 3 ✠ ★16

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Wheeling Elec. Co. (Controlled by American Gas & Elec. Co., 30 Church St., N. Y. City); cap. stock, com. $1,000,000; bds. $500,000.
Pres. R. E. Breed..... } 30 Church St.,
V. Pres. Geo. N. Tidd.. } New York, N. Y.
Sec.&Treas.Frank B.Ball " "
Cont. Agt. H. C. Eddy.. " "
Gen. Mgr. J. B. Garden.......Wheeling
Supt. —— —— ....................——

3 a. c. G. E. tot. 9000 kw. 4000 v. 3 ph 60 cys; 4 d. c. arc rect. G. E. tot. 300 lt a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c mo. cir. 110-220-440 v. 3 ph. 60 cys; 900 kw. turb. G. E; 2000 hp. b. Bab.& W.

Coal $1.30. (Co. also lts. Wallwood Benwood and Moundsville, W. Va., an Bellaire and Bridgeport, Ohio.)

C D L S 3 ★2

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Wheeling Valley Lt. & Pwr. Co. Offic Huron & Zane Sts; gen. sta. "Woods dale"; cap. $50,000; no bds.
*Pres. Williston Fish.....Pittsburgh, Pa
V. Pres. G. O. Nagle...........Wheelin
Sec. & Treas. W. A. Shirley.... "
¶Pur. Agt. Russell Poe......... "
Cont. Agt. E. I. Barnard......... "
Genl. Supt. C. I. Crippen........ "
Supt. & Ch. Engr. W. Davis.... "

3 a. c. Bull —— kw. 2300 v. 3 ph. 60 cys a. c. day & nt. ltg. & mo. cir. 110 v; 15 hp. e. (gas) Bruce Macbeth.

City cont. 102 incs. $12 per yr; all nt; ga 18 cts. (Co. lts. Woodlawn and vicinity. (Plant will be abandoned and energ purchased.)

D G L 3 7

**WILLIAMSON,** 3,561—Williamson Lt & Ice Co.; cap. outstg. $80,300; bds $61,000.
Pres. Wells Goodykoontz.....Williamso
*¶V. Pres. Mgr. & Cont. Agt.
O. B. Welch.................. "
Sec. & Treas. S. A. Moore.....Charlesto
Ch. Engr. J. A. Hunprey.....Williamso

2 a. c. West. tot. 595 kw. 2200 v. 2 ph 60 cys; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. day & nt. mo. cir. 220 v. s & 2 ph. 60 cys; 750 hp. e. H. & T, Frick 400 hp. b. Erie City, Dubois; also 50-to ice plant (York).

City cont. 10 series Mazdas 200 c. p. $6 per yr; 91 series Mazdas 80 c. p. $30 pe yr; all nt; coal $1.00.

D I L S 1 2 2

**WILLIAMSTOWN,** 1,139 — Kanawh Trac. & Elec. Co. See Parkersburgh.

## WISCONSIN.

**ABBOTSFORD,** 947—Abbotsford Elec Co; cap. outstg. $10,000; no bds.
Pres. A. J. Young.............Abbotsfor
Sec. & Treas. Geo. Ommette....... "
*Gen. Supt. J. H. Gugler
195 Broadway, Milwauke
Supt. & Ch. Engr.
D. W. Tiffany..................Abbotsfor

2 d. c. Globe tot. 34 kw. 100 & 220 v; U S. Lt. stor. bat. 220 v. 120 amp.-hrs; d. day & nt. ltg. & mo. cir. 220 v.

City cont. 28 tung. 40 to 150 w. tot. $9 per mo; moonlt; fuel oil 4 cts. per gal.

C D G L ✠ 2

**ALBANY,** 669—Albany Elec. Lt. & Milling Co.
*Owner & Mgr.
Ayres & Whitcomb..................Alban
¶ Supt. & Ch. Engr.
Andrew Christopher............. "

1 d. c. G. E. 45 kw. 125-110 v; d. c. nt ltg. cir. 110 v; 75 hp. e. (gas) West; 70 hp turb. (wtr.) McC.

City cont. 2 arcs 5 amp. $48 per yr 66 incs. 16 c. p; 11 P. M.

C G L W 2

**ALGOMA,** 2,082—Munic. Wtr. & Lt Plant; cost $42,200; bds. $23,000.
*¶ Mgr., Cont. Agt. & Ch. Engr.
J. O. Posson.......................Algom
Ch. Engr. Chas. Lawrence........ "

1 a. c. Ft. W. 75 kw. 1100 v. s. ph 60 cys; a. c. day (Wednesday forenoon) & nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Vil 310 hp. b. Burns, Hess.

31 city arcs multiple 6.6 amp. $85 per r; 9 Mazdas & Gems, tot. $112.80 per yr; noonlt; coal $3.55.
D L S 1 75

**ALLENTON,** 150 — Ruplinger - Weiss Hdw. Co; cap. $12,000.
Pres. Simon Weiss..............Allenton
V. Pres. W. G. Weiss.............. "
Sec. Treas. & Mgr.
P. J. Ruplinger.................. "
2 d. c. Globe tot. 135 amp. 60 & 30 v; l. c. day & nt. ltg. cir. 57 v; d. c. day & nt. mo. cir. 55 v; 14 hp. e. (gas) Stoover. Kerosene & gasoline.
C D G ✠ 85

**ALMA,** 1,011—Alma Elec. Lt. Co; cap. $4,100; no bds.
Pres. & Treas. John Harry.........Alma
V. Pres. John F. Harry. ............ "
¶Sec., Mgr. & Ch. Engr.
R. N. Smith......... ............. "
1 d. c. Benton 50 kw. 220 v; d. c. nt. ltg. & mo. cir. 220-110 v; 65 hp. e. Brnl; 70 hp. b.
City cont. 100 Mazdas 40 w. $7.20 per r; moonlt. mdnt; coal $3; wood $3.
C L S ✠ ★16

**ALMOND,** 417—Almond Elec. & Pwr. Co; cap. outstg. $3,000.
¶ Pres. & Mgr. Wm. Bunker.....Almond
V. Pres Chas. Turner............ "
Treas. F. A. Wood.................. "
Ch. Engr. Alfred Martin........ "
3 d. c. W E. tot. 37½ kw. 220v; d. c. ay & nt. ltg. & mo. cir. 220v; 30 hp. . (gas) Stover; 16 hp. gas pro. Stover.
City cont. 22 street lts. 150 w. $2.50 per r; hrs; kerosene & crude oil 7½ cts. per al.
C D G L 35

**ALTO,** 100—Fairwater Elec. Co. See Fairwater.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2305-220-110 v. 3 ph. 60 cys.
D L 3 16

**AMERY,** 659—Amery Electric Co. (Hydro-elec. sta. at Little Falls); cap. auth. $7,500; pd. in $18,000.
¶ Pres. Geo. F. Griffin..............Amery
V. Pres. & Sec. M. R. Griffin..... "
Treas. R. W. Griffin................ "
2 a. c. Elec. Mach. tot. 200 kw. 2300 3 ph. 60 cys; a. c. day & nt. ltg. cir. 10 v; a. c. day and nt. mo. cir. 110-220 . s. & 3 ph. 60 cys; 225 hp. wtr. wh. De . Energy also from Apple River Milling o; 7 transf. G. E. tot. 52 kw.
City cont. 50 incs. series 6.6 amp. 80 c. . $15 per yr; all nt. Also lts. Clear Lake.
D L W 1 3 ✠ ★16

**AMHERST,** 629—B. E. Dwinell Elec. Lt. Co.
wners { *Mgr. & Ch. Elecn.
B. E. Dwinell........Amherst
F. C. Schneidel........ "
1 a. c. Ft. W. 60 kw. 2200 v. s. ph. 60 cys; c. nt. ltg cir. 106 v; 85 hp. turb. (wtr.) mith.
ity cont. 15 arcs 2000 c. p. $45 per yr; noonlt: mdnt.
L W 1 ✠ 123†

**ANTIGO,** 8,000—Antigo Elec. Co.; cap. outstg. $120,000; bds. $50,000.
Pres. John Manser.................Wausau
V. Pres. F. C. Boyce.............. "
¶Sec. Treas. Mgr. & Cont. Agt.
F. A. Hecker......................Antigo
Gen. Supt. Walter Vaughn...... . "
Ch. Engr. Wm. McGee............ "
2 a. c. West. tot. 500 kw. 2300 v. 3 h. 60 cys; 1 d. c. G. E. 95 kw. 110 ; a. c. day & nt. ltg. cir. 110 v. 60 cys; e. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 0 hp. e. Nord; 700 hp. b. Lyons.
City cont. 83 incs. 400 w. $78 per yr; all t; wood $1.50.
C D L S 3 ✠ ★16

**APPLETON,** 16,773—Wisconsin Trac. Lt., Ht. & Pwr. Co. (Consolidation of the Appleton Elec. Lt. & Pwr. Co. and the Fox River Valley Elec. Ry. Co.) (Acquired the Fox River Valley Gas & Elec. Co.); cap. $699,400; bds. $1,470,000.
Pres. & Gen. Mgr.
John I. Beggs...........St. Louis, Mo.
V. Pres. Chas. F. Pfister......Milwaukee
*Sec. Treas. & Gen. Supt.
A. K. Ellis.....................Appleton
Engr. Pwr. Sta. J. McCarter.... "
2 a. c. G. E. tot. 1000 kw. 4000 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 1000 kw. 600 v; 3 transf. tot. 135 kw; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 110-120 & 220-240 v. s. & 3 ph. 60 cys; 2000 hp. e. Allis C; 1380 hp. b. Stir; 2500 kva. stm. turb. Allis-C; 2550 hp. wtr. wh. S. B. & S. V.
City cont. 221 arcs 6.6 amp. series $65 per yr; 54 Mazda series 200 c. p. $40 per yr; all nt; coal $3.30. (Co. also lts. Neenah & Menasha.)
C D R S W 1 3 16

**ARCADIA,** 1,212—Munic. Elec. Lt. & Wtr. Plant; cost $35,000.
Pres. Bd. C. Wohlgenant.........Arcadia
*Sec. & Supt. Geo. Mathys....... "
Treas. J. D. Stencil.............. "
Engr. Pwr. Sta. R. E. Johnson... "
2 a. c. West. tot. 166 kva. 110 v. 3 ph. 60 cys; a. c. nt. ltg. cir; 216 hp. e. Ideal 180 hp. b. Kunert.
92 city Tung. 60 c. p. 7 cts. per kw; moonlt; coal $3.85.
L S 3 125

**ARGYLE,** 603—*Munic. Elec. Lt. Plant.
Village Clerk, G. S. De Voe.......Argyle
Supt. John Sivesind............... "
1 d. c. W. E. 60 kw. 220-230 v; 85 hp. wtr. wh. Samson.
City cont. 2 tung. 400 w; 4 tung. 60 w; 130 incs. carbon 16 c. p; moonlt. midnt.
C L W ✠ 123†

**ASHLAND,** 11,594—Ironwood & Bessemer Ry. & Lt. Co. (Wtr. pwr. plants, White River, Ashland: Bad River, Mellen; Montreal River, Saxon; stm. pwr. plants at Ashland, Ironwood & Bessemer.) (Controls Ashland Lt., Pwr. & St. Ry. Co. and Ashland Pwr. Co.); cap. 200,000 (pfd.); $300,000 (com.); bds. $1,344,400.
Pres. Manuel M. Reid....Ironwood, Mich.
V. Pres. E. J. Shaylor............Ashland
*¶Mgr. & Cont. Agt.
Arthur E. Appleyard............ "
Sec. Geo. F. Merrill............... "
Treas. W. Louis Williams
50 State St., Boston, Mass.
Supt. Martin H. Juhl.............Ashland
Ch. Engr.
Bryan S. Reid .................... "
Tot equip. of pwr. stas.: 9 a. c. G. E. tot. 4100 kw. 2300 v. 3 ph. 60 cys; 7 d. c. G. E. tot. 885 kw. 550 v; 250 kw. stor. bat. E. S. B. 550 v. 50 amp; trans. volt. 33000 v; 24 transf. G. E. tot. 4000 kw; 1500 hp. b. Mil; 1250 hp. e. Allis-C, Ideal, Webster, Campbell and Lane; 6600 hp. wtr. whs. Smith, Lef; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220 v. 3 & s. ph. 60 cys.
City cont. 300 magn. arcs 2000 cp. $60 per yr; 450 series Tung. 25 cp. $15 per yr; all nt; coal $3.70. (Distributes in Ashland, Hurley, Gile, Iron Belt, Marengo and Montreal, Wisc. and Ironwood, Bessemer, Ramsey and Wakefield, Mich.: sells energy in bulk at Mellen.) (New gen. sta. under constr. which will contain 3-500 kw. turbo-generators.)
D R S W 1 3 16

**ATHENS,** 904 — Athens Elec. Lt. & Pwr. Co. Office, 700 Cedar St., Milwaukee; cap. $12,500; bds. $10 000.
Pres. A. C. Rietbrock..........Milwaukee
V. Pres. & Mgr. Wm. L. Erbach..Athens

*Sec. & Treas. Wm. C. Klann..Milwaukee
¶Pur. Agt. Rietbrock Land & Lumber Co.................. "

1 d. c. S. H. 55 kw. 250 v; d. c. day cir; 55 hp. e. Erie; 60 hp. b. Erie; 30 amp. 8 hrs. stor. bat. E. S. B.

City cont. 12 arcs $50 per yr; mdnt; wood $1.50.

C D L S ✠ 16

**AUGUSTA,** 1,405—Augusta Lt. & Telephone Co.; cap. outstg. $45,760.
Pres. L. J. Robert..................Bangor
V. Pres. E. J. Kneen.............. "
*¶Sec. Treas. Mgr. & Cont. Agt. R. W. Bowen....................Augusta
Gen. Supt. I. A. Shaver.......... "
Ch. Engr. Frank Sturns.......... "

Purchases energy from Wisconsin-Minnesota Lt. & Pwr. Co; 1 transf; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 104 incs. "C" 40, 60 & 100 c. p. $1.50 & $1.75 per mo; all nt.

D L I ✠ ★16

**BALDWIN,** 584—Burkhardt Milling & Elec. Pwr. Co. (Purchased property of Baldwin Elec. Lt. & Fuel Co.) See Hudson.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 10 arcs 1200 c. p. $42 per yr; 10 incs. 50 c.p. $12 per yr; moonlt. mdnt.

D L 1 3 ✠ 16

**BANGOR,** 692—Hussa Bros. Elec. Lt. & Pwr. Plant.
*Mgr. Otto Hussa....................Bangor
¶Supt. & Ch. Elecn. Emil Hussa.. "

3 d. c. West, Ft. W. tot. 122 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 150 hp. e. Erie, Ideal; 355 hp. b. Frick, Lyons.

City cont. 50 incs. 100 w. $27 per yr; midnt; coal.

C D L S ✠ 25

**BARABOO,** 6,324 — Baraboo Gas & Elec. Co; cap. $100,000; bds. $98,000, 5 p. c. int.
Pres. F. R. Grover............Chicago, Ill.
V. Pres. Wm. Clancy........ " "
Sec. & Treas. T.H.Durst...Waukegan, Ill.
*Cont. Agt. E. A. Potter.....Chicago, Ill.
Mgr. A. E. Potter..................Baraboo

2 a. c. G. E. tot. 187½ kw. 2300 v. 3 ph. 60 cys; a. c day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 220 hp. e. F. & S; 200 hp. b. Erie.

City cont. 473 street series Tung. 50, 75 & 100 w. $17.88 per yr; mdnt: coal $3.65.

D L S 3 ✠ 74

**BARRON,** 1,499 — Munic. Elec. Lt. Plant; cost $15,000.
Pres. Vil. J. C. Rockman.........Barron
¶Sec. M. H. McKee................ "
Treas. John West................ "
*Gen. Supt. D. G. Howey......... "

1 a. c. Ft. W. 90 kw. 2200-110 v. s. ph. 60 cys; a. c. day and nt. ltg. cir; 140 hp. turb. Lef.

18 city arcs 400 c. p; 42 arcs 100 c. p; 5 cts. per kw. hr; moonlt; oil.

D L W 1 ✠ ★16

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Red Cedar Valley Elec. Co. See Rice Lake.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 16

**BAYFIELD,** 2,675—Munic. Lt. Pwr. & Wtr. Plant; cost $20,000.
Pres. H. J. Wacksmith............Bayfield
*Sec. & Supt. F. M. Herrick...... "
Engr. Pwr. Sta. S. F. Taylor..... "

2 a. c. Triumph tot. 150 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110-220 v; a. c. mo. cir. 110-220 v; 300 hp. e. Sknr; 300 hp. b. Bros.

20 city arcs 660 w; 200 carbon 16 c. p; tot. $1,250 per yr: moonlt; wood $1.40.

L S 1 ✠ 16

**BEAVER DAM,** 6,758 — The Beaver Dam Lt. & Pwr. Co. Office, 207 Front St.; cap. $50,000.
*Pres. & Treas. D. C. West...Beaver Dam
V. Pres. Walter Goll............Madison
Supt. J. D. Roberts...........Beaver Dam

4 a. c. Ft. W, Allis-C. tot. 505 kw. 230 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 110 220 v. s. & 3 ph. 60 cys; 600 hp. e. Bckye. Allis-C; 600 hp. b. tublr. Ft. W; also stm. htg.

City cont. 95 arcs G. E, Ft. W. 6.6 amp. first 60 arcs $70, all over $60 per yr; 73 inc. 6.6 amp. 32 c. p. $21 per yr; moonlt; coal $4.10. (Transmission lines to Horicon, So. Beaver Dam, Burnett Fox Lake and Minnesota Jct; sells energy in bulk to city of Juneau.)

D H L S 1 3 ✠ 16

**BELLEVILLE,** 422—Belleville Milling & Elec. Lt. Plant.
*Owner & Mgr. (Mrs.) A. D. Bennett..........Belleville

1 d. c. West. 18 kw. 500 v; d.c. day & nt. ltg. cir. 500 v; 40 hp. wtr. wh. Leffel.

City cont. 110 incs. $6 per yr; 10.30 & 11 P. M.

C D L W ✠ 16

**BELMONT,** 532 — Munic. Elec. Lt. Plant.
Pres. Bd. H. W. Nessler.........Belmont
*Supt. & Engr. Pwr. Sta. John W. Williams... ..... ... "

1 d. c G. E. 240 kw. 220 v; d. c. day (one day a week) & nt. ltg. cir. 220 v; 85 hp. e. Vilter; 100 hp. b. Vilter.

City cont. 46 incs. $26 per yr. moonlt. 11 p. m.; coal $3.75.

C D L S 16

**BELOIT,** 20,000 — Beloit Wtr., Gas & Elec.Co.; cap. $1,000,000; bds. $1,000,000
Pres. E. G. Cowdery.........Chicago, Ill.
V. Pres. & Gen. Mgr. B. F. Lyons..Beloit
Sec. C. H. Deppe...........Cincinnati, O
*Asst. Sec. E. L. Moorman.........Beloit
Treas. H. A. Von Oven............. "
Gen'l Supt. R. G. Krumrey ........ "

4 a. c. G. E, tot. 2200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 116 v; a. c. mo. cir. 230 v; stm. turbines; 1200 hp. b. Bab. & W. Edge; 275 hp. turb. Leffel Dayton.

City cont. 177 arcs enc. 7.5 amp. $50 & $65 per yr; 1 A. M. & all nt; coal $2.50

D L S W 3 16

**BENTON,** 750—Benton Elec. Lt. & Wtr. Wks.
Pres. James H. Fox................Benton
*Sec. John G Beck................ "
Treas. C. M. Vail................ "
Supt. & Engr. Pwr. Sta. Edward Fields.................. "

Purchases energy from Interstate Lt. & Pwr. Co., Galena, Ill.; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.

City cont. 46 Tung. 100 c. p; all nt.

D L 3 123†

**BERLIN,** 4,636—Berlin Public Service Co. Office, Berlin. (Central Wisconsin Ry. & Utilities Co. which is affiliated with this company is building a 22,000 v. trans. line to Red Granite and Spring Lake, a distance of about 13 miles, and will supply energy for the Wisconsin Granite Co., the Badger Crushed Granite Co. and other power consumers from the plant at Berlin); cap outstg. $75,000; bds. $140,000.
Pres. S. W. Irwin.................Berlin
V. Pres. M. E. Irwin................ "
¶Sec., Treas. & Mgr. O. C. Irwin...................... "
Ch. Engr. T. Meyers................ "

2 a. c. West. Irwin tot. 600 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v; a. c. day & nt. mo. cir. 440-220-110 v; 950 hp. e; 850 hp. b.

City cont. coal $3.

D L S 2 ✠ 75

**BIRNAMWOOD,** 678—B. B. Andrews.
*Mgr. J. B. Andrews........Birnamwood
Supt. Edw. Kimbal.......... "

1 d. c. 55 kw. 220 v; 150 hp. e. Ide; 250 hp. b.

City cont. 13 tung. "C" 400 w. $35 per yr; moonlt. mdnt.

C L S ✠ 125

**BIRON,** 50—Consolidated Wtr. Pwr. & Paper Co. See Grand Rapids.

1 a. c. Allis-C. 500 kw. 440 v. 3 ph. 60 cys; 2 d. c. West. tot. 350 kw. 240-250 v; 1000 hp. wtr. wh. Allis.C.

C L W 3 16

**BLACK RIVER FALLS,** 1,917 — Munic. Elec. Lt. Plant; cost $72,000, bds. $19,500.
Mayor, J. J. McGillway.... Black River
*Clerk, H. H.Parsons....... Falls
City Treas. C. E. Mower...... "
Engrs. Baley Edmonds.. "
Pwr. Sta. Bert I. Moen..... "
City Elecn. Theo. Mason..... "

1 a.c. G. E. 450 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 350 hp. wtr. wh. Leffel.

20 city arcs Ft. W. 450 kw; 50 city incs. 6.6 amp. 3 cts. per kw; moonlt.

D L W 3 ✠ 74

**BLAIR,** 486—Munic. Electric Lt. Plant; cost $7,000.
*Pres. of Vil. Bd. Peter Herried.....Blair
Clerk, J. O. Knutson................. "
Treas. O. B. Borshein............... "
Mgr. & Engr. Pwr. Sta.
Ador Pederson..................... "

1 d. c. Tri. 50 kw. 220 v; no day cir; 100 hp. e. Allis-C; 100 hp. b. Funk.

16 city arcs 100 c. p. $20 per yr.; 20 incs. 32 c. p; 11 P. M. and 5 A.M. to dawn; wtr. pwr. $85 per month.

C L S ✠ ★95†

**BLANCHARDVILLE,** 643 — Munic. Elec. Lt. & Wtr. Plant; cost $26,000.
Pres. of Vil. Bd.
F. J. McKenna..........Blanchardville
Treas. Edw. Regez........ "
*Mgr. Lyle Sardensen..... "

2 d. c. Ft. W. Wood tot. 150 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 150 hp. b. Freeman; 100 hp. e. Allis-C; 48 hp. turb. (wtr.) Lef.

60 city Tung. 60 & 100 w. $15 & $20 per yr.; moonlt; coal $3.

C D L S W 85

**BLOOMER,** 1,204—Bloomer Elec. Lt. & Pwr. Co.
Pres. Martin Rasmus.............Bloomer
V. Pres. Cornelius Christianson.... "
*Sec. & Treas. F. E. Walrath.... "

Energy purchased from Wisconsin Minnesota Lt. & Pwr. Co.; 3 transf. West. tot 200 kw; trans. 6600 v; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 220-110 v. s. ph. 60 cys.

City cont. 15 Mazdas "C" 600 c. p. $60 per yr; 17 incs. "C" 32 c. p. $12 per yr; all nt.

D L 1 ✠ 16

**BOSCOBEL,** 1,525 — Munic. Elec. Lt. & Pwr. Plant; cost $18,000; bds. $1,000.
Mayor, W. E. Howe.............Boscobel
Clerk E. T. Sanger.............. "
Treas. C. A. Oswald............ "
*Gen. Supt. & Cont. Agt.
Chas. A. Blair................. "

Purchases energy from Lancaster Lt. & Pwr. Co; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 104 v. s. ph. 60 cys.

City cont. 100 series Tung. metered; moonlt.

D L 1 ✠ 75

**BOYD,** 527—Wisconsin Log & Mfg. Co.
*Pres. Anson Heagle..............Gilman
Mgr. A. R. Heagle................ "

1 d. c. West. 37½ kw. 250 v; d. c. nt. ltg. cir. 220 v; 65 hp. e. Rus; 100 hp. b. Eau Claire.

City cont. 12 arcs 660 w. $66.66 per yr; moonlt. mdnt; wood $600 per yr.

C L S ✠ 123†

**BRANDON,** 681—Fairwater Elec. Co. See Fairwater.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300-220-110 v; 3 ph. 60 cys.

D L 3 16

**BRILLION,** 1,454—F. Paustian Milling Co.; no bds.
Pres. F. Paustian................Brillion
*V. Pres. A. Paustian............ "
Sec., Treas. & Gen. Supt.

Purchases energy from Wisconsin Public Service Co; 9 transf. Packard, West; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 52 incs. 60 & 250 c. p. midnt;

D L 3 ✠ 16

**BRISTOL,** 500—Elec. Lt. Plant.
*Owner & Mgr. C. H. Murdock...Bristol

1 d. c. Btty Co. 50 amp. 120 v; d. c. day & nt. ltg. cir. 110 v.; 12 hp.e. (gas) Bates & Edwards; 10 amp. 8 hr. stor. bat. Battery Co. 110 v.

3 street lts. 40, 60 & 80 w; kerosene and gasoline.

C D G L 25

**BRODHEAD,** 1,517—Munic. Elec. Lt. & Pwr. Plant. (Successor to Brodhead Elec. Co.); bds. $40,000.
Comm. Chm. C. J. Stephenson.Brodhead
W. W. Douglas......... "
W. H. Fleek............ "
W. C. Green............ "
*¶ Cont. Agt. & Supt. K. Guelson "
Engr. Pwr. Sta. Geo. Ingraham.. "

5 d. c. G. E. tot. 140 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220-110 v; 150 hp. e. Alberger; 150 hp. b. Frmn; 200 hp. turb. (wtr.) Dayton.

City cont. 6 arcs A-B. 6 amp. $60 per yr; 140 incs. 40 & 25 w. $6 per yr; mdnt; coal $4.20.

C D L S W ✠ ★16

**BROWNTOWN,** 222 — Munic. Lt. Plant; cost $3,600.
Pres. W. M. Good............Browntown
*¶ Sec. Cont. Agt. Mgr. &
Engr. Pwr. Sta. E. J. Strayer "
Treas. R. E. Erickson........ "

1 d.c. Ft. W. 80 kw. 220 v; no day cir; d. c. ltg. cir. 220 v; d. c. nt. mo. cir. 220 v; 30 hp. e. (gas) I. H. Co.

3 city arcs; 18 city incs; 11. P.M; gasoline 12.7 cts.

C G L ✠ 16

**BRUCE,** 565—Munic. Elec. Lt. & Wtr. Plant; cost $13,000; bds. $11,900.
Pres. M. A. Brosious..............Bruce
*Sec. Jas. Kraus................... "
¶ Treas., Mgr. & Cont. Agt.
E. S. Spears...................... "
Engr. Pwr. Sta. A. A. Clouts...... "

1 d. c. Northn. 30 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; d. c. mo. cir. 220 v; 70 hp. e. Erie, Ball; 85 hp. b. Titusville.

3 city arcs. Warner 6.6 amp. $70 per yr; 21 Madzas 100 w. $20 per yr; moonlt; 12 P. M; wood $3 75.

C L S ✠ 44

**BURLINGTON,** 3,212—Wisconsin Gas & Elec. Co. For executive officers, see Kenosha.
Supt. W. J. Leach.............Burlington
Engr. Pwr. John Terhorst.... "

1 a. c. G. E. 125 kw. 2300 v. 3 ph. 60 cys; 2 d. c. W. E. tot. 200 kw. 120v; a. c. day & nt. ltg. cir. 120 v. 60 cys; d. c. ltg. cir. 120 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; d. c. mo. cir. 220 v; 300 hp. e. Allis C; 150 hp. turb. (wtr.) Leffel; 450 hp. b. Atlas Mc. Naull. (Also purchases energy from Milwaukee Lt., Ht. & Trac. Co.; trans. 2300 v. 3 ph. 60 cys.)

City cont. 14 incs. 600 c. p. $62 per yr; 118 incs. 80 c, p. first 100, $24 per yr., all over 100, $21 per yr.

C D L S W 3 ✣ ★75w

**BURNETT**, 140—The Beaver Dam Lt. & Pwr. Co. See Beaver Dam.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys.

D L 1 16

**CADOTT**, 765—Munic. Elec. Lt. & Wtr. Plant.

Sec. Treas. & Audr. A. Lotz.......Cadott
*Mgr. Cont. Agt. & Ch. Engr.
M. M. Dvorak .................. "
¶ Supt. Village Board.............. "

Energy purchased from Wisconsin-Minnesota Lt. & Pwr. Co., Eau Claire; 2 transf. Ft. W. tot. 75 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys.

50 city incs. 80 c. p. 4 cts. per kw. hr; all nt.

D L 1 ✣ 125

**CAMBRIDGE**, 507—Cambridge Lt. & Pwr. Co; cap. $6,000.

*Pres. J. W. Porter...........Cambridge
V. Pres. A. C. Amundson....... "
¶ Sec. Treas. & Mgr.
H. C. Stair.................... "

2 d. c. Peerless W. E. tot. 29 kw. 110 v; d. c. day & nt. ltg. & mo. cir. 110 v; 160 amp. hrs. stor. bat. 110 v. Globe Elec.

City cont. 26 Tung. tot. $500 per yr; lt.; 11 P. M; kerosne.

C D L ✣ 44

**CAMERON**, 562—Red Cedar Valley Elec. Co. See Rice Lake.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.

D L 3 16

**CAMPBELLSPORT**, 650—Campbellsport Elec. Lt. & Pwr. Co.; cap. $40,000; no bds.

Pres. Walter Schroeder..........Milwaukee
*Gen. Supt. & Ch. Engr.
Hy. Braun...............Campbellsport

1 a. c. Hawthorn 100 kw. 1150 v. 3 ph. 60 cys; 1 arc G. E. 35 lt; a. c. day & nt. ltg. cir. 110 v; 100 hp. e. gas Nash; 100 hp. gas pro. Smith.

City cont. 13 Mazdas "C" 400 c. p. 6.6 amp. $72 per yr; midnt; coal $5.

D G L 3 ✣ 16

**CASHTON**, 673—Munic. Elec. Lt. & Wtr. Plant; cost $25,000; bds. $11,400.

*Vil. Pres. E. O. Dosch ..........Cashton
Clerk, P. J. Hegge................ "
Treas. L. M. Earle................ "
Supt. & Engr. Pwr. Sta.
M. A. Erickson................. "

1 a. c. Ft. W. 75 kw. 1100 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110-108 v; — hp. e. L. & B; 125 hp. b. La Crosse.

64 city Tung. 50 w. $18 per yr; moonlt. 11.15 P. M; coal $4.80.

L S 3 ✣ 123†

**CASSVILLE**, 890—Munic. Elec. Lt. & Wtr. Plant; cost $20,000; bds. $3,500.

Vil. Pres. L. H. O'Key..........Cassville
*¶Sec., Cont. Agt. & Gen. Supt.
F. J. Dietrich.................. "
Treas. J. M. Burgess............ "
Ch. Engr. Alx. Williams......... "

1 d. c. Northn. 45 kw. 220 v; 50 hp. e. Brnl; 150 hp. b.

City cont. 12 arcs A. B. $40 per yr; 500 incs; moonlt; coal and wood $3.

C L S ✣ 75

**CAZENOVIA**, 392—Cazenovia Lt. & Pwr. Co.

*Owner, Martin C. Mortenson..Cazenovia

1 d. c. Northn. 30 kw. 220-110 v; d. c. day (part) & nt. (part) ltg. cir. 110 v; d. c. day (part) & nt. (part) mo. cir. 110-220 v; 80 hp. turb. (wtr.) Smith.

City cont. 9 inc. 32 c. p. $13 per yr; moonlt.

C D L W ✣ 16

**CEDARBURG**, 1,717—Munic. Elec. Lt. Comm. Cost $50,000.

Pres. G. A. Boerner.............Cedarburg
*¶Sec. & Cont. Agt.
A. C. Schleifer ................. "
Ch. Engr. Pwr. Sta.
Ernest E. Schneider........... "

3 a. c. Allis-C, G. E. tot. 425 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220-440 v. s. & 2 ph. 60 cys; 485 hp. e. Sknr. Nord; 450 hp. b. Frmn; 100 hp. stm. turb. G. E.

84 city incs. $35.70 per yr; moonlt; screenings $4.

D L S 1 2 ✣ ★16

**CEDAR GROVE**, 498—The Wisconsin Foundry & Steel Wks. Elec. Lt. Plant.

¶Pres. & Mgr. A. Stokdyk, Sr., Cedar Grove
V. Pres. G. W. Meinen...... "
Sec. J. Van De Wall......... "
Treas. I. Wolfert................Oostburg
*Supt. C. W. Holle..........Cedar Grove
Engr. Pwr. Sta.
B. Graven.................. "

1 d. c. Northern 40 kw. 125 v; nt. ltg. cir; 15 hp. gas e. F. M. & Co.

City cont. 49 tung. 40 w. $10.61 per yr; 11 P.M; coal; gasoline 15 cts.

C G L 25

**CHETEK**, 829—Chetek Lt. & Pwr. Co.

*Owner & Mgr. W. J. Gavin.......Chetek

2 a. c. Warren tot. 180 kw. 1100 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 133 cys; 240 hp. wtr. wh.

City cont. 7 a. c. enc. arcs 6.6 amp; 14 incs. 32 c. p; moonlt. all nt.

D L W 1 ✣ 16

**CHILTON**, 1,530—Calumet Service Co.; cap. $20,000; bds. $25,000.

*¶Mgr. M. H. Snell...............Chilton
Engr. Pwr. Sta. Bert Hinch......... "
Asst. Engr. West Boldock.......... "

2 d. c. W. E. tot. 175 kw. 220-110 v; day & nt. cir; 210 hp. e. F. & S; 250 hp. b. Reliance.

City cont. 32 arcs 2000 c. p. $75 per yr; Phila. moonlt; coal $3.20.

C D L S ✣ 75

**CHIPPEWA FALLS**, 8,893 — Wisconsin-Minnesota Lt. & Pwr. Co. For executive officers, see Eau Claire.

Local Mgr. Holmes Ives..Chippewa Falls

2 a. c. West. G. E. tot. 1850 kw. 2300 v. 3 ph. 60 cys; 2 d. c. G. E. tot. 500 kw. 550 v; 2 rect. G. E. tot. 36 lt. a.c. day & nt. ltg. cir. 112 v. 60 cys: a.c. day & nt. mo. cir. 110-220-440-2300 v. 3 ph. 60 cys; d. c. mo. cir. 600 v. (ry.) 956 hp. turb. (wtr.) Dayton.

City cont. 90 arcs G. E. lumn. $51.20 per yr; 34 Mazdas 60 c. p; all nt. (Trans. to Cadott, Boyd and Bloomer.)

C D R W 3 ✣ 16

**CLAYTON**, 250—Clayton Elec. Co.

Pres. Chas. J. Anderson...........Clayton
*Sec. & Treas. H. W. Jones....... "
Engr. Pwr. Sta. F. Hansing ...... "

1 d. c. F. M. & Co. 5 kw. 115 v; d. c. nt. ltg. cir. 110 v; 12 hp. e. (gas) Internat'l.

City cont. 9 Mazdas 60 & 100 w; gasoline.

C G L 16

**CLINTONVILLE**, 1,747—Munic. Elec. Lt. & Wtr. Plant; bds. $4,000.

Pres. Edw. Felshaw, Clintonville
Wtr. V. Pres. Fred. Goerlinger "
& Lt. Otto Zachow........ "
Comn. Rud. Schmiedeke... "
Sec. J. Spearbraker. "
*¶Supt. & Ch. Engr. Pwr. Sta.
G. C. Stewart............... "
2 a.c. Wagner, Allis-C. tot. 275 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 400 hp. e. Allis-C.; 200 hp. b. Freeman, Frost.
75 tung. series 100 & 400 w; 160 incs. (White Way) 80 c. p. tot. $1,725 per yr; moonlt; all nt; coal $3.75.
D L S 1 3 16

**COLBY,** 869—Munic. Elec. Lt. & Wtr. Plant; cost $20,000.
*Sec. Richard Zillman..............Colby
Treas. John Pribnow................ "
¶Mgr. Chas. F. Maahs .............. "
Engr. Pwr. Sta. L. W. Frane....... "
1 a. c. Ft. W. 50 kw. 1100-100 v. s. ph. 133 cys; no day cir; 75 hp.e. Wis; 80 hp.b. Morgan.
22 city arcs 2000 c. p. $60 per yr; moonlt; wood $3.25.
L S 1 44

**COLFAX,** 701—*Larson & Sons; cost $18,500.
Pres. Carl Larson..................Colfax
¶Mgr. Melvin Larson.............. "
1 d. c. Lundell 200 kw. 250 v; d. c. nt. ltg. cir. 220 v; 50 hp. e. (gas) Enterprise; 85 hp. wtr. wh. I. X. L.
City cont. 31 Mazdas 40 w. $8 per yr; dusk till 12 P. M. & 5 A. M. to dawn.
C G L W ✣ 74

**COLUMBUS,** 2,523 — Munic. Water Wks. & Elec. Lt. Plant; cost $20,000; bds. $1,000.
Mayor, M. G. Gillory ..........Columbus
Pres. of Comm. Henry Wrede.. "
Sec. of Comm. Fred. Proctor.. "
*Supt. F. H. Roob............. "
2 a. c. West. tot. 225 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v; 360 hp. e. Ideal; 230 hp. b. Erie City.
156 city series incs. 100 c. p. $3.50 per yr; moonlt; coal $4.24.
D L S 3 ✣ 25

**COON VALLEY,** 291—Coon Valley Milling & Ltg. Co.
*Mgr. N. L. Thompson......Coon Valley
1 d. c. Benton 150 kw. 110 v; d. c. nt. ltg. cir. 110 v; 100 hp. wtr. wh. Leff.
City cont. 24 incs. $12 per yr. 11 P. M.
C L W ✣ 16

**CRANDON,** 1,883 — Munic. Elec. Lt. Plant.
*Mayor, M. Bassett..............Crandon
Clerk, Robert Netzel............ "
Supt. A. G. Lamond ... ......... "
1 a. c. West. 75 kw. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 115-230 v. 60 cys; 130 hp. e. Ideal; 90 hp. B. Frost.
City cont. 20 arcs 6.6 amp; moonlt; all nt; wood.
L S 3 74

**CUBA CITY,** 967—Cuba City Elec. Lt. & Wtr. Wks.
Pres. Bd. Wm. Marshall.......Cuba City
Clerk, W. Brewer.............. "
*Supt. J. R. Kay.............. "
Energy purchased from Interstate Lt. & Pwr. Co., Galena, Ill.; 3 transf. G. E. tot. 90 kw; a. c. day & nt. ltg. cir. 120 v. 50 cys; a. c. mo. cir. 120-210 v. 3 ph. 60 cys.
56 city series tung. 6.6 amp; moonlt; midnt.
D L 3 25

**CUDAHY,** 3,691—Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**CUMBERLAND,** 1,445—Munic. Elec. Lt. Plant; bds. $14,000.
*Mayor, Frank Algeo........Cumberland
¶Clerk, A. J. Chubb .......... "
Treas. A. H. Milter.......... "
Supt. A. E. Ledgering....... "
2 a. c. tot 2300 kw. 110 v. 3 ph. 60 cys. a.c. nt. ltg. cir. 110 v; 160 hp.e; 160 hp.b.
19 city lamps (clusters) 400 w; 67 city incs. 100 w. all nt; coal $4.55.
L S 3 ★105†

**DARLINGTON,** 1,808 — Darlington Elec. Co.; cap. $30,000.
Pres. Henry A. Salzer..........La Crosse
V. Pres. John P. Salzer........ "
Sec. E. J. Henning.............Milwaukee
*Mgr. F. J. Schumacher......Darlington
Energy purchased from Interstate Lt. & Pwr. Co., Galena, Ill.; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.
City cont 9 arcs A. B. 3.5 amp. $80 per yr; 115 Mazdas 40 w. 32 c. p. $13 per yr; all nt.
D L 1 3 ✣ 16

**DELAVAN,** 2,450—United Ht., Lt. & Pwr. Co.; cap. $12,000; bds. $13,000.
Pres. S. B. Way
Public Service Bldg., Milwaukee
V. Pres. D. E. Callender............Racine
Sec. & Treas. F. G. Boehm
Public Service Bldg., Milwaukee
*Mgr. C. S. Moses................Delavan
2 a. c. Stan. tot. 300 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-115 v. 2 ph. 60 cys; 385 hp. e. Skinr; 580 hp. b. Bab. & W.
City cont. 32 arcs 6.6 amp. $62 per yr; 42 series incs. 6.6 amp. & mult. $18 per yr; moonlt; all nt; coal. (Co. also lts. Darien.)
D L S 2 ✣ ★16

**DE PERE,** 4,477—De Pere Elec. Lt. & Pwr. Co.; cap. $75,000.
Pres. J. P. Dousman...........De Pere
V. Pres. & Mgr. Lewis Minich... "
Sec. & Treas. Peter Ruel ........ "
*¶ Cont. Agt. & Supt. L. L. Tessier "
Supt. Ovhd. Distrbn.
Wm. Robertson................ "
Ch. Engr. Pwr. Sta. Geo. Martin. "
Energy purchased from Northern Hydro-Elec. Co; 1 rot. conv. G. E. 150 kw; 2 d. c. C. & C. tot. 200 kw. 250 v; d. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; d. c. mo. cir. 220 v.
City cont. 18 arcs G. E. 4.5 amp. $50 per yr; 220 Mazdas 100 c. p. $19.20 per yr; moonlt; all nt.
C D L 3 ✣ ★16

**DODGEVILLE,** 1,791—Mineral Point Public Service Co. See Mineral Point.
a. c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 60 c. p. incs. $18 per yr. moonlt. mdnt.
D L 3 16

**DOUSMAN,** 625—Elec. Lt. Plant.
*Owner, L. J. Bischel...........Dousman
1 d. c. Watson 7.5 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 160 amp. hr. stor. bat. Mch. App. Co.; 15 hp. e. (gas).
City cont. 8 Mazda clusters 4 lt. each; 10 P. M; gasoline.
C D G L 14w

**DOWNING,** 319—Glenwood & Downing Lt. & Pwr. Co. See Glenwood City.
a. c. cir. 110 v. s. ph. 60 cys.
City cont. 14 incs. 60 w. $15 per yr.
L 1 16

**DRESSER JCT.,** 50—St. Croix Falls Wisconsin Improvement Co. See St. Croix Falls.
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 12 incs. mult. 32 c. p.
D L 1 125

**DURAND,** 1,503 — Durand Lt. & Pwr. Co.; cap. $35,000.
Pres. G. M. Miles............Omaha, Neb.
V. Pres. E. M. Miles............Arkansaw
*¶Sec., Treas. & Mgr. H. A. Miles.Durand
Engr. Pwr. Sta. Harrison Boa...... "

2 a. c. Stan. tot. 350 kw. 6600-220 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 220 v; 619 hp. turb. (wtr.) Smith, Leffel.

City cont. 88 street lts. 400 w. (7) $3.50 per mo; 60 w. (3) $1.50 per mo; 40 w. (78) $1.00 per mo. all nt. (Co. also lts. Eau Galle and Arkansaw.)

D L W 3 ✣ ★16

**EAGLE RIVER,** 1,131 — Munic. Lt. & Wtr. Plant.
* Chrmn. N. M. Emmons.....Eagle River

1 a.c. West. 200 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir. 110-220 v; 300 hp. wtr. wh. Lombard.

City cont. 21 multiple enc. arcs 7 amp; moonlt. all nt. (Lts. Town of Eagle River and adjacent summer resorts.)

D L W 3 ✣ 75

**EAU CLAIRE,** 18,310 — Wisconsin-Minnesota Lt. & Pwr. Co. Gen. stas. in RedWing, Minn., Cedar Falls, Chippewa Falls, Eau Claire, Menomonie and La Crosse. (In 1915 purchased property of the Mondovi Lt. & Pwr. Co., Niellsville Elec. Co. and Spring Valley Lt. & Pwr. Co. (Controlled by American Public Utilities Co.) Cap. outstg. $5,367,000; bds. $4,676,000.
Pres. Jos. H. Brewer, Grand Rapids, Mich.
1st V. Pres. W. B. Parsons, Winona, Minn.
2nd V. Pres. & Gen. Mgr.
A. E. Pierce..................Eau Claire
Sec. Blaine Gavett...Grand Rapids, Mich.
Treas. C. A. Boalt.........St. Paul, Minn.
Asst. Sec. & Treas.
W. J. Ripley...............Grand Rapids
¶ Pur. Agt. W. J. Sicard......Eau Claire

Power Sta. equip. at Eau Claire and Cedar Falls; 4 a. c. G. E. tot. 6500 kw. 2300 v. 3 ph. 60 cys; 1 mo. gen. set G. E. 500 kw. 600 v; trans. volt. 33,000-66,000 v; a c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys; a. c. day & nt. mo. cir. 600 v. (ry.); 11,400 hp. wtr. wh. Allis-C, Smith.

City cont. 839 incs. "C" 46½ to 249 w; all nt; coal $4.50. (Lts. Chippewa Falls, Menomonie, LaCrosse, North La Crosse, Fall Creek, Fairchild, Neillsville, Elmwood, Alma Center, Humbird, Rusk, Cedar Falls, Eau Claire, Altoona, Elk Mound, Spring Valley, Elmwood and Ellsworth and Red Wing, Minn.; sells energy in bulk to towns of Cadott and Augusta, Wis. and Lake City, Minn., and Bloomer (Wis.) Elec. Lt. & Pwr. Co., River Falls Pwr. Co. and R. E. Jones & Co., Wabasha, Minn.)

D R S W 1 3 ✣ ★16

**EDGERTON,** 2,513—Edgerton Elec. Lt. Co. (Controlled and operated by Janesville Elec. Co.); cap. $16,000; no bds.
Pres. T. O. Howe................Janesville
V. Pres. F. W. Coon..............Edgerton
¶ Sec. Treas. & Cont. Agt.
P. H. Korst......................Janesville
Local Mgr. D. J. Marcus.........Edgerton

Purchases energy from Janesville Elec. Co; a. c. day & nt. ltg. cir. 115 v. 60 cys: a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 68 series Mazdas 50 w. $24 per yr; 18 5-lt. posts Mazdas 60 w. $58.80 per yr; moonlt. (Co. also lts. Indian Ford and Newville.)

D L 1 3 ✣ 16

**ELCHO,** 475—Chas. W. Fish Lumber Co.
Pres. Chas. W. Fish..................Elcho
*Sec. & Treas. John Singer........... "

1 d. c. G. E. 25 kw. 220 v; d. c. nt. ltg. cir. 220 v; 40 hp. e. Atlas; 125 hp. b.

City cont. 4 Standards 5-60 w. each; 2 clusters 4-120 w each; shavings.

C L S 74

**ELKHORN,** 1,707—Munic. Lt. & Wtr. Comm.; cost $30,000.
Pres. S. C. Goff....................Elkhorn
Sec. Chas. Pieplow................. "
*Gen. Supt. Fritz Ohlsson.......... "
Engr. Pwr. Sta. Max Harkness.. "

2 a. c. Ft. W. tot. 175 kw. 1100 v. s. ph. 60 cys; 1 rect. West. 50 lts; a. c. day (Tuesday & Saturday afternoons) & nt. ltg. cir. 110 v; 325 hp. e. F. & S. Ball; 350 hp. b. Frmn, Spfg.

38 city arcs magnetite 310 w. $60 per yr. moonlt. midnt; 26 city carbons 32 c. p. $36 per yr. all nt; coal $3.07.

D L S 1 ✣ 75a

**ELLSWORTH,** 1,005 — Wisconsin-Minnesota Lt. & Pwr. Co. See Menomonie.

**ELROY,** 1,729—Munic. Elec. Lt. & Wtr. Wks; bds. $16,000.
Mayor, F. J. Holden.................Elroy
City Clerk, Wm. Flood.............. "
Treas. H. E. Newman............... "
*¶Supt. & Engr. Pwr. Sta.
M. H. Sherman...................... "

2 a. c. G. E. tot. 150 kw. 1100 v. s. ph. 60 cys; a. c. day (Wednesday A. M. only) & nt. ltg. cir. 108 v. 60 cys; 175 hp. e. Erie City, Ideal; 250 hp. b. Spgf.

50 series Mazdas 6.6 amp. 120 w. $15 per yr; moonlt; coal $1.25.

D L S 1 ★105†

**ENDEAVOR,** 400 — Endeavor Lt. & Pwr. Co.
*Mgr. Wm. H. Burwell..........Endeavor

1 d. c. Mch. Appl. 15 kw. 115 v; d. c. day & nt. (4:30 A.M. to 11:30 P. M.) ltg. & mo. cir. 115 v; 20 hp. e. (oil) Stiver.

City cont; kerosene.

C D G L ✣ 25

**EVANSVILLE,** 2,061—Munic. Elec. Lt. & Wtr. Plant; cost $16,000.
Chm. Com. Wm. G. Patterson..Evansville
¶ Sec. Fred. A. Baker.............. "
Treas. Geo. L. Pullen.............. "
*Supt. E. S. Cary................. "
Ch. Engr. Pwr. Sta.
Earl J. Gibbs...................... "
Asst. Engr. Pwr. Sta.
P. G. Slauson...................... "

2 a. c. West, tot. 175 kw. 2400 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 112 v; a.c. day & nt. mo. cir. 220 v; 200 hp. e. Erie, Ball; 200 hp. b. Spgfd.

10 city arcs a. c. series 6.6 amp. $50 per yr; 80 Mazdas 100 w. 6.6 amp. $13.50; per yr; moonlt; coal $3.12.

D L S 3 ✣ 125

**FAIRCHILD,** 678—Wisconsin-Minnesota Lt. & Pwr. Co. See Eau Claire.

**FAIRWATER,** 300—Fairwater Elec. Co. (Successor to the Fairwater Elec. Lt. & Auto Co.)
Pres. John Laper..............Fairwater
V. Pres. John A. Laper, Jr....... "
*Sec., Treas. & Mgr. J. W. Laper "

2 a. c. F. M. & Co., Ideal tot. 95 kva. a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 135 h. p. e. (oil) F. M. & Co. Venn S; 30 hp. wtr. wh. Lef.

City cont. 15 inc. nitro-"C" 100 w. $15 per yr; moonlt. 10.30 P. M; gasoline 23 cts. and distillate 7½ cts. (Also lts. Brandon and Alto.)

D G L W 3 ✣ ★16

**FENNIMORE,** 1,159—Munic. Elec. Lt. Plant: bds. outstg. $15,000; cost $23,000.
Pres. Bd. Wm. Roach..........Fennimore
Sec. H. C. Henderson.......... "
Treas. Geo. Howell............ "
*Mgr. Warren R. Decker..... "

Purchases energy from Lancaster Lt. & Pwr. Co; 3 transf. G. E. tot. 90 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys.

32 city Mazdas "C" 250 c. p. (21) $30 per yr. and 400 c. p. (11) $40 per yr. moonlt.

D L 3 16

**FLORENCE,** 1,941—Munic. Elec. Lt. Plant; cost $8,000.
Pres. Karl Johnson..............Florence
Sec. C. R. Johnson.............. "
*Supt. O. Trempe................ "
Engr. Pwr. Sta. A. McGraw.... "

1 a. c. Bull. 120 kw. 1100 v. s. ph. 60 cys; a. c. day cir. 110 v; 180 hp. e. Allis-C; 160 hp. b. Pollock.

Wood $3.35. (Installing 43 st. lts. series 6.6 amp.)

D L S 1 16

**FOND DU LAC,** 18,797—Eastern Wisconsin Ry. & Lt. Co.: cap. $500,000; bds. $1,152,000.
Pres. H. F. Whitcomb........Milwaukee
V. Pres. J. F. Pritchard......Manitowoc
¶Sec. & Treas. H.F.Whitcomb, Jr. Milwaukee
Audr. Fred J. Maxwell......... "
Gen. Mgr. J. P. Pulliam..........Oshkosh
Asst. Gen. Mgr. W. J. Kelsh, Fond du Lac
Supt. Elec. Dept. & Engr. Pwr. Sta. A. G. Carson............ "
*Asst. Supt. El c'l Dept. J. F. Pritchard, Jr........... "

1 a. c. Allis-C. 1000 kw. 2300 v. 3 ph. 60 cys; 3 d. c. West, G. E. tot. 1000 kw. 600 v; 1 mo. gen. West. 200 kw; 1 rot. 500 kw; a. c. day & nt. ltg. cir. 104 v; a. c. mo. cir. 220 v; d. c. mo. cir. 550 v; 1600 hp. e. Allis-C; 1000 kw. stm. turb. Allis-C; 1670 hp. b. Bab. & W.

City cont. 200 magn. arcs 4 amp. $63 per yr.; all nt; 58 5-lt. ornamental Standards 1 100-w. & 4 60-w. 3 hrs. $30 per yr; coal $3. (Co. also lts. North Fond du Lac and sells energy in bulk to Oakfield Lt. & Pwr. Co.)

C D R S 3 ✣ ★16

**FT. ATKINSON,** 4,000 — Munic. Wtr. & Lt. Comn.
Mayor, Geo. A. Eales.........Ft.Atkinson
V. Pres. T. B. Royce......... "
Sec. H. H. Curtis.............. "
Treas. C. A. Downing.......... "
*¶Mgr. W. D. Leonard........ "
Engr. Pwr. Sta. Chas. Bass.. "

2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 350 hp. e. Vilter. Cor: 270 hp. b. Bab. & W. Kuhnert; also purchases energy from Milwaukee Lt., Ht. & Trac. Co; trans. volt. 13,000 v. 3 ph. 3 transf. G. E. tot. 225 kw.

60 3-lt. cluster posts 60 w; all nt; 625 mult. incs. 30 w. moonlt. midnt; tot. $4,000 per yr; coal $3.35.

D L S 3 ✣ 125

**FOUNTAIN CITY,** 1,031 — Fountain City Lt. & Pwr. Plant; cap. $10,000.
*Owners, H. & F. Roettiger, Fountain City.

Purchases energy from the Wisconsin Ry., Lt. & Pwr. Co; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

City cont. 62 incs. 4.5 amp. 60 c. p. $1.33 per mo; 2,500 hrs.

D L 3 ✣ 16

**FOX LAKE,** 851—The Beaver Dam Lt. & Pwr. Co. See Beaver Dam.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.

D L 3 16

**FREDERIC,** 511—Frederic Elec. Lt. Plant; cost $7,000.
*Owner & Mgr. A. O. Dahlberg..Frederick

1 a. c. Mnpl. 45 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 220-110 v. 60 cys; 50 hp. e. Bckye; 60 hp. b.

City cont. 2 clusters 3-100 w. Mazdas $75 per yr; 23 Tung. 40 w. $12 per yr; mdnt; wood $2.75.

L S 3 94E

**FRIENDSHIP,** 270—Friendship Elec. Lt. & Pwr. Co. Cost $24,000.
Pres. Geo. Polivka.............Friendship
V. Pres. G. W. Bingham...... "
*Treas. M. Polivka........... "

2 a. c. Std. Stanley tot. 110 kw. 2300 v. s. ph. 133 cys; a. c. nt ltg. cir. 110 v; a. c. day & nt. mo. cir; 100 hp. wtr. wh. Leffel.

City cont. 45 incs. "C" $30 per yr. moonlt. (Also lts. Adams.)

L W 1 ✣ 16

***FULTON,** 125—Janesville Elec. Co. See Janesville.

**GALESVILLE,** 973—Davis Mill Co.; cap. $30,000; no bds.
Pres. Ole N. Sagen..............Galesville
V. Pres. A. N. Sagen............ "
*Sec. F. A. Kellman............ "
Treas. R. H. Ashley............ "
¶ Mgr. B. W. Davis............. "
Supt. & Ch. Engr. Martin Swensen ............. "

2 d. c. Benton tot. 90 kw. 220 v; 180 hp. turb. (wtr.) Samson.

City cont. 50 incs. carbon 16 c. p; 32 tungs; 11:30 P. M.

C L W 123†

**GAYS MILLS,** 557—Gays Mills Elec. Lt. Co.
*Owner & Mgr., Geo. T. Atwood, Gays Mills
Ch. Elecn. Wm. H. Brookins... "

1 a. c. Ft. W. 75 kva. 2300-110 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v; 100 hp. turb. (wtr.) Trump.

City cont. 23 series tung. 80 w. and 6 4-lt. clusters 80 w. tot. $50 per mo; moonlt.

D L W 3 ✣ 16

**GENOA JUNCTION,** 709 — Equitable Elec. Lt. Co. See Lake Geneva.

Energy from Lake Geneva; 110 v. 133 cys; 3 transf. tot. 20 kw; a. c. day & nt. ltg. & mo. cir.

City cont. 30 series tung. 100 w.

D L X 25

**GILLETT,** 610—Great Northern Pail Co.
Pres. J. H. Murphy..................Gillett
*Sec. & Treas. D. F. Smith......... "
Supt. R. C. Smith.................. "
Engr. Pwr. Sta. L. H. Gregory.... "

1 a. c. Ft. W. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110-220 v. 60 cys; 225 hp. e. B. & W., McE; 160 hp. b. Green Bay.

City cont. 1 Mazda 500 c. p. mdnt; sawmill refuse.

L S 1 44†

**GLENWOOD CITY,** 954—Glenwood-Downing Lt. & Pwr. Co; cap. $15,000.
Pres. A. J. Vanderhiden..Glenwood City
V. Pres. C. J. Augustine.. " "
*Sec. & Mgr. L. M. Libby. " "
Treas. M. F. Baker ....... " "

1 a. c. 75 kva. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. mo. cir. 110 v. s. ph. 60 cys; 60 hp. e. Bckye; 100 hp. b.

City cont. 10 Mazdas "C" 200 c. p. $48 per yr. and 14 Mazdas "B" 40 c. p. $10 per yr; dusk to daylt; coal $4.80. (Also lts. Downing; contemplates erecting 6600 v. trans. line to Boyceville.)

L S 3 ✣ ★16

**GRAFTON,** 818—Grafton Lt., Ht. & Pwr. Co.; cap. $20,000; no bds.
Pres. F. C. Mintzlaff.............Grafton
V. Pres. John G. Buch .....Cedarburg
*¶Sec. Treas. Mgr. & Engr. Pwr. Sta. August Kroehnke.....Grafton

Supt. A. C. Schleifer...........Cedarburg
3 a. c. West. tot. 250 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 3 ph. 60 cys; 115 hp. wtr. wh. Samson; also buys energy from Milwaukee Northern R. R. Co; 3 transf. West. tot. 150 kw.
City cont. 30 lamps 200, 100 & 80 c. p. 6.6. amp.
D L W 3 ✣ 16

**GRAND RAPIDS,** 7,066—Munic. Elec. Lt. Plant. (In 1915, city purchased property of Grand Rapids Elec. Co.)
*Mgr. M. N. Weeks........Grand Rapids
Purchases energy from Consol. Wtr. Pwr. & Paper Co.
1 a. c. G. E. 200 kw. 2300-230-115 v. 3 ph. 60 cys; a.c. day ltg. cir. 115 v; a. c. mo. cir. 230-115 v; 300 hp. e. Nordberg; 300 hp. b. Std, Safety.
400 c. p. nitro. city lamps; moonlt.
D L S 3 ✣ 16

Consolidated Wtr. Pwr. & Paper Co.; power plants at Grand Rapids and Biron; cap. $1,400,000; bds. $670,000.
Pres. F. MacKinnon.......Grand Rapids
V. Pres. R. L. Kraus...........Marshfield
Sec. & Mgr. Geo.W.Mead..Grand Rapids
Treas. Isaac P. Witter...... "
*¶ Pur. Agt. John E. Schnabel "
Gen. Supt. & Engr. Pwr. Sta.
Geo. P. Berkey........... "
3 a.c. G. E, Allis-C. tot. 1500 kw. 440 v. 3 ph. 60 cys; 2 d. c. North. 600 kw. 250-240 v; 3000 hp. wtr. wh. Leffel. (Sells energy o city and other industries.)
(Co. lts. Biron.)
N W 3 16

**GRANTSBURG,** 721—Munic. Elec. Lt. Plant; cost $13,000; bds. $8,000.
¶ Mayor, A. P. Nilson........Grantsburg
*Clerk, Andrew Peterson....... "
Supt. & Engr. Pwr. Sta.
Chas. Ericson............... "
1 d. c. C. W. 50 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 87 hp. e. McE; 90 hp. b. Wms.
4 city arcs d.c. enc. series A. B. 7.5 amp; 40 incs. 32 c. p; moonlt. midnt; coal.
C D L S ✣ ★16

**GREEN BAY,** 25,236—Wisconsin Public Service Co. (Successor to Northern Hydro-Elec. Pwr. Co. and Green Bay Gas & Elec. Co.)
Pres. Clement C. Smith.......Milwaukee
V. Pres. Ludington Patton.... "
Sec. & Treas. Howard Greene. "
Asst. Sec. & Asst. Treas.
George Allison............. "
Audr. Miss Buscher.......... "
¶ Pur. Agt. L. O. Landaas.... "
*Gen. Mgr. C. R. Phenicie.....Green Bay
Cont. Agt. C. M. Axford...... "
Ch. Elecn. C. M. Hasseler .... "
Ch. Engr. C. A. Ewing........ "
Engr. Pwr. Sta. E. A. Blodgett "
8 a. c. West, Allis-C. tot. 6500 kw. 2300 v. 3 ph. 25 & 60 cys; trans. 66,000 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys. 440 v. 3 ph. 25 cys; 1800 hp. e. Allis-C, 500 kw. turb. (stm.) West; 1400 hp. b. Stir; 9750 hp. turb. (wtr.) Allis C.
City cont. 295 arcs a. c. & d. c. 7.5 & 4 amp. $66 per yr; all nt. (Co. also lts. Brillion, Wrightstown, Pound and Coleman; sells energy to De Pere Elec. Lt. & Pwr. Co. and city of Kaukauna.)
D L S W 1 3 ✣ ★16

**GREEN LAKE,** 563—Green Lake Elec. Co. Cap. $8,800.
Pres. Louis Pynch...................Ripon
V. Pres. B. F. de Hosson.....Green Lake
*¶ Sec., Treas. & Mgr.
J. R. Stewart.....................Ripon
Purchases energy from Ripon Lt. & Wtr. Co; 2 transf. Packard tot. 30 kva; trans. volt. 6600 v. 3 ph; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys.
City cont. 33 incs. series 6.6 amp. 12 cts. per kw. hr. moonlt. midnt.
D L 3 ✣ 16

**GREENWOOD,** 665—Munic. Light & Pwr. Plant; cost $15,000.
Mayor, Ed. Buker..............Greenwood
City Clerk, Adolph Schwarze. "
Treas. A. M. White. .......... "
*Supt. G. V. Rork............. "
2 a. c. Ft. Wayne G. E. tot. 110 kw. 2300 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 70 hp. e. (gas) I. H. C. 60 cys; 100 hp. turb. (wtr.) Smith.
150 incs. "C" & Tung. 100 & 60 w. tot. $1200 per yr; moonlt. all nt.
D G L W 1 3 75

**GRESHAM,** 350—*Richards Bros. Elec. Lt. Plant.
Pres. & Mgr. Henry Richards...Gresham
Supt. Earl Richards............. "
1 a. c. C-W. 100 kw. 440 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; — hp. turb. (wtr.) Dayton
City cont. 4 arcs mdnt.
L W 3 44†

**HACKLEY,** 500—The Hackley-Phelps-Bonnell Co.
Pres. W. A. Hackley.............Hackley
*Sec. & Treas. C. A. Phelps..... "
1 a. c. T. H. 25 kw. 1100 v. s. ph. 125 cys; a. c. nt. ltg. cir. 100 v. 125 cys; 80 hp. e. Atlas; 400 hp. b. Phoenix.
City cont. 2 incs. 16 c. p; mill refuse.
L S 1 44†

**HANCOCK,** 510—Hancock Lt. & Pwr. Co.; cap. outstg. $1,800; no bds.
*Pres. & Ch. Engr. R. H. White. Hancock
V. Pres. L. E. Wood............. "
Sec. & Treas. J. C. White........ "
1 d. c. Northwestern 20 kw. 120 v; d. c. ht. ltg. cir. 110 v; 45 hp. e. (gas) F. M. & Co.
City cont. 60 5-lt. clusters 220 w. $60 per yr; mdnt; kerosene, 8.9 cts. & gas 18 cts.
C L ✣ §36

**HARTFORD,** 2,982 — Munic. Elec. Plant; cost $50,000.
*Supt. & Ch. Elecn.
F. J. Beck....277 Church St., Hart5ord
Engr. Pwr. Sta. A. Eggebrecht.. "
3 a. c. Allis C. tot. 495 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 725 hp. e. Allis-C; 375 hp. b. Erie.
60 city arcs G. E. 450 w. $40 per yr; moonlt; coal $3.75. (Also lts. Schleisingerville.)
D L S 2 ✣ ★16

**HAYWARD,** 2,900—Hayward Elec. Lt. & Pwr. Co.; cap. $25,000; no bds.
Pres. Geo. C. Glover.............Hayward
V. Pres. L. E. Glover.....New Richmond
*Sec. Treas. & Mgr.
John F. Purnhagen...........Hayward
Gen. Supt. C. M. Hunnicut...... "
1 a. c. G. E. 312 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 300 hp. wtr. wh. Trump; stm. aux. plant.
City cont. 16 arcs A.B. 550 w. $90 per yr; 40 incs. 16-32 c. p. $4.80 & $9.60 per yr; all nt; wood.
D L S W 3 ✣ 16

**HAZEL GREEN,** 621—Munic. Elec. Lt. & Wtr. Wks; cost $7,000.
*Mgr. A. Altenburg.........Hazel Green
Purchases energy from Interstate Lt. & Pwr. Co.; 3 transf. G. E. tot. 1100-2200 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 60 cys.
37 city series lamps.
D L X ✣ 16

**HIGHLAND,** 1096—Mineral Point Public Service Co. See Mineral Point.
a. c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 60 c. p. incs. $18 per yr; moonlt. mdnt.
D L 1 16

**HILLSBORO,** 804—Hillsboro Lt. & Pwr. Co.; cap. $10,000; cost $9,000.
Pres. F. A. Wopat....................Dilly
V. Pres. Fred. Wopat................ "
*¶ Sec. Treas. Mgr. & Cont. Agt.
F. A. Machovec...............Hillsboro
Engr. Pwr. Sta. Fred. Machovec "
1 d. c. Sprague 30 kw. 225 v; d. c. day & nt. ltg. cir. 220 v; 40 hp. e. Blandy; 80 hp. b; 160 amp. hrs. stor. bat. National.
City cont. 43 incs. 32 & 50 c. p; mdnt; coal.
C D L S ✣ 25

**HORICON,** 1,881—The Beaver Dam Lt. & Pwr. Co. See Beaver Dam.
a. c. day & nt. ltg. cir. 110 v. a. c. day & nt. mo. cir. 119 v. 8 ph. 60 cys.
D L 3 16

**HUDSON,** 2,810—Burkhardt Milling & Elec. Pwr. Co.; cap. $50,000.
Pres. & Mgr. C. Burkhardt....Burkhardt
V. Pres. F. A. Burkhardt...... "
Sec. & Treas. R. A. Burkhardt "
*¶ Supt. & Ch. Elecn.
H. E. Zimmerman...............Hudson
3 a. c. G. E, Walker, Elec. Mch. tot. 460 kw. 2300-6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 720 hp. turb. (wtr.) Trump, McC.
City cont. 63 arcs G. E. 6.6 amps. $51 per yr; 37 tung. series 60 c. p. $12.75 per yr; moonlt. all nt. (Also lts. Hammond, Baldwin, Woodville, Burkhardt, North Line, Roberts and North Hudson.)
D L W 3 ✣ 16

**HURLEY,** 2,600—Ironwood & Bessemer Ry. & Lt. Co. See Ashland.

**HUSTIFORD,** 615—Hustiford Lt., Pwr. & Mfg. Co; cap. $23,000; bds. $7,000.
Pres. & Engr. Pwr. Sta.
F. H. Rohrschneider..........Hustiford
V. Pres.
Georgiana Rohrschneider.... "
¶ Sec. Treas. Mgr. & Cont. Agt.
W. H. Rohrschneider......... "
1 a. c. West. 100 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 75 hp. e. Cor; 100 hp. b. Frmn; 225 hp. wtr. wh. Lef.
City cont. 19 incs. 4 amp. 200 c. p. $40 & $20 per yr; mdnt.
D L S W 1 3 ✣ ★16

**INDEPENDENCE,** 800—Munic. Lt. Plant.
*Pres. Bd.
John A. Markham........Independence
Comm. { Chm. S. P. Cook. "
Comm. { Peter Filla....... "
Clerk, Jacob Jackson ....... "
Treas. August A. Mish..... "
Supt. & Engr.
Robt. Gomroth............ "
1 d. c. Ft. W. 37½ kw. 220 v; a. c. nt. tg. cir. 220 v; 100 hp. e. Ball; 100 hp. b. Superior, Ball.
4 city arcs G. E. multiple; 40 incs. 32 c. p; tot. $1,000 per yr; moonlt; 11:30 P. M; coal $3.50.
C L S ★125

**INDIAN FORD**—Janesville Elec. Co. See Janesville.

**IOLA,** 850—Iola Electric Lt. & Pwr. Co.
Owners, Dahle Bros..................Iola
2 d. c. West. Browning. tot. 105 kw. 250 v; d. c. nt. ltg. cir. 220 v; 150 hp. e. Allis-C, C. & T; 110 hp. b. F. M. & Co., C. & T.
32 National (double) incs. 60 w; 4 Mazdas 100 w. and 8 Mazdas 150 w; $1.60 per 120 w; midnt. and 5 A. M. to daylt; coal $4.75; wood $3; sawdust $1.50.
C L S ★16

**IRON BELT,** 1,000—Ironwood & Bessemer Ry. & Lt. Co. See Ashland.

**IRON RIVER,** 1,248—Iron River Water Lt. & Tel. Co.; cap. $25,000; bds. $15,000.
Pres., Mgr. & Cont. Agt.
T. F. Mackmiller............Iron River
V. Pres.
Mrs. Alvena Mackmiller..... "
Sec. & Treas. Mrs. L. H. Calahan "
*Supt. J. H. Tomlinson.......... "
3 a. c. Stan, G. E. tot. 308 kw. 1150 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 350 hp. e. Allis, Hoffman & Billing; 200 hp. b. Cary.
City cont. 20 arcs G. E. $50 per yr; all nt; wood.
L S 3 ✣ ★16

**JANESVILLE,** 13,894—Janesville Elec. Co. Pwr. plants at Indian Ford and Fulton. (Owns and operates Edgerton Elec. Lt. Co.); cap. outstg. $300,000; bds. $300,000.
Pres. M. G. Jeffris...........Janesville
V. Pres. T. O. Howe............ "
*¶ Sec. & Mgr. P. H. Korst..... "
Audr. F. R. Morrissey........... "
Cont. Agt. H. E. Wagenknecht.. "
Supt. & Ch. Engr.
A. W. Woodworth........... "
7 a. c. G. E. Natl. Allis-C. tot. 1760 kw. 6600-2200 v. 3 ph. 60 cys; 3 d. c. Allis-C. tot. 235 kw. 220-110 v; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 230-115 v; 750 hp. e. Ham. Allis, Ball, Erie; 50 hp. e. (gas) F. M. & Co; 500 kw. stm. turb. Allis C; 1500 hp. turb. Leffel, New Amer; 750 hp. b. Kewanee, Freeman, Stir.
City cont. 205 arcs a. c. series 425 w. $59 per yr; 90 incs. a. c. series 60 c. p. $24 per yr; all nt; coal $2.75. (Co. also lts. Fulton and sells energy in bulk to Edgerton Elec. Lt. Co., McGowan Wtr., Lt. & Pwr. Co. and Milton Wtr., Lt. & Pwr. Co.
C D G L S W 3 16

**JEFFERSON,** 2,582—Munic. Elec. Lt. & Wtr. Plant; cost $40,000; bds. $10,000.
*Supt. J. J. Angel..................Jefferson
3 a. c. West. Ft. W. tot. 275 kw. 1100-110 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 113 v; a. c. nt. mo. cir. 220 v; 330 hp. e. Allis-C, Ames; 100 hp. turb. (wtr.) Leffel; 300 hp. b. Frmn.
114 city Mazdas 60 c. p. $18 per yr; moonlt; all nt; coal $3.87.
D L S W 2 ✣ 75a

**JUNEAU,** 1,003—Munic. Ltg. System; cost $10,000; bds. $9,000.
¶Mgr. & Cont. Agt.
Comm. Public Wks.............Juneau
*Supt. & Engr. Pwr. Sta.
Julius Kuntz.................... "
Purchases energy from Horicon Lt. & Pwr. Co; trans. volt. 13,200 v. 3 ph. 60 cys; a. c day & nt. ltg. cir. 118 v. 60 cys; a. c. day & nt. mo. cir. 118-220 v. s. ph. 60 cys.
48 city Mazdas type "C" 6.6 amp. 250 c. p; 11 P. M. 25
D L 1 3

**KAUKAUNA,** 4,717—Munic Elec. & Wtr. Dept.; bds. $53,000.
Chrm. Comm. C. E. Raught....Kaukauna
Sec. L. C. Wolf................ "
Treas. Wm. Klumb............ "
*¶Mgr., & Cont. Agt.
Wm. B. Montgomery......... "
Ch. Engr. Pwr. Sta.
Wm. Steffin.................. "

2 a. c. G. E. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lts; a. c. day & nt. ltg. cir. 115 v; a. c. day &nt. mo. cir. 230-440 v; 4200 hp. turb. (wtr.) Smith. Energy also from Wisc. Public Service Co; 3 transf. G. E. tot. 300 kw. Aux.

City cont. 90 magn. arcs 4 amp. $65 per yr; 8 incs. "C" 4 amp. $42 per yr; all nt; coal $3. (Also lts. Littlechute.)

D L W 3 ✠ ★16

**KENOSHA,** 21,371—Wisconsin Gas & Elec. Co., Office, Racine. (Purchased property of Menomonee Falls Elec. Lt. Co., Watertown Gas & Elec. Co., and the Burlington Elec. Lt. & Pwr. Co.) (Controlled through ownership of the common stock by The Wisconsin Edison Co., Inc.); cap. outstdg. $1,200,000: bds. $2,000,000.

Pres. J. D. Mortimer,
30 Broad St., New York, N.Y.
V. Pres. S. B. Way,
Public Service Bldg., Milwaukee
Sec. &. Treas. F. J. Boehm,
Public Service Bldg. “
Audr. E. Jorgenson..................Racine
¶ Gen. Mgr. D. E. Callender........ “
Local Mgr. G. H. Cook............Kenosha
Cont. Agt. A. J. Walsh.......... “

4 a. c. Allis-C, West, G. E. tot. 2125 kw. 2300 v. 3 ph. 60 cys; 2 d.c. rot. conv. West, G. E. tot. 500 kw. 550 v; 6 rect. West, G. E. tot. 50 lts; a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 230 v; 725 kw. e. Prov, Bckye, Allis-C; 1140 hp. b. Stir. Frmn; 1400 kw. stm. turb. G. E, Allis-C; also stm. htg. Also purchases energy from Milwaukee Lt., Ht. & Trac. Co.; trans. volt. 13,200 v. 3 ph. 60 cys.

City cont. 219 arcs magn; 115 Tung. 100 w: all nt; coal $2.75.

C D H L S 3 ✠ 75w

**KEWASKUM,** 625 — Kewaskum Elec. Lt. Co.; cap. $10,000.

Pres. A. L. Rosenheimer.....Kewaskum
V. Pres. B. H. Rosenheimer... “
*Sec. Treas. & Mgr.
N. W. Rosenheimer ........... “
Ch. Engr. Math. Schmidt...... “
Ch. Elecn. Wm. Eberle......... “

1 d. c. arc S. & H; 1 d. c. Bain, 110 v; no day cir; 80 hp. e. Nord.

City cont. 9 arcs 1200 c. p; coal $4.

C L S 75

**KEWAUNEE,** 1,839—Munic. Elec. Lt. Plant; cost $20,000; bds. $15,000.

Lt. Comm. Pres. F. H. Weise.....Kewaunee
*Sec. John Walecka, Jr. “
Treas.
John Gallenberger... “
Supt. Jos. H. Cmeyla............ “

2 a. c. West, Ft. W. tot. 125 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. (except Sunday) ltg. & mo. cir; 200 hp. e. Ideal, Fleming; 200 hp. b. Frost.

City cont. 26 arcs West. 7.5 amp. $85 per yr; 13 tung. 250 w. 7.5 amp. $40 per yr; moonlt; all nt; coal $3.75.

D L S 2 ✠ ★16

**KILBOURNE,** 1,170—Munic. Elec. Lt. & Wtr. Plant; bds. $5,000.

Vil. Pres. L. Kleimenhagen.....Kilbourne
Clerk, A. W. Luettgerodt...... “
Treas. Geo. Gottschalk.......... “
*¶Supt. A. R. Scheurman....... “

Energy purchased from Southern Wisconsin Pwr. Co., 3 transf. Ft. W. tot. 150 kw; 2 frequency changers National, Ridgway tot. 110 kw; 1 arc Ft. W. 10 kw; a. c. day & nt. ltg. cir. 110-120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys; 2 a. c. Nat'l, Ridg. tot. 110 kw. 2200 v. 3 ph. 60 cys.

52 city incs. 6.6 amp. 80 to 250 c. p. 5 cts. per kw. hr.; all nt.

D L 3 16

**LA CROSSE,** 30,417—Wisconsin-Minnesota Lt. & Pwr. Co. For executive officers, see Eau Claire.

Mgr. J. N. Moncrieff..............La Crosse

3 d.c. arc G.E. tot. 250 lt; 5 a. c. G. E. West. tot. 1600 kw. 2300-440-220-110 v. 3 ph. 60 cys; 1 turbo-gen. Allis-C. 2500 kw. 4000-2300 v. 3 ph. 60 cys; 7 d. c. G. E. Clark tot. 750 kw. 220-110 v; d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220-110 v; a. c. day & nt. mo. cir. 440 v. 3 ph. 60 cys; 1225 hp. e; 800 hp. turb. (stm.) West. Parsons; 2650 hp. b. Bab. & W. Wickes. Also stm. htg. (Also purchases energy from Wisconsin Ry. Lt. & Pwr. Co.)

City cont. 274 arcs magn. 4 amp. $55 per yr; 805 Mazdas 40 & 60 W. $36 per yr; all nt; coal. (This sta. also lts. North and South La Crosse.)

C D H R S 3 16

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Wisconsin Ry., Lt. & Pwr. Co. Main office, 1410 First Natl. Bank Bldg., Milwaukee. (Successor to the Winona (Minn.) Ry. &Lt. Co., and owns and operates the former properties of the La Crosse Wtr. Pwr. Co. and La Crosse City Ry. Co.) Hydro-elec. plant in Hatfield, 47 miles from La Crosse; steam pwr. plant in Winona. Minn.; cap. $1,230,000; bds. $3,675,000.

Pres. Clement C. Smith ........Milwaukee
V. Prests. Ludington Patton. “
Henry L. Rice..... “
Sec. & Treas. Howard Greene. “
*Comptr. George Allison........ “
Mgrs. P. Valier ...............La Crosse
R. M. Howard............Winona
Audrs. P. J. Riegger..........La Crosse
S. M. Rothermel........Winona

2 a. c. G. E. tot. 4800 kw. 2300 v. 3 ph. 60 cys; 8000 hp. wtr. wh. Smith; 44,000 v. 3 ph. 60 cys. trans. from Hatfield; 3 transf. G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 110-220 v; a. c. & d. c. day & nt. mo. cir. 220 v.

D R W 3 ✠ ★16

**LADYSMITH,** 3,500—Ladysmith Ltg. Co.; cap. $25,000; bds. $8,500.

Pres. L. E. McGill.............Ladysmith
V. Pres. G. E. Newman......Mobile, Ala.
*¶Sec., Treas. & Mgr.
H. W. True.....................Ladysmith
Supt. H. C. True................ “
Ch. Engr. J. H. Doucette....... “
Engr. Pwr. Sta.
John Hendricken............ “

2 a. c. West. tot. 400 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. mo. cir. 110 v. 60 cys; 350 hp. turb. (wtr.) Lef.

City cont. 60 arcs 500 w. $55 per yr.

D L W 1 3 ✠ ★16

**LA FARGE,** 654—La Farge Elec. Co.; cap. auth. $6,000.

Pres. H. L. Seely.................La Farge
V. Pres. E. Muller............... “
*¶Mgr. & Ch. Elecn.
Lester J. Wood................ “

1 a. c. Elec. Mch. 94 kva. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. (5 A. M.-12 P. M.) ltg. cir. 110 v; a. c. day & nt. (5 A. M.-12 P. M.) mo. cir. 220 v. 3 ph. 60 cys; 160 hp. turb. (wtr.) Leffel.

City cont. 49 series incs. 60 c. p. $2 per mo; moonlt.

D L W 3 ✠ ★16

**LAKE GENEVA,** 3,079 — Equitable Elec. Lt. Co.; cap. $9,000; no bds.

Pres. James G. Allen.......Lake Geneva
Sec. & Treas. M. C. Allen... “ “
*¶ Mgr. John S. Allen..... “ “
Engr. Pwr. Sta. Wm. Alcorn “ “

4 a. c. Stan. tot. 350 kw. 2400 v. 2 ph. 133 cys; a. c. day & nt. ltg. cir. 118 v. 133 cys; a. c. mo. cir. 118 v. s. ph. 133 cys; 400 hp. e. Ball, Ames; 150 hp. turb. (wtr.) Leffel; 550 hp. b. Kew. Geary.

City cont. 13 a.c. arcs 600 w; 100 incs. 32 c.p; all st. lts. on meter 5 cts. per kw; moonlt; mdnt; coal $3.20. (Co. lts. Genoa Jct. and Williams Bay.)
D L S W 1 2 25

**LAKE MILLS**, 1,672—Munic. Elec. Lt. & Wtr. Dept.; bds. $35,000.
Pres. Bd. E. C. Dodge..........Lake Mills
Sec. N. H. Falk................ "
¶Cont. Agt. & Supt.
B. C. Engsberg.............. "
Ch. Engr. Frank Heller....... "
Purchases energy from The Milwaukee Elec. Ry. & Lt. Co; 2 transf. G. E. tot. 100 kw; 1 a. c. Bull. 102 kw. 1100 v. 2 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. (Also stm. htg.)
102 city Mazdas 60 & 100 w. meter, moonlt. midnt; coal.
D L S 2 ✠ ★125

**LANCASTER**, 2,329—Lancaster Lt. & Pwr. Co. Office, 327 S. La Salle St., Chicago, Ill. (Successor to Lancaster Elec. Lt. Co., Inc.); cap. outstg. $25,000; bds. $100,000.
Pres. Harley L. Clarke..........Chicago
*¶V. Pres. & Mgr.
Geo. P. Angus...............Lancaster
Sec. & Treas. B. A. Squire..Chicago, Ill.
Audr. F. L. Pietrowicz...... "
+ a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 190 hp. e. Ide; 200 hp. b. Spgf; also purchases energy from Interstate Lt. & Pwr. Co. (Platteville); trans. volt. 33,000 v. 3 ph. 60 cys; 9 transf. G. E. tot. 420 kw.
City cont. 37 arcs G. E. 528 w. $60 per yr; 37 Mazdas 40-250 w. 12½ cts. per kw. hr; moonlt. midnt. & 5 A. M. to daylt; coal $4.05. (Co. sells in bulk to municipalities of Fennimore and Boscobel.)
D L S 3 ✠ 25

**LA VALLE**, 421—La Valle Elec. Lt. Co.
*Owner, J. A. Duddliston........La Valle
1 d. c. Northn. 25 kw. 110 v; 200 amp. hr. stor. bat; d. c. day & nt. ltg. cir. 110 v; 160 hp. wtr. turb.
City cont. 22 Mazdas 60 & 100 w. 11 P. M.
C D L W 25

**LINDON**, 580—Mineral Point Public Service Co. See Mineral Point.
a.c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 60 c. p. incs. $18 per yr; moonlt. mdnt.
D L 8 16

**LIVINGSTON**, 600—Mineral Point Public Service Co. See Mineral Point.
a. c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 60 c. p. incs. $18 per yr. moonlt. mdnt.
D L 1 16

**LITTLECHUTE**, 1,354—See Kaukauna.
a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 230-2300 v. 3 ph. 60 cys.
City cont. 20 Mazdas "C" 200 w. 40 cts. per mo. hrs.
D L 1 3 16

**LODI**, 1,044—Munic. Electric Lt. & Wtr. Wks.; cost $10,000.
Village Pres. Geo. O. Gordon........Lodi
Clerk, Job Colin...................... "
Supt. A. H. Hinds...................... "
Engr. Geo. Flint...................... "
1 d. c. Allis-C. 45 kw. 240 v; d. c. ltg. cir. 220 v; 130 hp. b. Milwaukee; 100 hp. e. Cor.
17 A. B. series multiple city arcs; 72 tantalum lamps 20 c. p; 11.30 P. M.
C L S 123†

**LOMIRA**, 529—Lomira Elec. Lt. & Pwr. Co.
Pres. Henry Grantman............Lomira
*Sec. W. J. Watts.................. "
Treas. Wm. Cortte................ "
Engr. Pwr. Sta. A. E. Carpenter.. "
1 d. c. Northn. 25 kw. 125-250 v; stor. bat. E. S. B.; d. c. day & nt. ltg. cir. 115-230 v: 40 hp. e. (gas) Reeves; 40 hp. gas. pro. Economic.
City cont. 22 Mazdas 60-150 w; moonlt. midnt; coal.
C D G L 75

**LONE ROCK**, 497—Munic. Electric Lt. Plant.
Mayor F. A. Core...............Lone Rock
Chmn. Martin Simonson...... "
*Supt. B. M. Webster.............. "
1 d. c. Globe 20 kw. 110 v; 30 hp. e. (oil); 160 amp hr. storage battery 120 v.
City cont. 26 incs. tot. $50 per mo.
C G L 85a

**LOYAL**, 677—Munic. Elec. Lt. & Wtr. Wks.; cost $17,000.
Pres. Vil. Bd. Mr. Cristman.........Loyal
*Clerk, H. Kilburn.................. "
Supt. H. E. Schmitz.................. "
1 d. c. W. E. 50 kw. 250 v; a. c. day & nt. ltg. & mo. cir. 220 v; 85 hp. e. (gas) Nash; 85 hp. gas pro. Atkinson; 200 amp. hr. stor. bat. Willard.
10 series multiple arcs 5 amp; 12 incs. 50 c. p; moonlt. midnt.
C D G L ✠ 123†

**LUCK**, 383—Luck Elec. Plant; cost $6,000.
*Owner & Mgr. P. M. C. Pederson..Luck
1 a. c. Elec. Mch. 60 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 70 hp. e. Enterprise; 70 hp. b. Brnl.
City cont. 45 incs. 32 c. p. $12 per yr; moonlt; sawdust.
D L S 1 3 ✠ ★16

**MADISON**, 30,000—Madison Gas & Elec. Co. (Controlled by American Lt. & Trac. Co., 40 Wall St., New York, N. Y.); cap. $400,000; bds. $908,000.
Pres. Alanson P. Lathrop. New York, N. Y.
V. Pres. John Corscot..........Madison
*Gen. Mgr. F. L. Cross.......... "
Sec. & Treas. John St. John....... "
Asst. Sec. & Asst. Treas.
C. N. Jelliffe..........New York, N. Y.
Gen. Supt. E. H. Kifer............Madison
¶Pur. Agt. J. Corscot, Jr......... "
Engr. Pwr. Sta. Wm. Emery...... "
Engr. of Const. H. C. Abell
New York, N. Y.
8 a. c. G. E. West. Allis-C. tot. 4100 kw. 2300 v. s. & 3 ph. 60 cys; 6 d. c. tot. 562 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; d. c. day & nt. mo. cir. 500 v; 1256 hp. e. Rus, West; 4540 h. p. steam turb. West. Allis C; 560 hp. (gas) e. West; 3355 hp. b. Haz, Stir, Wickes; 138 kw. stor. bat. 500 v. G. S. B. Co.
City cont. 393 arcs 2000 c. p. $58 per yr; all nt; coal. (Co. sells energy to Southern Wisconsin Ry. Co.)
C D G L S 1 3 ✠ 25

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Southern Wisconsin Pwr. Co. Plant near Kilbourn; cap. $1,500,000; bds. $2,000,000.
Pres. M. Swenson................Madison
*Sec. E. J. B. Schubring........ "
4 a. c. G. E. tot. 6000 kw. 2300 v. 3 ph. 25 cys; 2 d. c. G. E. tot. 300 kw. 110 v; 11,000 hp. turb. (wtr.) Wellman-Seaver-Morgan. (Co. sells 4500 kw. 70,000 v. to Milwaukee Elec. Lt., Ht. & Trac. Co. 7; miles trans; 100 kw. to Vil. of Kilbourne. 6 transf. 6000 kw. 44000-2300 v; sub-sta at Portage, 3 transf. tot. 600 kw. 44,000-2300 v.)
T W 3 95a

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*Wisconsin River Pwr. Co. Pwr. plant at Prairie Du Sac.

Pres. Magnus Swenson..........Madison
5 a. c. Allis-C. tot, 12,500 kw. 2300 v. 3 ph. 25 cys; 1 wtr. wh. set. 4000 kw. 3 ph. 60 cys; trans. 66,000 v. 3 ph. 25 cys; 18,000 hp. turb. (wtr.) Allis-C. (Sells energy to Sauk City, Prairie du Sac, Mazomanie, Black Earth, Milwaukee Lt., Ht. & Trac. Co. and Mt. Horeb Ht., Lt. & Pwr. Co.)
T W 3 85†

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Peninsular Pwr. Co. Office, Madison; Hydro-elec. plant at Iron Mountain and steam plant at Iron River, Mich; cap. outstg. $965,000; bds. $360,000.
Pres. O.C.Davidson..Iron Mountain, Mich.
V. Pres. C. V. Seastone..........Madison
Sec. & Treas. F. E. Turneaure... "
*Gen. Supt. Chas. Harger, Iron Mountain, Mich.
Ch. Engr. D.W. Mead............Madison
3 a. c. West. tot. 3750 kva. 6600 v. 3 ph. 60 cys; day & nt. service; 1565 hp. stm. turb. West; 1450 hp. b. Frmn; 5250 hp. wtr. turb. Lef.
Coal $3.85. (Co. sells in bulk to Iron Mountain Elec. Lt. & Pwr. Co. and Iron Range Lt. & Pwr. Co..)
S T W 3 25

**MANAWA**, 820 — Little Wolf River Lumber Co.
Pres. W. H. Hatten........New London
V. Pres. Arthur Lindsay........Manawa
Sec. & Treas. G. R. Lindsay..Miami, Fla.
*¶ Mgr. A. C. Lindsay...........Manawa
Ch. Engr. & Elecn. O. Peterson.. "
2 d. c. Northern, G. E. tot. 100 kw. 220 110 v; no day cir; 160 hp. turb. (wtr.) Valley.
City cont. 50 incs. 16 c. p. $7.20 per yr; mdnt.
C L W ✠ 25

**MANITOWOC**, 13,027—*Munic. Elec. Lt. Plant.
1 a. c. Allis-C. 2200 v. 60 cys; 10 d. c. G. E. tot. 450 kw. 220 v; d. c. day cir. 115 v: 150 hp. e. (gas.); 600 hp. e. Allis, Cor; 700 hp. b; 375 kw. turb. Allis-C.
City cont. 40 arcs 2000 c. p. $75 per yr; 400 series Tung. 40 w. $10 per yr. (Frund); all nt; coal $3.25.
C D G L S X 75

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Oslo Pwr. & Lt. Co.; cap. $30,000.
*Pres. Treas. & Mgr. A. O. Anderson..............Manitowoc
V. Pres. & Supt. L. Larson.......Valders
Sec. Mrs. M. Anderson........Manitowoc
1 a. c. Ft. W. 50 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 220 v. s. & 3 ph; 80 hp. e; 125 hp. b; 195 hp. wtr. wh. Leffel.
Trans. to Clarks Mills, St. Nazianz, Whitelaw and Valders.
D L S W 1 3 75a

**MARINETTE**, 14,610 — Menominee & Marinette Lt. & Trac. Co. See Menominee, Mich.

**MARSHFIELD**, 6,900--Munic. Wtr., Elec. Lt. & Pwr. Plant; bds. $115,000.
*Engr. Pwr. Sta. Otto Meyer..Marshfield
3 a. c. Allis-C. tot. 700 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 1000 hp. e. Allis C; 450 hp. b. Mnpl.
78 city Mazdas 4-lt. clusters; all nt; coal $3.50.
D L S 3 ✠ 35

**MARTINTOWN**, 100 — Martintown Elec. Lt. & Pwr. Co.
*Mgr. E. E. Bucher...... ....Martintown
1 a. c. Allis-C. 75 kw. 2300 v. 3 ph. 60 cys.; a c. nt. ltg. cir. 110 v. 60 cys.;—hp. turb. (wtr.)
(Co. also lts. Winslow, Ill.)
L W 3 44†

**MAUSTON**, 1,701 — Mauston Electric Service Co; cap. outstg. $34,500; no bds.
Pres. P. D. Curran...............Mauston
V. Pres. F. S. Veeder ...........Waupaca
Sec. H F. Schroeder ............Mauston
Treas. W. F. Winsor... ......... "
*¶ Mgr. J. E. Carroll............ "
Ch. Engr. A. Brenneman........ "
Engr. Pwr. Sta. Wm. Brenneman "
1 a. c. Ft. W. 100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. 3 ph. 60 cys; 150 hp. e. Cor.; 190 hp. wtr. wh. 150 hp. b. Twin City.
City cont. 62 incs. nitro. 400 to 60 c. p; coal $5.50.
D L S W 3 ✠ ★16

**MAYVILLE**, 2,282 — Northwestern Lt. & Pwr. Co. Office, First National Bank Bldg., Milwaukee; cap. $5,000.
Pres. H. J. Schlesinger.........Milwaukee
V. Pres. & Treas. A. A. Schlesinger "
Sec. Wilmot Saeger........... "
¶ Pur. Agt. J. P. McGuigan... "
*Mgr. J. H. Means...............Mayville
Ch. Elecn. J. J. Gray........... "
Purchases energy; a. c. day ltg. & mo. cir. 2200-220 v.
City cont. 43 arcs A. B. $50 & $65 per yr; all nt.
D L X ✠ ★16

**MAZOMANIE**, 917—Munic. Elec. Lt. & Wtr. Wks; cost $12,000; bds. $1,500.
*Mayor, Chas. Butz..........Mazomanie
Treas. Horace Smith.......... "
Clerk, H. L. Swan............. "
Ch. Engr. & Elecn. J.B. Hicks. "
Energy purchased from Wisconsin River Pwr. Co.
6 100-c. p. & 57 16-c. p. city series incs. moonlt. midnt; wood $4, coal $3.45.
L 85†

**MEDFORD**, 1,846—Medford Lt. & Htg. Co., Incorp.; cap. $20,000; no bds.
Pres. M. A. Sprague...........Washburn
V. Pres. O. A. Lamoreaux..... "
Sec. M. H. Sprague............. "
¶ Treas. F. W. Downs......... . "
*Supt. & Ch. Engr. Wm. Ungrodt. Medford
1 a. c. G. E. 90 kw. 1100 v. s. ph. 133 cys; 1 d. c. arc T-H 17½ kw; a. c. nt. ltg. cir. 110 v; 169 hp. e. Bckye; 140 hp. b. Frmn, Bros.
City cont. 32 arcs Ft. W. enc. 450 w. $78 per yr: 10 incs. 16 c. p. $6 per yr: all nt: coal $4.75; wood $1.75. (Installing Diesel eng. direct connected to 1-150 kva. 2300 v. 3 ph. G. E. generator.)
L S 1 16

**MELLEN**, 1,833—Mellen Wtr. & Lt. Co. cap. $50,000; bds. $7,250.
*¶ Pres. & Mgr. A. W. Pribnow ...Mellen
V. Pres. & Supt. A. F. Pribnow.... "
Sec. & Treas. M. G. Pribnow...... "
Engr. Pwr. Sta. Joe Gonia......... "
1 a. c. West. v. s. ph. 133 cys; 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 55 hp. e. (gas) Pitts; 45 hp. e. Erie; 200 hp. b. Iowa; 220 hp. turb. (wtr.) Samson.
City cont. 56 Mazdas 400-250-150-100-60 & 40 w. $84 to $19.20 per yr; all nt; coal $4.25.
D G L S W 1 2 ✠ 105†

**MENASHA**, 6,081 — Munic. Lt. Plant; cost (including Wtr. Wks.) $225,000.
*City Clerk, S. S. Little.........Menasha
City Treas. John Jankowski.... "
¶ Pur. Agt. Chmn. Wtr. & Lt. Com. "
Ch. Engr. John Reimer......... "
3 a. c. Wagner Natl Ft. W. tot. 460 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120-240 v. 60 cys; a. c. day & nt. mo. cir. 230 v. s. & 3 ph. 60 cys; 525 hp. e. (oil) Busch-Diesel.

City cont. 62 arcs G. I. 6.6 amp. $45 per yr; 50 Mazdas 100 & 250 c. p. $22 per yr; all nt; fuel oil and distillate 4 to 5 cts. per gal.

D G L 1 3 74

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Wisconsin Lt., Heat & Pwr. Co. See Appleton.

**MENOMONEE FALLS,** 919—Wisconsin Gas & Elec. Co. See Kenosha.

2 d. c. Northn. tot. 60 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 240 v; 75 hp. e. (oil) De LaVergne; 33 kw. stor. bat. 220 v.

City cont. 80 Mazdas 60 w. $15 per yr; mdnt; oil $3.33.

C D G L ★16

**MENOMONIE,** 5,036—Wisconsin-Minnesota Lt. & Pwr. Co. For executive officers, see Eau Claire.

Supt. W. G. Patterson........Menomonie

2 a. c. G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440-2300 v. s. & 3 ph. 60 cys; 2200 hp. turb. (wtr.) Smith.

City cont. 64 arcs enc. 7.5 amp. $57 per yr; 15 incs. 60 w. free; all nt. (66.000 v. trans. to Spring Valley, Ellsworth and Elmwood, Wisc. and Hastings, Red Wing, Frontenac, Lake City and Wabash, Minn; line also extends to Cedar Falls and Eau Claire.)

D R W 1 3 ✣ 16

**MERRILL,** 8,689—Wausau Street R. R. Co. For executive officers, see Wausau.

Supt. P. C. Daly..................Merrill
Ch. Elecn. H. M. Kellogg......... "
Ch. Engr. Pwr. Sta. Jos. Cherwenka "

4 d. c. G. E, Ft. W. tot. 550 kw. 500-250-125 v; 2 d. c. arc W. E. tot. 180 lt; d. c. day & nt. ltg. cir. 250-125 v; d. c. day & nt. mo. cir. 500-250-125 v; 250 hp. e; 40 hp. b; 500 hp. turb. (wtr.) Dayton Globe; 200 kw. hr. stor. bat. 500 v. E. S. B.

City cont. 94 incs. "C" 250 c. p. $48 per yr; all nt; shavings.

C D R S W ✣ ★16

**MERRILLAN,** 625 — Elec. Lt. Plant. (Munic.) Cost $13,000; cap. auth. $12,000, 15 p. c. div.

Pres. Jas. Cannon..............Merrillan
Clerk, C. E. Reichenboch...... "
Treas. M. A. Cook.............. "
*Supt. Oliver Rhodes........... "

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c nt. mo. cir. 3 ph. 60 cys; 150 hp. turb. (wtr.) McC.

City cont. 1 arc A. B. 660 w; all nt.

L W 3 ★16

**MIFFLIN,** 240—Mineral Point Public Service Co. See Mineral Point.

a. c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. 1 ph. 60 cys.

City cont. 60 c. p. incs. $18 per yr; moonlt. mdnt.

D L 1 16

**MILTON,** 833—Milton Wtr., Lt. & Pwr. Co.; cap. $9,975.

¶ Pres. Mgr. Cont. Agt. & Supt.
J. H. Burdick....................Milton
V. Pres. Clara S. Burdick.......... "
Sec. G. E. Crosley................ "
Treas. L. H. North................. "
Engr. Pwr. Sta. Clifford L. Burdick. "

2 d. c. Ft. W, West. tot. 30 kw. 250 v; d. c. day & nt. ltg. cir. 110-120 v; d. c. mo. cir. 220 v; 45 hp. e. (oil) Muncie; stor. bat. 120 amp. hr. 220 v. U. S. Lt. & Ht.; purchases energy from Janesville Elec. Co.

City cont. 60 Mazdas 40 w. $6.21 per yr; Phila. moonlt; kerosene 7 cts.

C D G L 44

**MILTON JUNCTION,** 775—McGowan Wtr., Lt. & Pwr. Co.

Pres. & Mgr. E. C. McGowan..Milton Jct.
Sec. & Treas. W. A. Dodd... "

2 d. c. F. M. & Co, Stir. tot. 22 kw. 110 v; 25 amp. 8 hrs. stor. bat. Phila; d c. day & nt. ltg. cir. 110 v; 32 hp. e. (gas) F. M. & Co., Walworth; purchases energy from Janesville Elec. Co.

City cont. 34 Mazdas 25 w; moonlt; 11 P. M; gasoline.

C D G L 44†

**MILWAUKEE,** 373,857 — Milwaukee Lt., Ht. & Trac. Co. (including Milwaukee Elec. Ry. & Lt. Co.) Office, Public Service Bldg. (Absorbed the Plankinton Elec. Lt. & Pwr. Co.) (Controlled by The Wisconsin Edison Co., Inc.) Generating stations at Milwaukee and Racine; cap. stk. auth. $30,000,000; outstdg. $10,000,000.

Pres. Jas. D. Mortimer...New York, N. Y.
Asst. to Pres. Edwin Gruhl....Milwaukee
V. Prests. Gen. Mgr. S. B. Way
Asst. Gen. Mgr. R. B. Stearns.... "
Chas. F. Pfister.... "
Sec. & Asst. Treas. James F. Fogarty New York, N. Y.
Asst. Sec. Robert Randall " "
Treas. Geo. R. Sheldon.. " "
Asst. Sec. & Asst. Treas.
F. J. Boehm..................Milwaukee

14 a. c. G. E. Allis-C. tot. 60,500 kw. 4000-13,200 v. 3 ph. 25 & 60 cys; 14 d. c. G. E, West. tot. 16,150 kw. 600-250-125 v; 19 arc & 12 rectifiers G. E. tot. 1209 kw; a. c. & d. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 120-240-480 v. s. & 3 ph. 25 & 60 cys; 32,000 hp. e. Allis-C, Fulton; 54,500 kw. stm. turb. Allis-C, G. E; 27,365 hp. b. Edge, Stir, Allis-C; 2000 kw. hrs. stor. bat. 120-240 v. E. S. B; also purchases energy from Southern Wisconsin Pwr. Co. and Wisconsin River Pwr. Co.; trans. volt. 66,000-13,000 v. 3 ph. 60 & 25 cys: 8 transf. G. E., Allis-C. tot. 22000 kw; 30 rot. conv. G. E., Natl. tot. 25,600 kw; 3 mo.-gen. sets G. E., Allis-C. tot. 3500 kw; 5 frequency changers G. E. tot. 4000 kw.

City cont. 3000 arcs 4, 6.6 & 9 amp. $65 per yr: coal $2.90. (Co also serves South Milwaukee, Cudahy, Racine, Kenosha, North Milwaukee, Fox Point, Waukesha, Oconomowoc, Fort Atkinson, Lake Mills, St. Martins, Muskego Lakes, Burlington, White Fish Bay, Mukwonago, Waterford, Rochester, Pewaukee, Hartland, Johnson Creek, Watertown, Wauwatosa, East Troy and West Allis.)

C D H R S W 13 ✣ 45

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Commonwealth Pwr. Co. Office, Alhambra Bldg.

Pres. Fred. Schroeder.........Milwaukee
*Gen. Mgr. O. M. Rau.......... "
Supt. J. L. Carlisle............ "
Engr. Pwr. Sta. R. A. Scott... "

3 a. c. Allis-C. 1000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118 v. 60 cys; a. c. mo. cir. 240 v. s. & 3 ph. 60 cys; 3000 kw. stm. turb. Allis-C.

D L S 1 3 ✣ 125

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Wells Power Co., 744 Wells Bldg.; 2 pwr. stas. in Milwaukee. (Controlled through stock ownership by The Wisconsin Edison Co., Inc.); cap. outstg. $200,000; notes $225,000.

Pres Edwin Gruhl,
30 Broad St., New York, N. Y.
V. Pres. S. B. Way,
Public Service Bldg., Milwaukee
Sec., Treas. & Mgr.
Oswal O. Wagley " "

5 d. c. W. E, Bull. tot. 1550 kw. 240 v; d. c. day & nt. ltg. cir. 120 v; d. c. day & nt. mo. cir. 240 v; 2000 hp. e. Allis-C; 2450 hp. b. Edge, Bab. & W.

Screenings $2.95.

C D L S ✣ 16

**MINERAL POINT**, 2,925 -- Mineral Point Public Service Co. (Purchased property of Dodgeville Elec. Lt. & Pwr. Co.); cap. outstg. $88,200; bds. $352,500.
*Pres. & Mgr.
F. C. Ludden..............Mineral Point
V. Pres. John C. Meiners......Milwaukee
Sec. H. S. Weil..............Mineral Point
Treas. Walter Reitman........Milwaukee
Asst. Sec. L. W. Bernhard.... "
Supt. Ovhd. Distrbn
F. O. Emery................ "
Conslt. Engr.
A. J. Bemis..............St. Cloud, Minn.
Ch. Engr. M. L. Smith.....Mineral Point

3 a. c. West. Allis-C. tot. 3350 kva. 2300 v. 3 ph. 60 cys; trans. volt. 13,200-33,000 v; a. c. day & nt. ltg. cir. 110-115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 500 kw. e. Nordberg; 3000 kw. hp. turb. (stm.) West Allis-C, 2000 hp. b. Heine; also stm. htg.

City cont. — incs. $15 per yr; 35 3-lt. orna. posts $30 per yr. moonlt; mdnt. (Co. also lts. Linden, Montfort, Livingston, Dodgeville, Highland, Mifflin); moonlt; screenings $2.75.

D H N S 3 ✠ ★16

**MINNESOTA JCT.**, 130—The Beaver Dam Lt. & Pwr. Co. See Beaver Dam.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.

D L 3 16

**MINOCQUA**, 741—Munic. Elec. Lt. & Wtr. Plant.
Chm. Wm. Schlecht..............Minocqua
*Sec. & Treas. E. L. Floyd..... "
Eng. Pwr. St. Geo. Mapes...... "

1 d. c. 20 kw. Tri. 250 v., 25 kw. balances set; 240 amp. hr. stor. bat. Nat'l 250 v.; d. c. day & nt. ltg. cir. 110-220 v.; 24 hp. e. (oil) M. & W.

City cont. 22 Mazdas 100-250 w. moonlt, midnt; crude oil.

C D G L 44†

**MISHICOT**, 150 —Mishicot Lt. & Pwr. Plant; cap. outstg. $9,200.
*¶ Pres. Ira Beyer..................Mishicot
Sec. & Treas. H. H. Beyer.... "

1 d. c. Northn. 40 kw. 220 v; d. c. day & nt. ltg. cir. 110 v: d. c. day & nt. mo. cir. 220 v; 60 hp. e. Brnl; 60 hp. b. Brnl: 63 hp. turb. (wtr.) Lef; 10 amp. hr. stor. bat. E. S. B.

City cont. 9 Mazdas $15 & $25 per yr; midnt; coal; wood.

C D L W ✠ 16

**MONDOVI**, 1,325—Wisconsin-Minnesota Lt. & Pwr. Co. See Eau Claire.

2 a. c. G. E. tot. 87½ kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 80 hp. e. H. O. & R; 75 hp. b. R. & C; 70 hp. e. (oil) Bessemer; 137 hp. turb. (wtr.) McC. Plant destroyed by fire Sept. 1, 1915; operating temporary plant and later will secure energy from Cedar Falls station.

City cont. 76 nitrogen incs. 100 c. p. $16.30 per yr. (60 lts. midnt; 16 lts. all nt.); coal.

D G L S W 1 3 ✠ ★16

**MONROE**, 4,410 — Monroe Elec. Co. Office, 108 So. Jackson St; cap. outstg. $27.500; bds. $46,500.
*Pres. Robt. F. Garrettson,
Michigan City, Ind.
V. Pres. Wm. Wiley Boyd........Monroe
Sec. & Treas. Alexander A. Boyd,
Michigan City, Ind.
Mgr. Boyd & Garrettson " "
Supt; Ovhd. Distrbn.
Spence Deal........................Monroe
Ch. Engr. Pwr. Sta. Alva Wood.. "

2 a. c. G. E. Allis-C. tot. 500 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 100 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 750 hp. e. Allis-C, Ideal; 500 hp. b; Frmn, Heine.

City cont. 70 magn. arcs 320 w. $65 per yr; 18 incs. 60 w. $24 per yr; moonlt; all nt; coal $3.

D L S 3 ✠ ★16

**MONTELLO**, 1,104—*Montello & Harrisville Elec. Lt. & Pwr. Co. (Purchased lighting franchise of Montello Granite Co.)

1 a.c. T -H. 120 kw. 2300 v. s. ph. 133 cys; a. c. ltg. cir. 108 v; 1 d.c. 400 amp. 110 v; d. c. day cir. 110 v; mo. cir. 110 v; 150 hp. e. Natl. Cor; 200 hp. b. Penn; 250 hp. turb. (wtr.) Samson.

City cont. 18 arcs 7.5 amp. $60 per yr; midnt; coal.

C D L S W 1 ✠ 75

**MONTFORT**, 588—Mineral Point Public Service Co. See Mineral Point.

a. c. day & nt. ltg. cir. 110-115 v; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.

City cont. 60 c. p. incs. $18 per yr. moonlt. mdnt.

D L 1 16

**MONTICELLO**, 671—Munic. Elec. Lt. Plant; cost $9,500.
Pres. Edward Blumer............Monticello
Sec. H. D. Babler.............. "
Treas. Wm. Loveland........... "
*Supt. & Ch. Engr. Richard Smith "

1 a. c. West. 60 kw. 2200-110 v. s. ph. 60 cys; no day cir; 85 hp. e. Allis-C; 100 hp. b. Frost.

20 city arcs 6.6 amp. $50 per yr; 2 incs. 120 w. $15 per yr; coal $1.90.

L S 1 75

**MOSINEE**, 657— Mosinee Elec. Lt. & Pwr. Co.: cap. $6,000; no bds.
Pres. J. P. Kanter.................Mosinee
V. Pres. F. Beste................ "
Sec. W. A. Von Berg............. "
*¶ Treas. & Supt. Arden Paronto "

Energy purchased from Wausau Sulphate Fibre Co.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. 3 ph. 60 cys.

City cont. 36 tung. series 6.6 amp. 100 w. $16 per yr; 11 P. M. (Also lts. Kronenwetter.)

D L 3 16

**MT. HOREB**, 1,048—Mt. Horeb Ht, Lt. & Pwr. Co. (Successor to Mt. Horeb Elec. Lt. Co.); cap. $12,000.
*Pres. & Gen. Mgr.
M. C. Mathison......................Mt. Horeb
V. Pres. C. J. Mathison........ "
Sec. & Treas. Grace E. Mathison "

Purchases energy from Wisconsin River Pwr. Co; 2 transf. West. tot. 50 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys.

City cont. 50 Tungsten; moonlt.

D L 1 3 ✠ 75

**MUSCODA**, 798—Munic. Elec. Lt. & Pwr. Plant; (hydro-elec. plant at Balmaral); cost $30,000; bds. $9,000.
Pres. Bd. Wm. Victor..............Muscoda
Treas. E. J. Schwingle.............. "
*Supt. J. M. Kaiser................ "
Engr. Pwr. Sta. Paul Peterson..Balmoral

1 a. c. West. 100 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 262 hp. turb. (wtr.) McC. Lef.

20 city Mazdas 250 w; moonlt.

L W 3 ★16

**NECEDAH**, 1,054—Necedah Milling & Elec. Co.
*¶ Owner & Mgr. F. M. Reed...Necedah
Ch. Engr. & Elecn. E. Carlson.. "

2 d. c. G. E. 220 v; 100 hp. e. Murray; 100 hp. b; 150. hp. turb. (wtr.) Leffel.

City cont. 60 tung. 100 w. $12 per yr; moonlt.

C L S W ✠ 16

**NEENAH,** 5,734—Wisconsin Trac., Lt., Ht. & Pwr. Co. See Appleton.
City cont. 96 G. E. arcs series 6.6 amp. $65 per yr.
L 16

**NEILLSVILLE,** 1,957—Wisconsin-Minnesota Lt. & Pwr. Co. For executive officers, see Eau Claire.
Mgr. W. W. Dearth............Neillsville
a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 112-440 v. s. & 3 ph. 60 cys.
City cont. 27 arcs 2000 c. p. $75 per yr; 20 incs. 16 c. p. $8.40 per yr; 58 com. arcs $48, $60 & $72 per yr; moonlt, all nt.
D L 13 ✠ ★125

**NEEKOOSA,** 1,570—Edwards Lt. & Pwr. Co. See Port Edwards.
3 transf. Allis-C tot. 150 kva; a. c. day & nt. ltg. cir. 112 115 v; a. c. day & nt. mo. cir. 220-2200 v. 3 ph. 60 cys.
City cont. 80 incs. series 100 & 400 w. $21.50 & $48 per yr; 1.30 A.M; 5 A.M. to dawn.
D L 3 16

**NEOSHO,** 304—Neosho Electric Co.
Owner, E. J. Labuwi...............Neosho
1 d. c. 20 kw. 120 v; 8 hr. amp. stor. bat. 110-120 v; d. c. day & nt. ltg. cir. 112 v; 45 hp. wtr. wh.
C D L W §95

**NESHKORA,** 379—Neshkora Lt. & Pwr. Co.; cap. $36,200.
Pres. E. D. Morse...............Princeton
V. Pres. & Engr. Pwr. Sta.
G. E. Dahlke..................Neshkora
¶Sec. & Mgr. Chas. T. Dahlke.. "
Treas. Edw. J. Dahlke......... "
2 a. c. Elec. Mch. tot. 225 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. turb. (wtr.) Smith, Lef.
City cont. 130 tung. 80-300 cp. $25 per yr; moonlt. (Co. also lts. Red Granite, Wantoma and Lohrville.)
D L W 3 75

**NEW GLARUS,** 708—Munic. Elec. Lt. & Wtr. Plant; cap. $40,000; bds. $12,500.
Vil. Pres. Dr. C. A. Hefy.....New Glarus
*Sec. E. J. Hoerly ............ "
Treas. Albert Schlatter ...... "
Mgr. & Ch. Engr. Geo. Spaulding "
2 d.c. Ft. W. tot. 125 kw. 220 v; d.c. day & nt. ltg. & mo. cir. 220 v; 150 hp. e. Allis-C, Erie; 225 hp. b. Freeman, Erie.
8 city arcs, Ft. Wayne, 6.6 amps. $50 per yr; 5 incs. Tung. 500 w. $40 per yr; coal $3.30.
C D L S 75

**NEW HOLSTEIN,** 839—*Munic. Elec. Lt. Plant.
Vil. Pres. Geo. Loverenz....New Holstein
2 a. c. Ft. W. tot. 75 kw. 2300 v. 3 ph.— cys; a. c. nt. ltg. cir. 110 v; 50 hp. e. (gas) Lawson.
City cont. 124 incs. 32-80 c. p. midnt; kerosene.
G L 3 44†

**NEW LISBON,** 1,074—Munic. Elec. Lt. & Wtr. Wks.; cost $25,000.
Mayor, E. O. Courts...........New Lisbon
City Clerk, H. Gibson........ "
Treas. P. Hansen............ "
¶Mgr. Chas. Thomas......... "
*Supt. & Ch. Engr.
Ernest Berger ............ "
1 a. c. West. 50 kva. 2400 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 50 hp. e. (gas) National; 80 hp. gas pro. Dornfelt.
63 city Tung. 100 w; moonlt; coal $5.35.
G L 3 ★125

**NEW LONDON,** 3,388—Munic. Elec. Lt. & Wtr. Wks. Plant; cost $70,000; bds. $42,500.
Mayor, A. C. Hermann......New London
Clerk, C. J. Thompson...... "
Treas. J. F. Croak.......... "
*Supt. O. H. Pribnow....... "
Ch. Engr. Ray Thomas...... "
3 a. c. G. E. Allis C. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440-220-110 v; 250 hp. e. H. & B. Allis-C; 250 hp. b. Frost.
79 city arcs, 200-400 w. $46 per yr; moonlt. all nt; coal $4.15.
D L S 3 ✠ 16

**NEW RICHMOND,** 1,988—Munic. Elec. Lt. & Wtr. Wks.; cost $30,000.
*Mgr. L. G. Earle ........New Richmond
¶Supt. M. Halvorson..... " "
Purchases energy from New Richmond Pwr. Co.; 3 transf. G. E, West. tot. 250 kw. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; no mo. cir.
28 city clusters 500 w. $2.50 per mo; 40 city incs. 100 w. 50 cts. per mo. all nt.
D L 1 ★105†

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New Richmond Pwr. Co.; cap. $10,000; no bds.
Pres. M. P. McNally.....New Richmond
*¶Sec. & Mgr. O. W. Mosher "
3 a. c. West. G. E. Allis-C. tot. 1200 kw. 6600 v. 3 ph. 60 cys; a. c. mo. cir. 350 hp. 220 v. 2 ph. 60 cys; 400 hp. stm. turb. Allis-C; 1500 hp. turb. (wtr.) Leffel. (Sells energy wholesale and retails in Deer Park, Star Prairie and Stanton.)
L S W 2 3 125

**NORTH FOND DU LAC,** 1,960—Eastern Wisconsin Ry. & Lt. Co. See Fond du Lac.

**NORTH FREEDOM,** 647—City Ltg. Plant.
*Owner, A. H. Voeck.......No. Freedom
1 a. c. F. M. & Co. 20 kw. 1150 v. 3 ph. 60 cys; 8 transf. Ft. W. tot. 20 kw; a. c. nt. ltg. cir. 110 v; 25 hp. e. (oil) F. M. & Co.
City cont. 29 incs. Mazda, 40 w. $15.99 per yr; moonlt; 11 P.M.; kerosene oil 8 cts.
G L 3 ✠ 16

**NORTH MILWAUKEE,** 1,860—North Milwaukee Lt. & Pwr. Co. (Owned by The Wisconsin Edison Co., Inc.) Cap. auth. $30,000; outstg. $25,000.
Pres. S. B. Way ...............Milwaukee
V. Pres. R. B. Stearns.......... "
Sec. & Treas. F. J. Boehm....... "
Supt. R. A. McNutt.......No. Milwaukee
Energy purchased from Milwaukee Lt., Ht. & Trac. Co.; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. mo. cir. 240 v. 3 ph. 60 cys.
City cont. 35 arcs G. E. 480 w. $80 per yr; 35 incs. 100 w. $25 per yr; all nt.
D L 3 ✠ 45

**OAKFIELD,** 522—Oakfield Lt. & Pwr. Co.; cap. outstg. $8,300; bds. $8,500.
Pres. F. J. Carpenter.............Oakfield
V.Prests. C. Henningsen........ "
F. B. Worthing...... "
*Sec. W. E. Bristol.............. "
Treas. & Ch. Engr. Pwr. Sta.
F. M. Barber.................... "
Energy purchased from Eastern Wisconsin Ry. & Lt. Co; 11 transf. West. tot. 90 kva. 6600-2200 v; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.
City cont. 33 tung. total $432 per yr; 11 P. M.
D L 1 3 ★125

**OCONOMOWOC,** 8,054—Munic. Elec. Lt. Plant; cost $42,000; bds. $10,000.
*¶ Supt. F. R. Hubbard...Oconomowoc

5 a.c. Ft. W, G. E. West. tot. 420 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 300 hp. e. Allis-C; 300 hp. b. Frmn; 300 kw. stm. turb. G. E; 100 hp. turb. (wtr.) Lef.

51 city arcs a. c. series 6.6 amp. $96 per yr; 20 incs. series 100 c. p. $24 per yr; all nt; coal $3.70.

D L S W 2 ✠ 16

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Oconomowoc River Pwr. Co.; cap. $30,000.

Pres. Stewart H. Markham... Milwaukee
¶V. Pres. Fred Vogel, Jr..... "
*Sec. & Treas. W. S. McDowell Oconomowoc

1 a. c. West. 75 kw. 2300 v. 2 ph. 60 cys; 100 hp. turb. (wtr.) Lef.

T W 2 125

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Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**OCONTO,** 5,629—Peoples Land & Mfg. Co.; cap. $50,000; no bds.

Pres. Treas. & Mgr.
T. A. Pamperin ................Oconto
V. Pres. N. E. Pamperin.......... "
Sec. S. C. Pamperin ............Green Bay
¶Pur. Agt. H. M. Lord...........Oconto
Supt. M. A. Mulbury.............. "

Co. buys energy from Peshtigo Lumber Co., 16 miles distant; 12000-2300-100 v. 3 ph. 60 cys; 5 transf. G. E. tot. 165 kw. 2 arcs G. E. tot. 75 lt; a. c. nt. ltg. cir. 100 v; a. c. mo. cir. 220 v.

City cont. 69 Lumm arcs 320 w. $47 per yr; all nt.

D L 1 3 ✠ 16

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Oconto Electric Co.; cap. $5,000.

Pres. Geo. H. Holt.............Chicago, Ill.
V. Pres. & Treas. W. A. Holt.....Oconto
*¶Sec. & Mgr. A. G. Fulton....... "
Engr. Pwr. Sta. F. W. Harmon... "

2 a. c. W. E, Allis C. tot. 175 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 120 hp. e. (oil) Diesel; 150 hp. e. Ball; purchase stm.

Wood; oil 4¼ cts.

D G L S 1 3 ✠ 16

**OCONTO FALLS,** 1,427—Oconto Falls Wtr. & Lt. Plant. (Munic.)

Pres. P. H. Sharp...........Oconto Falls
Treas. C. W. Carlson ......... "
*¶Supt. Emmett Johnson...... "
Engr. Pwr. Sta.
Christ. Johnson ........... "

Purchases energy from Union Mfg. Co; 17 transf. G. E. West. Packard, tot. 47 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 3 ph. 60 cys.

1 a. c. West. 54.6 amps. 1100 v. 2 ph. 60 cys; 100 hp. e. McE; 140 hp. b. Menom, Platt. (Power plant not in use)

12 city arcs 6.5 amp. $60 per yr; moonlt;

D L S 2 3 ✠ 75

**OMRO,** 1,285—Omro Elec. Lt. Co., Inc.; cap. auth. $10,000.

Pres. John Challoner............Oshkosh
*V. Pres. & Mgr. Wm. C. Cady....Omro
Sec. & Treas. R. H. Hackett....Oshkosh
Engr. Pwr. Sta. Orley V. Wills ....Omro

2 d. c. Card. G. E. tot. 90 kw. 250 v; d. c. nt. ltg. cir. 220 v; 65 hp. e. Ide.; 75 hp. b. Spgf; 60 hp. e. (gas) International.

City cont. 1 arc A. B. 2000 c. p. $48 per yr; 97 Mazdas 40 w. $12.48 per yr; moonlt; midnt; coal $4.10; oil 3.96 cts. per gal.

C G L S ✠ 16

**OOSTBURG,** 380—Oostburg Lt., Ht. & Pwr. Co; cost $5,400.

*Owner, H. W. Le Mahieu.......Oostburg

1 d. c. F. M. & Co. 7.5 kw. 115 v; d. c. nt. ltg. cir. 110 v; 12 hp. e. (oil) F. M. & Co. Energy purchased from Milwaukee Northern Ry. Co; 1 transf. G. E. 25 kva; 1 mo.-gen. G. E. 12 kw.

City cont. — Mazdas "C" 100 w. $28 per 11:30 P. M; oil.

C G L ✠ 125

**OSCEOLA,** 634—St. Croix Falls-Wisconsin Improvement Co. (Sub-Station.) See St. Croix Falls.

3 transf. West tot. 150 kw; trans. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day and nt. mo. cir. 220 v. 3 ph. 60 cys.

D L 3 25

**OSHKOSH,** 33,062—The Oshkosh Gas Lt. Co. Office, 123 Main St., Oshkosh; cap. $1,000,000; bds. $1,056,000.

Pres. Edgar P. Sawyer..........Oshkosh
V. Pres. Nia Sawyer Chase...... "
Sec. & Treas. Phil H. Sawyer.... "
*¶Mgr. & Cont. Agt. Wm. Wallen "
Supt. Distribn. J. R. Mentzel..... "
Engr. Pwr. Sta. E. F. Rider...... "

3 a. c. G. E, Allis-C, tot. 1500 kw. 2300 v. 3 ph. 60 cys; 4 rect. G. E. tot. 450 lt; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. mo. cir. 230 v. 3 ph. 60 cys; 1500 kw. stm. turb. Allis-C, G. E.; 1875 hp. b. Stir. Bab. & W.

City cont. 439 arcs G. E. enc. 6.6 amps. $60 per yr; moonlt; coal.

D L S 3 16

**OSSEO,** 548—Osseo Electric Co.

Pres. J. N. Lee.....................Osseo
*¶Mgr. S. E. Lee ................. "
Engr. Pwr. Sta. E. V. Lee ......... "

1 d. c. Globe 85 amp. 240 v; 80 amp. hr. stor. bat. U. S. Lt; d. c. day & nt. ltg. cir. 220 v; d. c. nt. (mdnt.) mo. cir. 220 v; 30 hp. e. (gas) Venn S; 25 hp. water wh. Sampson.

City cont. 36 incs. 150 & 60 w. $43.20 & $21.60 per yr. mdnt; kerosene 7½ cts. per gal.

C D G L W ✠ §105

**OWEN,** 745—J. S. Owen Lumber Co.

Pres. & Treas. Jno. S. Owen........Owen
*V. Pres. & Mgr. A. R. Owen....... "
Sec. John G. Owen.................. "
¶Pur. Agt. E. A. Owen............ "

1 a. c. Bull. 17 kw. 2300 v. 2 ph. 60 cys; 1 d. c. G. E. 10 kw. 110 v; no day cir; 190 hp. e. Allis-C, West; 250 hp. b. Frmn.

City cont. 17 arcs A. B. 6.5 amp; wood.

C L S 2 ✠ 16

**PARDEEVILLE,** 987 — Pardeeville Elec. Lt. Plant; cap. $10,000.

Pres. Ada B. Chandler........Pardeeville
*¶V. Pres. & Mgr.
Joseph Chandler............ "
Sec. & Treas.
Amelia Chandler............ "
Engr. Pwr. Sta.
J. F. Herriman.............. "

2 d. c. Northn, Ft. W. tot. 80 kw. 110-220 v; d. c. nt. ltg. cir. 114-228 v; d. c. nt. mo. cir. 228 v; 60 hp. e. Leffel; 60 hp. b Leffel.

City cont. 3 arcs A. B. 440 w. $70 per yr; 49 incs. 32 c. p. $12 & $15 per yr; moonlt, all nt; coal $5.

C L S ✠ 16

**PARK FALLS,** 1,972—Park Falls Wtr. Lt. & Pwr. Co.; cap. $10,000; bds. $4,000.

Pres. E. P. Sherry.............Milwaukee
V. Pres. Henry Sherry ...........Neenah
*Sec. Treas. & Mgr. Guy Waldo. Park Falls
Ch. Elecn. F. M. Wells........ "

2 d. c. Northn, tot. 125 kw. 110 v; 1 a. c. 100 kva; d. c. day cir. 110 v; 280 hp. turb. (wtr.) Smith.

City cont. 22 arcs A. B. $90 & $100 per yr; 1 A. M.

C D L W ✠ 125

**PESHTIGO,** 1,975—The Peshtigo Lumber Co.

Pres. Wm. Templeton ......Chicago, Ill.
V. Pres. Chas. Ray............Milwaukee
Sec. & Treas. H. A. J. Upham "

*¶ Mgr. S. D. Woodward.......Peshtigo
Supt. & Engr. Pwr. Sta.
E. P. McCarthy................ "
2 a. c. G. E. tot. 440 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 130 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 480 hp. turb. (wtr.) Dayton, Globe; trans. volt. 12,000 v. 3 ph. 60 cys.
City cont. 12 arcs A. B, G. E. 6 amp. $50 per yr; 28 incs. 80 w. Gem $10 per yr; moonlt; all nt. (Co. sells energy to People's Land & Mfg. Co., Oconto.)
D L W 1 3 ✢ 16

**PHILLIPS,** 1,948—Phillips Lt., Wtr., Ht. & Pwr. Co.; cap. auth. $25,000.
Pres. D. M. Kneeland........Wauwatosa
V. Pres., Treas. & Mgr.
B. J. Nutter......................Phillips
Sec. Paul D. Durant.........Milwaukee
*Gen. Supt. Wm. Turner.........Phillips
Purchases energy from Kneeland-McLurg Lumber Co; a. c. day & nt ltg. cir 110v; a. c. day & nt. mo. cir.
City cont. 29 arcs G. E. 6.6 amps. $84 per yr; mdnt. & 4:30 A.M. to daylt.
D L X ✢ ★85

**PLAINFIELD,** 723—Starks & Skeel Milling & Elec. Co.
Owners { *L. Starks.............Plainfield
Mgr. F. V. Skeel..... "
1 a. c. Ft. W. 60 kw. 1100 v. s. ph. 60 60 cys; a. c. day & nt. ltg. cir. 110-220 v; 100 hp. e. (gas) F. M. & Co; — hp. gas prod. F. M. & Co.
City cont. 14 arcs multiple Ft. W; moonlt. midnt; coal.
D G L 1 123†

**PLATTEVILLE,** 4,452—Interstate Lt. & Pwr. Co. See Galena, Ill.
¶ Mgr. F. H. Rickeman.......Galena, Ill.
Supt. Trans. & Constr.
J. B. Christy................. " "
Local Supt. H. S. Dyer........Platteville
Trans. from Galena; 33000 v. 3 ph. 60 cys; 2 rect. G. E; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys.
City cont. 14 arcs G. E. series 450 w. $70 per yr; all nt; 266 series Mazdas 50 w. $17 per yr; 1 A. M. (This sta. supplies energy to Lancaster Lt. & Pwr. Co.)
D L 3 25

**PLYMOUTH,** 3,094—Munic. Wtr., Lt. & Pwr. Plant; cost $70,000.
Water & Lt. Board { *Pres. & Mgr. W. Thurman,
J. F. Goelzer........Plymouth
Sec. Chas. Volquartz.. "
Treas. G. F. Kegler .. "
*¶ Supt. & Engr. Pwr. Sta.
P. J. Douglas................... "
3 a. c. Allis C. tot. 375 kw; 2 d. c. arcs G. E. tot. 100 lt; 2300 v. 3 ph. 60 cys; 71 transf. West. Packard, Duncan tot. 275 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; 560 hp. e. Allis-C, Stow; 300 hp. b. Milw.
69 city arcs G. E. magn. 4 amp. $60 per yr; all nt; coal $4.28.
D L S 3 23

**PORTAGE,** 5,440—Portage Elec. Lt. & Pwr. Co.; cap. outstg. $35,000; bds. $75,000.
*Pres. & Mgr. F. Woodmansee
1048 F. N. B. Bldg., Chicago, Ill.
V. Pres. H. Hermann
1048 F. N. B. Bldg., " "
Sec. & Treas. C. J. Davidson
1048 F. N. B. Bldg., " "
Supt. F. M. Nourse...............Portage
a. c. day & nt. ltg. cir. 110 v. Energy purchased from Southern Wis. Pwr. Co.
City cont. 70 arcs W. E. 6.6 amp. $70 per yr; 45 Mazdas 80 c. p. $30 per yr; all nt; coal $3.50.
C D L S 3 ✢ ★85

**PORT EDWARDS,** 758.—Edwards Lt. & Pwr. Co.; cap outstg. $5,000.
Pres. & Mgr. L. M. Alexander
Port Edwards
V. Pres. A. U. Marvion.........Neekoosa
*Sec. & Treas. C. A. Jasperson
Port Edwards
Ch. Engr. J. F. Carrigan... "
Energy purchased from Centralia Pulp & Wtr. Pwr. Co.; 3 transf. Allis-C. tot. 150 kva; 1 arc West. 15 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys. Aux. sta. 1 a. c. G. E. 100 kva. 2300 v. 3 ph. 60 cys; 150 h. p. wtr. wh. Platt.
City cont. 60 a. c. mult. incs. 60 w. moonlt. metered. Co. also lts. Nekoosa.
L W 3 16

**PORT WASHINGTON,** 3,792—Munic. Elec. Lt. Plant; cost $125,000.
*Supt. F. J. Russel.....Port Washington
2 a. c. Ft. W, G. E. tot. 225 kw. 2300-110 v. 3 ph. 60 cys; a. c. day cir. 110 v; 300 hp. e. Nord; 300 hp. b. Frmn.
21 city arcs; 57 incs. "C" 250 w. (20) and 100 w. (37); all nt; coal.
D L S 3 ✢ 16

**PRAIRIE-DU-CHIEN,** 3,149—Prairie City Elec. Co.; cap. outstg. $28,800.
Pres. C. Grelle..................
V. Pres. H. Otto.................. } Prairie-du-Chien
Sec. & Treas. A. Keiser........
*Supt. L. F. Haupt............... "
Ch. Engr. R. Shawley............ "
Engr. Pwr. Sta. L. Favre......... "
2 a. c. West. tot. 225 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a.c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 350 hp. e. Bates; Frost; 300 hp. b. Frost.
City cont. 11 arcs West. series 2000 c. p. $75 per yr; 90 incs. 100 c. p. $25 per. yr; 42 incs. series 200 w. $42.50 per yr; moonlt. all nt; coal $3.35.
D L S 1 3 ✢ 16

**PRAIRIE DU SAC,** 699—*Munic. Elec. Lt. Plant. (City purchased property of Wm. Albers.)
1 a. c. Northn. 40 kw. 220 v; day cir; 60 hp. e. Vilter; 80 hp. b. Racine.
City cont. 4 arcs 500 c. p. $48 per yr; 300 incs. 32 c. p. $6 per yr; moonlt. 11 P. M.; coal $930 per yr.
D L S X 34w

**PRESCOTT,** 936—River Falls Pwr. Co. Office, Hastings, Minn.; Gen. sta. at Clifton, Wisc. (Owns stock and property of the Hastings (Minn.) Elec. Lt. & Wtr. Pwr. Co.); cap. outstg. $75,000; no bds.
Pres. B. W. Utman................Hudson
V. Pres. John Heinen....Hastings, Minn.
Sec. Geo. B. Skoymo...River Falls "
¶Treas. & Mgr. P. E. Sievert,
Hastings, Minn
Local Mgr. H. F. Mercord.......Prescott
Supt. Ovhd. Distrbn.
W. C. Hathaway "
Engr. Pwr. Sta. Nels Utman..River Falls
2 a. c. Elec. Mch., Allis-C. tot. 780 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-2300 v. s. & 3 ph. 60 cys; 1000 hp. wtr. wh. Trump, Lef. Energy purchased from Wisconsin-Minnesota Lt. & Pwr. Co.; 8 transf. Maloney tot. 750 kw.
City cont. 52 nitro. lamps 100 c. p. $1 per mo. moonlt. midnt. (Sells energy in bulk to St. Paul Southern Elec. Ry. Co.)
D L W 1 3 ✢ ★26

**PRINCETON,** 1,269—*Princeton Elec. Lt. Dept. (Munic.); cost $13,000; bds. $5,000, 4 per cent.
Mgr. S. E. Mackowski.........Princeton
Engr. Pwr. Sta. Fred. Stern..... "
Asst. Engr. Pwr. Sta. A. Stern.. "
1 a. c. Warren 60 kw. 1100 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 85 hp. e. Sknr; 100 hp. b. U I. Wks; 27 hp. turb. (wtr.) Samson.

26 city arcs, 6.6 amp. $40 per yr; 12 incs. 50 c. p. $16.20 per yr; mdnt.
L S W 1 ✣ 33

***RACINE,** 38,002—Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**RANDOLPH,** 937 — Munic. Elec. Lt. Plant.
*Clerk J. O. Jones ............Randolph
2 d. c. West. tot. 145 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; —— hp. e. Ideal; —— hp. b. Frost Ames.
City cont. 6 arcs 3.5 amp. 42 incs. 32 c. p. moonlt; mdnt; coal.
C D L S ✣ 16

**RANDORN LAKE,** 408 — Randorn Lake Lt. & Pwr. Co.
*Owner, J. Kieffer........Randorn Lake
2 d. c. F. M. & Co. tot. 32½ kw. 115 v; d. c. nt. ltg. cir. 115 v; 34 hp. e. F. M. & Co.
City cont. —— Mazdas 100 w; 11 P. M.; kerosene, gasolene.
C G L 44†

**RED GRANITE,** 1,521—Neshkora Lt. & Pwr. Co. See Neshkora.
Local Mgr. L. C. Horton.....Red Granite
City cont. 40 Mazdas 200 w; midnt.
L 75

**REEDSBURG,** 2,615—Munic. Elec. Lt. & Wtr. Plant; cost $17,000.
*Gen. Supt. O. W. Burkett....Reedsburg
Ch. Engr. Jas. Malady........ "
2 a. c. Ft. W. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 420 hp. e. Ames, F. & S; 160 hp. b. Frost.
98 city tung. 100-250-500 c. p. all nt; coal $3.35.
D L S 3 25

**REEDSVILLE,** 550—Munic. Elec. Lt. Plant.
*Vil. Clerk, E. C. Cary.........Reedsville
Supt. Wm. Goodhue........... "
1 d. c. Northern 45 kw. 250 v; 60 hp. e. (gas) Columbus; 60 hp. gas producer Smith.
10 multiple d. c. city arcs; 3 city incs; midnt.
C G L 123†

**RHINELANDER,** 5,637—Rhinelander Lt. & Pwr. Co. (Consolidation of Rhinelander Ltg. Co. & Rhinelander Pwr. Co.)
*¶ Mgr. W. L. Rideout......Rhinelander
3 a. c. Bull. tot. 1200 kw. 11,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 118-236 v.: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 2100 hp. turb. Dayton, Globe.
City cont. 83 series arcs enc. 6.6 amp. $72 per yr; all nt.
D L W 3 ✣ ★16

**RIB LAKE,** 1,018 — Munic. Elec. Lt. Plant; cost $8,000.
Pres. Stephen A. Konz...........Rib Lake
Clerk, J. Steffeck................. "
Treas. F. Bailey................... "
*Mgr. A. Pertmer................. "
1 a. c. West. 6 kw. 2200-220-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Ridg; 100 hp. b. Frost.
21 city arcs $105 per yr; 1200 city incs. 16 c. p. 10 cts. per kw; midnt; wood $2.25.
L S 1 25

**RICE LAKE,** 8,968—Red Cedar Valley Elec. Co. (Co. operates Munic. Elec. Lt. Plant); cap. outstg. $120,000; no bds.
Pres. Jas. Robbins.............Rice Lake
V. Pres. Oscar Hooey........... "
Sec. A. G. Strand.............. "
Treas. W. A. Demers........... "
*¶ Mgr. Louis Dunneboil....... "
4 a. c. G. E. tot. 570 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt mo. cir. 110-220 v. 3 ph. 60 cys; 225 hp. e. (oil) Busch-Diesel; 575 hp. turb. (wtr.) Leffel.
City cont. 350 mult. Tung. 40 w. $6.84 per yr; 34 5-lt. ornamental clusters 840 w. $45.60 per post per yr. all nt: oil 3.3 cts. per gal. (Co. also lts. Cameron and Barron.)
D G L W 3 ✣ 16

**RICHLAND CENTER,** 2,652—Munic. Elec. Lt. & Wtr. Plant; cost $30,000; bds. $9,000.
Mayor, D. E. Smith.....Richland Centre
*¶ Supt. R. H. Strang........ "
Ch. Engr. Herman Burdick "
2 a. c. G. E. tot. 250 kw. 1100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. Rus, Nordberg; 375 hp. b. Frmn.
25 city arcs A. B. 450 w; 55 incs. "C" series 250 & 400 w; moonlt. mdnt; coal, $3.10.
D L S 3 ✣ 16

**RIO,** 704—Elec. Lt. Plant.
Owner Bert H. Shew ..................Rio
1 a. c. Warren 60 kw. —— v. s. ph. 133 cys; no day cir; 65 hp. e. Phœnix; 65 hp. b. Klunert.
City cont. 8 arcs A. B; 7 incs. "C"; moonlt. 11 P. M; coal $4.35.
L S 1 ✣ 16

**RIPON,** 3,739—Ripon Lt. & Wtr. Co.; (Consol. Ripon Wtr. Co. and Ripon Ltg. Co.); cap. auth. & pd. in $100,000, 6 p.c. div.; bds. auth. $150,000, issued $100,000, 5 p. c. int.
Pres. C. Haseltine..................Ripon
V. Pres. J. W. Wright............. "
*¶ Sec., Treas., Mgr. & Cont. Agt.
W. E. Haseltine................. "
Ch. Engr. & Elecn. Al Guenther... "
2 a. c. West. tot. 225 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 375 hp. e. L. & B., H. F. & M.; 375 kw. stm. turb. West; 450 hp. b. Frmn., Bates.
City cont. 121 series Mazdas 250 w. $35 per yr; 12 mult. Mazdas 250 w. $39 per yr; mdnt; coal $3.25. (Co. also supplies energy at 6600 v. 3 ph. to Green Lake Elec. Co., Green Lake, Wis.)
D L S 3 ✣ 125

**RIVER FALLS,** 1,991—Munic. Elec. Lt. Plant; cost $60,000; bds. $11,000.
Mayor, A. W. Stiles...........River Falls
Pres. Bd. Oley Ostness....... " "
Clerk, F. V. Williams......... " "
*Supt. E. E. Buck............ " "
2 a.c. G. E. tot. 250 kw. 2300 v. 2 ph. 60 cys; 2 rect. G. E. tot. 100 lts; a. c. day & nt. ltg. cir. 110 v; a.c. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 20 hp. e. (gas) F. M. & Co; 475 hp. turb. (wtr.) Smith.
52 city luminous arcs (22) magn. and (30) carbon) 12 lts. all nt. & 40 lts. midnt.)
D G L W 1 2 ✣ ★16

**ROME,** 320—Bark River Elec. Lt. & Pwr. Co; cap. $14,600; cost $29,000; bds. $7,500.
Pres. & Audr. L. F. Snyder.........Rome
V. Pres. H. H. Lepper..Menominee Falls
*¶ Sec. & Mgr.
A. A. Lepper.........................Rome
Treas. Dr. T. G. Parker............. "
Engr. Pwr. Sta. Geo. Brown......... "
2 a. c. W. E. tot. 150 kw. 2300 v. 3 ph. 60 cys; 4 d. c. W. E. tot. 62 kw. 125 v; a. c. nt. (11 P. M.) mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. ltg. & mo. cir. 120 v; 125 hp. e. (reserve); 150 hp. wtr. wh. Trump.
City cont. 25 tung. 100 w. $20 per yr; 11 P. M. & Saturday to 1 A. M. (Co. also lts. Sullivan.)
C D L S W 3 ✣ 25

**ST. CROIX FALLS**, 569—St. Croix Falls-Wisconsin Improvement Co. Office, 15 So. Fifth St., Minneapolis, Minn. Sub-sta. at Osceola. (Subsidiary of Minneapolis Gen. Elec. Co.)
Pres. Arthur S. Huey........Chicago, Ill.
V. Pres. Otto E. Osthoff..... " "
Sec. M. A. Morrison......... " "
Treas. & Audr. H. R. Frost.
Minneapolis, Minn.
Mgr. R. F. Pack.......... " "
¶Pur. Agt. D. R. Blaicher " "
Gen. Supt. L. D. Smith.. " "
Ch. Engr. G. L. Mitchell. " "
Engr. Pwr. Sta. S. S. Robinson
St. Croix Falls

6 a. c. West. G. E. tot. 15,000 kw. 2300 v. 3 ph. 60 cys; 1 rect G. E. 15 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 2300 v. 3 ph. 60 cys; 25,200 hp. turb. (wtr.) Platt, W. S. M; trans. 60,000 v. 3 ph. 60 cys.

City cont. 4 arcs; 81 incs; all nt. (also lts. Osceola and Dresser Jct.)

D N W 3 25

**SAUK CITY**, 867—Munic. Elec. Lt. Plant; cost $17,245.60; bds. $14,500.
*¶ Mgr. & Cont. Agt.
A. R. Kahn ....................Sauk City

Purchases energy from Wisconsin River Pwr. Co., 18 transf. West. Packard tot. 165 kw; a. c. day & nt ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys.

84 incs. 6.6 amp. 100 c. p. tot. $1200 per yr; mdnt.

D L 1 3 ✠ 16

**SAXON**, 300—Elec. Lt. Plant. (Owned by Moutreal River Lumber Co. of Buffalo, N. Y.)

1 d. c. Triumph 35 kw. 125 v; d. c. day & nt. ltg. cir. 120 v; 50 hp. e. —; 300 hp. b—.

City cont. 300 Mazdas; wood.

C D L S ★16

**SCANDINAVIA**, 355—W. A. Proctor Elec. Lt. Plant.
*Owner, W. A. Proctor......Scandinavia

1 a. c. Ft. W. 50 kw. 2300 v. 3 ph. 60 cys. (operated s. ph.); a. c. nt. ltg. cir. 110 v. 60 cys; —hp. turb. (wtr.) Brown, Samson.

City cont. 10 arcs; moonlt; mdnt.

L S W 1 3 75

**SEYMOUR**, 1,109—Elec. Lt. & Pwr. Plant; cost $12,000.
*Owner & Mgr. S. D. Newell.... Seymour
Ch. Engr. C. A. Newell......... "
Ch. Elecn. J. S. Newell......... "

2 a. c. Warren tot. 110 kw. 2200 v. s. ph. 133 cys; a. c. day & nt. ltg. & mo. cir. 110 v; 85 hp. e. Buffalo; 100 hp. b. Nagle.

City cont. 38 incs. "C" 400-750 c. p. $22-$50 per yr; moonlt. mdnt; coal $4.55.

D L S 1 ✠ 25

**SHAWANO**, 2,923—Munic. Wtr. & Elec. Lt. Plant; bds. $15,000.
Mayor, Dr. B. Boyer.............Shawano
Treas. Louis Schussman....... "
*Supt. & Ch. Engr.
Paul E. Capraro.............. "
¶ Pur. Agt. D. E. Wescott........ "
Engr. Pwr. Sta. Henry Katers.. "

2 a.c. Allis C. G. E. tot. 275 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. day & nt. mo. cir. 115-230 v. 3 ph 60 cys; 250 hp. e. Ridg, Minpl; 500 hp. b. Bab. & W, Stir.

22 city arcs G. E. 400 c. p. $60 per yr; 80 nitrogen incs. 400 c. p. $60 per yr; per 100 c. p; moonlt; coal $3.25. (Co. also lts. West Shawano & Richmond.)

D L S 3.................... 16

**SHEBOYGAN**, 26,398—Sheboygan Ry. & Elec. Co. (Controlled by Sheboygan Lt., Pwr. & Ry. Co.) (Leases Mil. & Fox Riv. Valley Ry. Co.); cap. $605,000; bds. $1,205,000.
Pres. Peter Reiss...............Sheboygan
V. Pres. John R. Reiss. ...... "
Sec. & Treas. A. Westermeyer... "
*Mgr. Edw. Hammett......... "
Elec. Engr. Carroll H. Shaw.. "
Engr. Pwr. Sta. L. P. Fessenden "

3 a.c. Stan. tot. 1300 kw. 2300-112 v. 2 ph. 60 cys; 3 d. c. Stan. tot. 650 kw. 550 v; a. c. day & nt. ltg. cir. 112 v. 60 cys; a. c. mo. cir. 112 v. 60 cys; d c. pwr. cir. 575 v; 2250 hp. e. Allis C, West; 1000 hp. b. Stir; 150 kw. hr. bat. Chlo. Accr. E. S. B; trans. 12,000 v.

City cont. 209 arcs 480 w. $68 per yr; all nt; coal $3. (Also serves Elkhart Lake.)

C D R S 2 ✠ 25

**SHEBOYGAN FALLS**, 1,630—Falls Lt. & Pwr. Co.; cap. $12,000.
*Pres O. B. Weisse......Sheboygan Falls
V. Pres. E. S. Weisse.... " "
¶ Sec. Treas. & Mgr.
John Van Ouwerkerk.. " "
Supt. Ch. Engr. & Elecn.
Adolph Sylvester...... " "

2 d. c. Ft. W. Northern, tot. 90 kw. 220 v; 1 arc T. H. 50 lt; d. c. day & nt. ltg. & mo. cir. 220 v; 200 hp. e. Ball, Flemng; 300 hp. b. Optenberg.

City cont. 29 enc. arcs A. B. 6.6 amp. $45 per yr; moonlt; coal $4.10. (City voted to purchase this plant.)

C D L S ✠ 16

**SHELL LAKE**, 902 -- Munic. Elec. Lt. Plant.
Vil. Pres. Wm. Heisterkamp..Shell Lake
Vil. Clerk, S. G. Swanson..... "
Engrs. Pwr. Sta. { Ole Larsen...... "
{ Geo. Bohn...... "

1 a. c. G. E. 60 kw. s. ph. 133 cys; a. c. nt. ltg. cir; 175 hp. e. Porter-Allen; 160 hp. b. ——

15 city arcs; all nt; coal.

L S 1 ★16

**SHULLSBURG**, 1,063—Interstate Lt. & Pwr. Co. See Galena, Ill.

**SOLDIERS GROVE**, 667 — Soldiers Grove Elec. Co.; no bds.
Pres. R. L. Smith.........Soldiers Grove
Sec. & Treas. C. A. Peterson " "
*¶ Mgr. Ch. Engr. &
Engr. Pwr. Sta.
Thos. O. Sime...... " "

1 d. c. Sprague 75 kw. 250 v; d. c. nt. ltg. cir. 110 v; 45 hp. e. Atlas; 110 hp. b. Case; 100 hp. turb. (wtr.) Samson.

City cont. 49 Mazdas 60 w. $12 per yr; 11 P. M; coal.

C L S W ✠ 16

**SOMERSET**, 428—St. Croix Pwr. Co. (Controlled by the American Lt. & Trac. Co., 40 Wall St.. New York, N. Y.)
Pres. A. P. Lathrop
40 Wall St., New York, N. Y.
V. Pres. & Mgr. Paul Doty. St. Paul, Minn.
Sec. & Treas. J. P. Crowley " "
Gen. Supt. Fred A. Otto.... " "
*Supt. John Pearson..............Somerset

4 a. c. G. E. tot. 3000 kw. 600 v. 3 ph. 60 cys; 5600 hp. turb. (wtr.) S. & B.

(Co. furnishes energy to St. Paul Gas Lt. Co., St. Paul, Minn.)

T W 3 16

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Apple River Pwr. Co. (Owned and operated by Consumers Pwr. Co., Stillwater, Minn.)

4 a. c. Nat'l tot. 975 kw 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 106-110 v; a. c. day & nt. mo. cir. 220 v; 1600 hp. wtr. wh. McC., American; 26,000 v. 3 ph. 60 cys. trans. line to Stillwater, Minn.

City cont. 9 inc. 60 w.

D N W 3 25

**SOUTH MILWAUKEE**, 6,092—Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**SOUTH WAYNE,** 475 — Munic. Elec. Lt. Plant.
*Pres. Bd. E. J. McKnight..South Wayne
Supt. H. J. Heal........... "
1 d. c. Northn. 20 kw. 250 v; d. c. nt. ltg. cir. 220 v; 25 hp. e. (gas) I. H. C.
City cont. 17 incs. 16 & 32 c. p; moonlt. 11 P. M; gasoline.
C G L 16

**SPARTA,** 3,973—*O. I. Newton's Sons Co. (Elec. Lt. Plant); cap. $50,000; bds. $42,000.
¶ Pres. & Mgr. G. M. Newton....Sparta
Engrs. Pwr. Sta. Louis Berg................ "
Engrs. Pwr. Sta. Frank Snell..............Angelo
Engrs. Pwr. Sta. Paul Winterfield......... "
2 a. c. G. E. tot. 350 kw. 2300 v. 3 ph. 60 cys; 2 d.c. rect. G. E. tot. 100 lt; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 125 hp. e. Erie; 485 hp. (wtr.) Leffel; 150 hp. b. Burns.
City cont. 85 arcs magn. lumn. 4 amp. $53.33 per yr; coal $5.40.
D L S W 3 ✢ 95†

**SPOONER,** 1,453—Munic. Wtr. & Lt. Plant; cost $6,000.
Mayor, F. Hammill ................Spooner
City Clerk, J. B. Sage.............. "
*Supt. & Ch. Elecn.
A. M. Buckston................. "
2 a. c. Elec. Mch. tot. 111 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 119 v; a. c. day mo. cir. 2300 v; 120 hp. turb. (wtr.) Smith.
4 City incs. "C" 500 w; 60 city tung. 100 w.
D L W 3 ★105†

**SPRING GREEN,** 730—Munic. Elec. Lt. Plant; cost $6,000; bds. $6,000, 5 p. c. int.
Village Pres. E. G. Hood...Spring Green
Sec. Wm. Hathaway........ "
Treas. R. H. Reeley........ "
*Supt. & Engr. Pwr. Sta.
A. C. Pope................ "
1 a. c. Ft. W. 75 kw. 110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 85 hp. e. Taylor; 200 hp. b. Lyons, Kew.
53 city Mazdas 60 c p. 6.6 amp. tot. $125 per mo; moonlt; mdnt; coal $3.25.
L S 1 ✢ 85

**SPRING VALLEY,** 972 — Wisconsin-Minnesota Lt. & Pwr. Co. See Eau Claire.
City cont. 18 arcs 660 watt. $60 per yr; 7 carbon & tung. 60 w. $12 per yr; moonlt; coal $3.85.
L ✢ 16

**STANLEY,** 2,675—North Western Lumber Co.
Pres. J. T. Barber.............Eau Claire
V. Pres. & Treas. S. G. Moon... "
¶ Sec. C. D. Moon........... . "
*Mgr. Geo H. Chapman.........Stanley
Supt. G. D. Hill.................... "
Ch. Engr. Frank Bullock......... "
2 a. c. West. tot. 180 kw. 1100-100 v. 2 ph. 60 cys; 200 hp. e. Bckye; 300 hp. b. Brnl.
City cont. 26 arcs 2000 c. p. $80 per yr; all nt.
L S 2 ✢ 125

**STEVENS POINT**, 8,692 — Stevens Point Ltg. Co.; cap. $100,000; bds. auth. $125,000, 5 p. c. int.
Pres. Wm. Mainland............Oshkosh
Sec. St. Claire Mainland........ "
*Mgr. James Mainland.....Stevens Point
Purchases energy from Stevens Point Pwr. Co. 3 ph. 60 cys; a. c. day cir. 104 v
City cont. 83 arcs 7.5 amp. $78 per yr; moonlt.
D L 3 ✢ 85a

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Stevens Point Pwr. Co. For officers see Stevens Point Ltg. Co.
2 a. c. Nat'l Stan tot. 450 kw. 6600-1150 v. 3 ph. 60 cys; 550 hp. turb (wtr.) Leffel. (Supplies energy in bulk to Stevens Point Ltg. Co.)
T W 3 85a

**STOUGHTON,** 4,761 — Munic. Elec. Plant. Cost $90,000; bds. $34,450.
Mayor, Dr. W. G. Pargeter....Stoughton
Treas. C. A. Hanson............ "
City Clerk, L. C. Courier...... "
*Gen. Supt. C. M. Osterheld... "
Engr. Pwr. Sta. H. Ausse...... "
Asst. Engr. John Gullickson .. "
4 a. c. G. E, Ft. W, C-W. tot. 390 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104-208 v. 60 cys; a. c. day & nt. mo. cir. 208 v. s. & 3 ph. 60 cys; 150 hp. turb. (stm.) De Laval; 540 hp. turb. (wtr.) Smith; 150 hp. b. Standard.
69 city arcs a. c. series 6.6 amp. $60 per yr; 10 series incs. 75 w. $12 per yr; moonlt; 12.30 A. M; coal $3.50.
D L S W 1 3 ★125

**STRATFORD,** 763—R. Connor Co.
*Mgr. W. F. Goetz...............Stratford
1 d. c. Ft. W. 40 kw. 125 v; d. c. nt. ltg. cir. 115 v; 87 hp. e. McE; 160 hp. b. ——.
City cont. 6 enc. arcs A. B. moonlt; 3 A. M. (wood).
C L S 25

**STURGEON BAY,** 4,262—Munic. Lt., Wtr. & Ht. Plant; cost $55,000.
*¶ Mgr. Jas. E. Johnson....Sturgeon Bay
2 a. c. W. E. tot. 210 kw. 2300-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 2 ph. 60 cys; 375 hp. e. Erie; 375 hp. b. Erie.
42 city arcs 2000 c.p. $85 per yr; 40 Tung. 100 w; moonlt. all nt; coal $4.
D L S 1 2 25

**SUN PRAIRIE,** 1,119 — Munic. Elec. Lt. & Wtr. Plant; cost $21,500.
*Vil. Pres. F. H. Haberman...Sun Prairie
Supt. Henry Ellingsen........ "
Engr. Pwr. Sta. A. Broome... "
1 d. c. Allis-C. 100 kw. 225 v; d. c. day & nt. ltg. & mo. cir. 220 v; 150 hp. e. Allis-C; 125 hp. b. Mil; 240 amp. 220 v. stor. bat. E. S. B.
65 Tung. 60 & 250 w. $100 per mo; moonlt, mdnt; coal $4.10.
C D L S ✢ 23

**SUPERIOR,** 45,000—Superior Wtr., Lt. & Pwr. Co.; cap. $1,250,000; bds. $2,000,000.
Pres. Thos. B. Scott.......Burkeville, Va.
V. Pres. & Gen. Mgr.
W. H. Winslow................Superior
¶ Sec. C. D. Se Cheverell......... "
Treas. A. N. Anderberg......... "
*Gen. Supt. W. C. Lounsbury... "
Supt. Elecl. Dept. P. C. Miller.. "
Engr. Pwr. Sta. C. Bergland.... "
Purchases energy from Great Northern Pwr. Co. 13,000 v. 25 cys; 3 mo. gen. G. E. tot. 2000 kw. 2300-102 v. 3 ph. 60 cys; 1 a.c. West. 1500 kw. turbo gen. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v: a. c. mo. cir. 220-110 v: d. c. pwr. cir. 500 v; 1350 hp. e. Allis-C, Bckye; 1500 hp. b. Bab. & W, Butman, Stir.
City cont. 203 arcs a. c. series 7.5 amp. $58 per yr; 182 Mazdas 250 & 350 c. p; all nt. (City of Superior includes Superior, South and West Superior and Itasca.)
C D L S 3 ✢ ★16

**THERESA,,** 345—Theresa Elec. Lt. & Pwr. Co. Power plant at Mayville; cap. $5,500; no bds.
Pres. Fred Jung..................Theresa
V. Pres. Wm. A. Justman........ "
*Sec. Hilary Haessly............. "
Treas. Henry Fellenz............ "
Energy purchased from N. W. Elec. Lt. & Pwr. Co.; 8 transf. West; a. c. day & nt. ltg. cir. 110 v. 60 cys.

City cont. 16 incs. 100 w. $20 per yr; midnt.
D L 1 ★16

**THIENSVILLE,** 250—*Elec. Lt. Plant.
Owners, Liebscher & Schaefer. Thienville

1 d. c. mech. app. 15 kw. 150 v; 1 booster 80 amp. 100 v; 160 amp. hr. sto. bat. Milwaukee; d. c. day & nt. ltg. cir. 110 v; — hp. turb. (wtr.) Lef; 27 hp. e. (gas) Gilson in reserve.

City cont. 9 Mazdas 60 w. 10 P. M.
C D G L W 44†

**THORP,** 741—Munic. Elec. Lt. Plant; cost $13,000.
*Pres. Bd. W. S. Parks............Thorp
Treas. E. R. Wiley.................. "
¶ Pur. Agt. W. E. Barrett......... "
Supt. & Engr. Pwr. Sta.
Herman Stracker.................. "

1 d. c. W. E. 60 kw. 220 v; d. c. nt. ltg. cir. 220 v; 100 hp. e. Erie; 185 hp. b. Erie.

24 city arcs W. E. 2000 c. p. $65 per yr; moonlt; wood $3.25; coal $5.
C L S ✠ ★26

**TOMAH,** 3,419—Tomah Elec. & Telephone Co.
Pres. & Treas. Hervey A. Lightner. Tomah
V. Pres. Wm. R. McCaul........... "
*Sec. Wm. H. Roberts.......Chicago, Ill.
¶ Mgr. I. G. Corrigan ............Tomah
Supt. E. E. Schwerer .... ........ "

Purchase power from the C. A. Goodyear Lumber Co.; 1 d. c. arc T. H. 25 lt; 1 a. c. West. 102 kw. 1100-104 v. 3 ph. 60 cys: no day cir; 120 hp. e. Bckye; 160 hp. b.

City cont. 57 arcs 2000 c. p. $54 per yr; moonlt; wood.
L S 3 ✠ 44

**TOMAHAWK,** 2,907—Tomahawk Lt., Tel. & Imp. Co. 2 gen. stas.; cap. auth. $32,000; no bds.
*¶ Pres. Treas. Mgr. Con. Agt.
& Ch. Engr. V. E. Extrom..Tomahawk
V. Pres. Andrew Oelhofer..... "
Sec. F. P. Werner............. "
Engr. Pwr. Sta. Frank Gane... "

2 a. c. Triumph tot. 275 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Skinr; 150 hp. b. T. Steel & Iron Wks. 300 hp. wtr. wh. Lef.

City cont. 25 tung. 400 w. $55 per yr; moonlt.; wood $2.50 to $3.50.
D L S W 1 3 ✠ ★16

**TWO RIVERS,** 4,850—Munic. Wtr. & Lt. Plant; cost $70,211,79: bds. $49.000.
Pres. of Comrs. Wm. P. Kohlenberg
Two Rivers
*Supt. & Ch. Engr.
Geo. H. Wehausen.......... "

3 a. c. Ft. W, West. Allis-C. tot. 250 kw. 2300 v. 3 ph. 60 cys; 2 arcs Ft. W. tot. 70 lts. 6.6 amp. 45 transf; a.c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 160 hp. e. Nord. Am; 125 hp. stm, turb. Kew; 250 hp. b. Ft. W.

15 city arcs 2000 c. p. $45 per yr; 48 incs. 250 c. p; moonlt; coal $3.
D L S 3 ✠ 25

**UNION GROVE,** 616—Union Grove Elec. Co.
Prop. Wm. Hardy..........Union Grove
*Engr. Pwr. Sta.,
Wm. G. Roberts.......... "

2 d. c. Ideal tot. 40 kw. 220-250 v; d. c. day & nt. ltg. & mo. cir. 220 v; 120 amp. hr. 220 v. stor. bat. U. S. L.; 55 hp. e. Venn S.

City cont. 39 incs. 150 w. $30 per yr. 11 P. M., moonlt; oil 3½ cts. per gal.
C D G L ✠ §115

**VIOLA,** 432—Viola Elec. Co. (Owned by Wagner & Grear); cost $25,000.
*Mgr. H. R. Wagner................Viola

1 a. c. Allis-C. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. (19 hrs.) ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 190 hp. turb. (wtr.) Dayton.

City cont. 54 Mazdas "C" 6.6 amp. $20 per yr; moonlt.
D L W 3 ✠ ★16

**VIROQUA,** 2,059—Viroqua Elec. Lt. Co.
*Pres. Harrison A. Smith,
31 Vionian Bldg., Madison
V. Pres. & Mgr. Abe Balsely....Viroqua
Sec. & Treas. K. B. Smith.......Madison
Ch. Engr. Guy de Garnio........Viroqua

2 a. c. G. E. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 200 hp. e. Vil; 150 hp. b. Erie; 150 hp. e. (gas) Rath. J; 150 hp. gas pro. Smith.

City cont. 121 incs. 60 c. p. 6.6 amps. $21 per yr; 22 incs. 400 c. p. 6.6 amp. $48 per yr; mdnt; coal $4.50.
G L S 3 ✠ ★16

**WALWORTH,** 755—Walworth Ltg. Plant. A subsidiary of Middle West Utilities Co.
Engr. Louis Dietrich ..........Walworth

1 a. c. Natl. 100 kw. 2200 v. 2 ph. 60 cys; 2 d. c. West. tot. 450 kw. 500 v; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200 v. s. ph. 60 cys; d. c. day & nt. ltg. cir. 550 v; 950 hp. e. Prov. St. Louis, Ball; 800 hp. b. Mur. Heine.

City cont. 108 incs. "C" 80 c. p. mdnt; coal $2.65. (Trans. to Fontana.)
C D L S 1 2 16

**WARRENS,** 300 — Geo. Warren Co. (Elec. Lt. Plant.); cap. auth. & pd. in $300,000; no bds.
Pres. & Mgr. F. R. Barber.......Warrens
V. Pres. R. A. Jones....Black River Falls
*Sec. & Supt. J. D. Calton.......Warrens

2 d. c. Benton, G. E. tot. 50 kw. 220 v; no day cir; 80 hp. e. Erie, Sparta; 100 hp. b.; 50 hp. e. (gas) F. M. & Co., F. & J.

11 P. M. & 5 A. M. to sunrise; coal.
C G L S ✠ ★125

**WASHBURN,** 3,830—Washburn Elec. Lt. & Pwr. Co.; cap. $20,000; no bds.
Pres. M. A. Sprague...........Washburn
V. Pres. M. H. Sprague......... "
Sec. L. N. Clausen.............. "
*¶ Treas. & Mgr. F. W. Downs.. "

Purchases energy from Ashland Lt., Pwr. & St. Ry. 15,000-2300-1150-110 v. 3 ph. 60 cys; 6 transf. Ft. W. G. E. tot. 600 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-2300 v. s. & 3 ph. 60 cys.
D L 1 3 ✠ 16

**WATERFORD,** 581—Milwaukee Lt., Ht. & Trac. Co. For officers see Milwaukee.

a. c. day & nt. ltg. cir. 120 v. 25 cys; a. c. day & nt. mo. cir. 240 v. 3 ph. 25 cys.

City cont. 38 Mazdas 80 w. $25.80 per yr; 6 Mazdas 250 w. $51.60 per yr; all nt.
D L 3 ✠ 45

**WATERLOO,** 1,220—Munic. Wtr. & Lt. Comm; cost $20,000; bds. $4,000.
Pres. Bd. F. M. Werner........Waterloo
*¶ Sec. F. E. Peschel........... "
Treas. Geo. Q. Ames........... "
Mgr. Alex. Archie.............. "
Ch. Engr Pwr. Sta.
E. U. Porter.................. "

1 a. c. Ft. W. 125 kw. 110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v; 125 hp. e. Allis C; 125 hp. b. Erie, Ames.

City cont. 90 city tung. 150 w. $24 per yr. (85) 400 w. $60 per yr. (3) and 250 w. $36 per yr. (2); all nt.; coal $3.55.
D L S 3 ✠ ★16

**WATERTOWN,** 8,829—Wisconsin Gas & Elec. Co. For executive officers, see Kenosha.

Mgr. A. C. Reuteler............Watertown
3 a. c. tot. 900 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys: a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 300 kw. turb. (wtr.) Allis-C. Purchases energy from the Milwaukee Lt., Ht. & Trac. Co.
City cont. 159 arcs, 4 amp. magnetite $60 per yr; 10 inc. 80 c. p. $30 per yr; moonlt. all nt.
D L S W 1 3 ✣ ★75w

**WAUKESHA**, 8,740 — Waukesha Gas & Elec. Co. (Controlled by the American Gas Co., Phila. Pa.); cap. $100,000; bds. $485,000.
Pres. A. J. Frame..............Waukesha
V. Pres. Morris W. Stroud
Philadelphia, Pa.
Sec. C. W. Newbury.........Waukesha
Treas. Jas. B. Townsend, 3rd,
Philadelphia, Pa.
Mgr. H. B. Atkin..............Waukesha
¶ Pur. Agt. F. D. Wharton
Philadelphia, Pa.
3 a. c. turbo gen. West. Parsons, tot. 3000 kw. 2300v. 3 ph. 60 cys; 1 arc G. E. 150 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220 v, 3 ph. 60 cys; 1180 hp. b. Stir; also stm. htg.
City cont. 118 arcs Ft. W. enc. 6.6 amp. 450 w. $74 per yr; 35 incs. 32 c. p. $18 per yr; all nt; coal.
D H L S 3 ✣ 85

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Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**WAUPACA**, 2,789—Waupaca Elec. Lt. & Ry. Co.; cap. $50,000; bds. $38,400.
*¶ Pres. & Gen. Mgr.
Irving P. Lord................Waupaca
V. Pres. H. E. Breit............ "
Sec. & Treas. G. B. Lord........ "
Ch. Elecn. B. H. Wilson........ "
Engr. Pwr. Sta.
Wm. C. Rasmussen.. "
1 d. c. ry. G. E. 150 kw. 500-550 v; 2 a. c. Ft. W. tot. 175 kw. 1040-100 v. s. ph. 140 cys; a. c. day & nt. ltg. cir. 100 v; a. c. mo. cir. 100 v; 165 hp. e. Erie; 210 hp. turb. (wtr.) Lef; 160 hp. b. Erie.
City cont. 30 "C" Mazdas 400 c. p. $76.32 per yr; all nt; coal $4.60.
C D R S W 1 ✣ 16

**WAUPUN**, 3,362 — Munic. Elec. Lt. Plant; cost $54,000; bds. $12,000.
*¶ Pur. Agt. J. E. Brinkerhoff...Waupun
Supt. & Ch. Elecn. A. J. Raube.. "
3 a. c. West, N. W. El. Mfg. Co. tot. 232 kva, 110 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 375 hp. e. Ide, Flem, Harrisbg; 300 hp. b. Frmn.
Moonlt; coal $4.55.
D L S 1 3 ✣ 44

**WAUSAU**, 16,560 — Wisconsin Valley Elec. Co. (Successor to Wausau St. R. R. Co.; which absorbed the Merrill Ry. & Ltg. Co.).
Pres. Neal Brown.............Wausau
V. Pres. C. C. Yawkey............ "
*Sec. Treas. & Mgr. M. C. Ewing.. "
Audr. Wm. Anderson............ "
Supt. Ovhd. Distr. R. B. Carter.... "
3 a. c. Natl, Allis-C. tot. 1600 kw. 220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 750 kw. stm. turb. G. E; 600 hp. b. Heine, 2800 kw. turb. (wtr.) Lef.
Coal $4.75. (Co. lts. Schofield and Rothschild and sells in bulk to Munic. plant.)
D R S W 1 3 ✣ 16†

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Munic. Ltg. System.
Mayor, John Ringle.............Wausau
City Treas. Henry Juers.........Wausau
*¶ Compt. H. E. Marquardt...... "
Supt. Paul E. Jedaunes........... "
Energy purchased from Wisconsin Valley Elec. Co; a. c. nt. ltg. cir. 76 v; a. c. day mo. cir. 550-220-110 v. 3 ph. 60 cys.
City cont. 281 city Mazdas series "C" 400 c.p. (123), 250 c. p. (44), 100 c.p. (25) 80 c.p. (24) and 60 c.p. (65); 915 city Mazdas "B" 40 w. (732) and 60 w. (183) 1.9 cts. per kwhr.
L 3 §16

**WAUWATOSA**, 3,346 — Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**WEST ALLIS**, 6,645 — Milwaukee Lt., Ht. & Trac. Co. See Milwaukee.

**WEST BEND**, 2,462—West Bend Htg. & Ltg. Co.; cap. $25,000; no bds; cost $150,000.
*¶ Pres. & Mgr.
G. Kuehlthan..............West Bend
V. Pres. C. Louis Kuehlthan... "
Sec. W. E. Kuehlthan......... "
Treas. & Ch. Engr.
Adam Kuehlthan............ "
3 a. c. West. tot. 750 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 220 v; 700 hp. e. Vil; 600 hp. b. Wickes; 150 hp. turb. (wtr.) Lef.
City cont. 209 tung. 80 c. p. 6.6 amp. $15 per yr. all nt; coal $3.15.
D L S W 3 16

**WESTBORO**, 1,173—Westboro Lumber Co.
Pres. Jos. Kaye ................Westboro
*V. Pres. & Gen. Mgr. J. J. Lingle "
Sec. & Treas. J. W. Kaye...... "
1 d. c. Keystone 37½ kw. 250 v. d. c. nt. ltg. cir. 220 v; —hp. e. Skinr; 150 hp. b. Frmn.
City cont. 1 arc; 12 inc. irregular; sawmill waste.
C L S 125

**WESTBY**, 902—Munic. Elec. Lt. Plant; cost $27,000; no bds. $20,000.
Pres. Bd. A. H. Dahl.............Westby
Clerk, O. L. Leum................ "
Treas. Adolph Sveen.............. "
*¶ Mgr. & Ch. Engr.
Earl D. Slach.................... "
Engr. Pwr. Sta. C. M. Prindle..... "
2 a. c. Elec. Mch. tot. 175 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. (11 P.M.) 110 v; 225 hp. e. Ide. Lom; 200 hp. b. Bros.
35 Mazdas "C" 60 c.p. $25 per yr; moonlt; coal $3.25. (Contemplate installing day & nt. service.)
L S 3 ★ ★16

**WESTFIELD**, 729—Westfield Milling & Elec. Lt. Co; cap. $30,000; no bds.
Pres. Emil Gordon.............Westfield
V. Pres. W. J. Russell......... "
*¶ Treas. Mgr. & Ch. Engr.
W. H. Moss................... "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. cir. 107 v; a. c. day & nt. mo. cir. 107 v. 3 ph. 60 cys; 120 hp. turb. (wtr.) Lef.
City cont. 23 arcs. W. E. 7 amp. $80 per yr; 4 tung. 6.6 amp. 100 c. p. $30 per yr; moonlt.; all nt; coal.
D L W 3 ✣ ★16

**WEST SALEM**, 840—Neshonoc Lt. & Pwr. Co.
*¶ Pres. & Mgr. E. C. Swarthout. La Crosse
Sec. Susan Swarthout.......... "
Treas. S. M. Swarthout......... "
Ch. Engr. H. F. Miller.......... "
Engr. Pwr. Sta.
Herman Hoffer.............West Salem
1 a. c. Elec. Mch. 90 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 150 hp. turb. (wtr.) Leffel.

City cont. 100 Mazdas 40 w. $15 per yr; all nt. (Also lts. Neshonoc.)
D L W 3 ✠ 75

**WEYAUWEGA,** 967 — Weyauwega Elec. Lt. Co. Office, Rm. 2. Algoma Bldg., Oshkosh. Cap. outsg. $30,000.
Pres. D. E. Reese................Appleton
V. Pres. F. T. M. McEnery.......Chicago
*¶ Sec. Treas. & Mgr.
G. W. Moody...............Weyauwega
Engr. Pwr. Sta. Harry Bublitz, "

1 a.c. Allis-C 135 kw. 2300 v. 3 ph; a.c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 150 hp. b. turb. (wtr.) Lef.

Citycont. 24 nitro incs. 300 w. $62.50 per yr; all nt.
D L W 1 3 ★125

**WHITEHALL,** 703—Munic. Elec. Lt. & Wtr. Wks.
*Mayor, R. H. Holton..........Whitehall
Clerk, George Larson........... "
Supt. W. H. Selek............. "

1 d.c. Ft. W. 60 kw. 220 v; d.c. nt. ltg. cir. 200 amp. 220 v; 100 hp. turb. (wtr.) Samson, Lef.

8 city arcs $30 per yr; 50 city incs. 60 c. p, 25 cts. per 16 c. p. per mo; moonlt.
C L W ✠ 123†

**WHITEWATER,** 3,224 — Whitewater Elec. Lt. Co.; cap. $60,000; no bds.
Pres. S. B. Way.................Milwaukee
V. Pres. E. E. Callender ...........Racine
Sec. & Treas. F. J. Boehm....Milwaukee
*Asst. Sec. C. J. Partridge...Whitewater
Engr. Pwr. Sta. W.H. Farnham "

3 a. c. Warren, West. tot. 300 kw. 2500-117 v. s. ph; a. c. day & nt. ltg. cir. 117 v; a. c. mo. cir. 117 v; 385 hp. e. Allis, Fleming; 275 hp. b. Freeman.

Head end cinders $1.
D L S 1 ✠ ★16

**WILD ROSE,** 551—Rose Milling Co.; cap. $10,000; no bds.
*Pres. Treas. & Mgr. E. H. Hoaglin Wild Rose
V. Pres. H. W. Hoaglin............Almond
Sec. F. L. Hoaglin.................Waupaca

1 a.c. Westg. 30 kw. 2300-110 v. s. ph. 60 cys; 65 hp. wtr. wh. Barnard.

City cont. 22 Mazdas 250 w. $39 per yr; 11 P. M. moonlt.
L W I ✠ 16

**WILTON,** 510—Wilton Lt. & Pwr. Co. cap. stk. $5,000; no bds.
*Pres., Mgr. & Engr. Pwr. Sta.
Geo. E. Manske....................Wilton
V. Pres. E. R. Mohus..................Elroy
Sec. & Treas. Louis Manske......Wilton

1 d. c. North. 25 kw. 220 v; d. c. day & nt. ltg. cir. 220 v; d. c. mo. cir. 220 v; 35 hp. turb. (wtr.) Lef; stor. bat. 10 amp. 220 v. E. S. B.

City cont. 23 Mazdas 48 c. p; moonlt.
C D L W ✠ 125

**WINNECONNE,** 940--Winneconne Ht., Lt. & Pwr. Co.; cap. $10,000; no bonds.
*Pres. & Mgr. Carl J. Mathison Winneconne
V. Pres. M. C. Mathison .......Mt. Horeb
Sec. & Treas. Mathis Mathison "
Ch. Engrs. (nt.) Richard Button "
(day) W.H. Hanneman "

2 d. c. Northn. West. tot. 70 kw. 110-220 v; d. c. day & nt. ltg. cir. 110 v; d. c. day & nt. mo. cir. 220 v; 110 hp. (gas) e. Foos. Nash; 100 hp. gas pro. Sharp Bassett.

City cont. 50 Tung. 60 w; moonlt; coal $5.30.
C D G L ★16

**WITHEE,** 443—Munic Elec. Lt. Plant. no bds.
Pres. Bd. R. Martin ................Withee
Treas. Chas. Berger.................. "
*Supt. Henry Sorensen............ "

1 d. c. com. 50 kw. 220 v; d. c. nt. ltg. & mo. cir. 220 v; 55 hp. e. C. & T; 60 hp. b. Howell.

City cont. 26 Mazdas 250 w. $32 per yr; moonlt; wood.
C L S ✠ ★16

**WITTENBERG,** 1,090 — Wittenberg Elec. Co. Pwr. sta. on Embarrass River; cap. outstg. $20,000; no bds.
*Pres. Treas. & Mgr.
Edmond L. Debot...........Wittenberg
Sec. Julia Debot............. "
Audr. Marie Debot.......... "
Engr. Pwr. Sta. Wm. Hansen "

8 a. c. Bull. Ft. W. Elec. Mch. tot. 234 kw. 2200 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v; 100 hp. e. Ames; 120 hp. b. Kew; 50 hp. e. (gas) Olds; 254 hp. wtr. wh. Leffel; (also stm. htg.).

City cont. 24 arcs A. B. $55 per yr; moonlt, 12 P. M.; wood $2.50. (Co. also lts. Eland and Elderon.)
G H L S W 1 3 ✠ 16

**WONEWOC,** 789—Munic. Elec. Lt. & Pwr. Plant.
Vil. Pres A. F. Stahnke.......Wonewoc
Clerk, J. E. Lawsha............ "
*Treas. Arthur Peters......... "
Supt. & Engr. Pwr. Sta.
E. Gunning ................ "

1 a. c. Ft. W. 75 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 83 hp. e. Vilter; 125 hp. b. Erie City.

City cont. 62 incs. series 50 & 100 w; moonlt; coal.
L S 3 44

## WYOMING.

**AFTON,** 570 — Afton Elec. Co.; cap. $9,560; no bds.
*¶Pres. Mgr. & Cont. Agt.
A. F. Burton.......................Afton
Sec. & Treas. J. H. Rackstraw..... "

Warren gen; no day cir; 120 hp. turb. (wtr.)

City cont. 8 arcs 25 incs. 16 c. p. tot. $300 per yr.
L W 16

**BASIN,** 763—Munic. Wtr., Lt. & Pwr. Plant. Cost $30,000; bds. $10,000.
*Supt. & Ch. Engr. G. B. Morrison..Basin
Asst. Engr. Don C. Loyer........... "

2 a. c. Warren, Ft. W. tot. 150 kw. 1100 v. s. & 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220-500 v. s. & 3 ph. 60 cys; 230 hp. e. Murray, Sknr; 235 hp. b. Murray.

City cont. 2 arcs. G. E. 5.5 amp. $120 per yr; all nt; coal $2.54.
D L S 1 3 ✠ 35

**BUFFALO,** 1,368 — Buffalo Mfg. Co.; (hydro-elec. sta. 4 miles from city); cap. outstg. $60,000; bds. $45,000.
Pres. F. G. S. Hesse..............Buffalo
V. Pres. H. P. Rothwell.......... "
*Sec., Treas., Mgr. & Ch. Engr.
Paul A. Rothwell................ "
Supt. M. W. Bell.................. "

2 a. c. West. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 650 hp. turb. (wtr.) Pelton; 100 hp. b. Kew.

City cont. 80 c. p. nitro. lts. $20.40 per yr. all nt.
D L W 1 3 ✠ 16

**CASPER,** 2,639—Natrona County Elec. Co.; cap. $100,000; no bds.
Pres. Patrick Sullivan..............Casper
Sec. W. S. Kimball................ "
Treas. C. K. Buckmun ............ "
*¶Gen. Mgr. J. A. Ward ........... "
Audr. M. L. McDonald............ "
Gen. Supt. H. M. Burnett .......... "
Engr. Pwr. Sta. U. R. Bunce...... "

3 a. c. W. E, Ft. W. tot. 850 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 112 v; a. c. day & nt. mo. cir. 110-220 v; 635 hp. e. Atlas, Erie; 300 hp. b. Atlas. (Also stm. htg.)

City cont. 137 Mazdas 100 w. $12 per yr; all nt; oil 1½ cts.

D H L S 3 ✣ 16

**CHEYENNE,** 11,320 — Cheyenne Lt., Fuel & Pwr. Co. 1704-6 Capitol Ave. (Owned and operated by The Western Lt. & Pwr. Co., Boulder, Col.); cap. $250,000; bds. $175,000, 5 p. c. int.
Pres. C. W. Burdick............Cheyenne
V. Pres. H. U. Wallace......Boulder, Col.
Sec. Hiram Sapp................Cheyenne
Cont. Agt. J. C. Hoyt.......... "
¶Pur. Agt. D. G. Guiney ....... "
*Local Mgr. C. A. Semrad...... "
Engr. Pwr. Sta. Z. J. Parris.... "

5 d.c. G. E. tot. 860 kw. 550-220-110 v; 5 a. c. G. E. West. tot. 1460 kw. 2300 v. 3 ph. 60 cys; 2 rect. G. E. tot. 150 lt; a. c. day & nt. ltg. cir. 112-114 v; d. c. day & nt. ltg cir. 115-120 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day & nt. mo. cir. 230 v; 1750 hp. e. Allis-C, Ideal, Chuse, Murray, Ball; 1660 hp. b. Bab. & W, Franklin; also stm. htg.

City cont. 150 arcs d. c. series 4 amp. 350 w. $60 per yr; 185-5 lt. posts (4-25 & 1-40 w.) $35 per yr; all nt; coal. (Co. sells energy to Cheyenne Elec. Ry. Co.)

C D H L S 3 ✣ ★16

**CODY,** 1,132—Shoshone Elec. Lt. & Pwr. Co.; cap. $30,000; bds. $10,000.
Pres. & Mgr. Geo. T. Beck..........Cody
*¶V. Pres. & Supt. D. A. Tinkcom.. "
Sec. & Treas. D. S. Beck............ "
Mgr. Geo T. Beck.................. "
Ch. Engr. A. S. McClain............ "

2 a. c. West. tot. 340 kw. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-440-220-110 v. s. & 3 ph. 60 cys; 550 hp. turb. (wtr.) Lef.

City cont. 35 arcs 6.6 amp $96 per yr; 20 incs. 32 c. p. free; all nt.

D L W 1 3 ✣ 16

**COWLEY,** 870—Cowley Elec. Lt. Co.
Pres. & Supt. David Lewis........Cowley
V. Pres. Jas. S. Tebbs............ "
*Sec. & Mgr. C. S. Vaterlans..... "
Treas. C. B. Mann................ "

1 a. c. G. E. 90 kw. 2300 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110-112 v. 60 cys; 60 hp. e. case; 60 hp. b. case.

City cont. 20 Mazdas; 150 w. $6 per yr. mdnt; coal $2.65.

L S 1 ★16

**CUMBERLAND,** 1,000—Union Pacific Coal Co. (Gen. stas. at Cumberland, Hanna and Rock Springs.)
V. Pres. & Gen. Mgr. F. A. Manley Omaha, Neb.
Asst. Gen. Mgr. W. D. Brennan, Cheyenne
¶ Pur. Agt. W. K. Lee.......... "
*Supt. J. M. Faddies ........Cumberland
Ch. Engr. Frank O'Connell "

2 a. c. G. E. tot, 200 kw. 2300-105 v. 3 ph. 60 cys; pwr. cir. 2300 v; 250 hp. e. Allis; 2000 hp. b. Bab. & W.

City cont. 5 arcs Westg. 3½ w. 50 cts., 75 cts. and $1.25 per nt; 15 cts. per kw. hr; coal. (Also lts. Hanna, Rock Springs and Reliance.)

L S 3 25

**DAYTON,** 313—Munic. Elec. Lt. Plant.
Treas. Ralph Veach ...............Dayton
City Clerk, E. A. Gerber........... "
*Ch. Engr. Pwr. Sta.
Chas. F. Gregory............... "

1 d. c. West. 17 kw. 125 v; d. c. nt. ltg. cir. 120 v; 36 hp. e. (gas.) F. M. & Co.; — hp. wtr. wh. Samson, Triumph.

18 city incs. 60 w; all nt; distillate 15 cts. per gal.

C G L W ★16

**DIAMONDVILLE,** 696 — Diamond Coal & Coke Co. (Owned by Anaconda Copper Mining Co.)
Mgr. F. W. C. Whyte...........Anaconda
*Supt. Thos. Sneddon......Diamondville
Ch. Elecn. J. T. Platt ...... "

2 a.c. G. E. tot. 152 kw. 2000-104 v. s ph. 60 cys; no day cir; 275 hp. e. Ball; 220 hp. b. E. C.

(Co. also lts. Oakley.)

L S 1 ✣ 75

**DOUGLAS,** 2,246—Douglas Elec. Lt. Co.; cap. outstg. $75,000; no bds.
Pres. John Morton ..............Douglas
V. Pres. Theo. Pringle.......... "
Sec. John Yocum................ "
Treas. T. C. Rowley............. "
*Gen. Mgr. E. A. Collins......... "
Engr. Pwr. Sta. V. L. Snodgrass. "

3 a. c. G. E. tot. 200 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; — hp. e. Ball, Cor. direct connected to 450 hp. b. Kew.

City cont. 6 Mazdas 500 w. $150 per yr; 31 Mazdas 100 w. $38.50 per yr; moonlt; oil $1.30.

D L S 1 3 ✣ 25

**ENCAMPMENT,** 421—The Emerson Elec. Lt. Co. (Owned and operated by the Penn-Wyoming Copper Co.); cap. auth. $60,000.
*Elecn. F. B. Alley.........Encampment

2 d. c. West. G. E. tot. 90 kw. 250-125 v; 3 a. c. West. tot. 900 kw. 440 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 500 kw. turb. (stm.) West; 600 hp. b. Bab. & W; 900 hp. wtr. wh. Pelton.

City cont. all nt.

C D L W 1 ✣ 16

**EVANSTON,** 2,583—Evanston Elec. Lt. Co.: cap. $48,000.
Pres. C. H. Solier..............Evanston
V. Pres. J. L. Atkinson......... "
Sec. & Treas. F. La Chapelle.... "
*¶ Mgr. & Cont. Agt.
H. L. Williams.............. "
Ch. Engr. L. P. Scholl.......... "

2 d. c. G. E. 250 kw. 125-250 v; 3 a. c. Allis-C. West. tot. 355 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 3 ph. 60 cys; d. c. mo. cir. 250 v; 500 hp. e. Ide, Watertn, Allis-C; 200 kw. (stm.) turb. Curtis; 300 hp. b. Kewanee, Erie; also stm. htg.

City cont. 130 incs. "C" 100 c. p. metered; coal.

C D H L S 1 3 ✣ ★16

**FRONTIER,** 1,500—Frontier Supply Co. See Kemmerer.

**GILLETTE,** 448—Munic. Lt. Plant.
*¶ Mgr. M. L. Thomas............Gillette

1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 60 hp. e. Chuse; 80 hp. b. Kew.

City cont. Coal $3.

L S 3 16

**GREEN RIVER,** 1,313 — Green River Elec. Lt. & Pwr. Co.; cap. $20,000; no bds.
Pres., Treas. & Mgr.
Irving T. Snyder.........Denver, Colo.
V. Pres. Arthur B. West.... "
Sec. Dudley W. Strickland. "
¶Pur. Agt. H. T. Gillman....Green River
*Gen. Supt. G. E. Miles..... "

3 a. c. Nat'l Ft. W. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 425 hp. e. Chuse, Ide, Ideal; 650 hp. b. Frmn, Heine.

22 arcs; slack 90 cts.

D L S 3 ✣ 75

**HANNA**, 800—Union Pacific Coal Co. For executive officers, see Cumberland.
Supt. T. H. Butler..................Hanna
Ch. Engr. & M. M. Wm. McDonald "
Ch. Elecn. J. Choate.............. "
2 a. c. G. E. tot. 220 kw. 1150 v. 3 ph. 60 cys; a. c. day & nt. ltg. & mo. cir 104 v. s. ph. 60 cys; 200 hp. e. Allis.
950 com. incs. 16-32 c. p. 20 cts. per kw; all nt; coal 90 cts.
D L S 1 3 ✢ 25

**KEMMERER**, 843—Frontier Supply Co.; cap. $20,000.
*Pres. & Mgr. P. J. Quealy...Kemmerer
Sec. & Treas. John L. Kemmerer
New York, N. Y.
¶ Pur. Agt. Wm. Monay.........Frontier
Ch. Engr. John Green............ "
2 a. c. Curtis, G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 1 d. c. Allis-C. 100 kw. 500 v; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 220-440-2300 v. 3 ph. 60 cys; d. c. mo. cir. 500 v; 1000 kw. e. Curtis, Kerr; 900 hp. b. Spgf. Frmn.
City cont. 70 Mazdas 50-100 w. $14.40 per yr; all nt; coal $1. (Co. also lts. Frontier, Susie, Sublet and No. 6 Mine Camp.)
C D L S 3 ✢ 16

**LANDER**, 1,812—Lander Elec. Lt. & Pwr. Co.; cap. $38,400; notes outstg. $34,100.
¶ Pres. E. Amorietti, Jr...........Lander
*Sec. & Mgr. E. D. Edwards..... "
Treas. John E. Higgins.........Glenrocks
Engr. Pwr. Sta. H. S. Crispin.......Lander
2 a. c. West. tot. 175 kw. 1100 v. 3 ph. 60 cys; 14 transf. West. Pittsburg tot. 324 kw; a. c. nt. ltg. cir. 110 v; 260 hp. e. H. F. & M; 275 hp. b. Bab. & W.
City cont. 33 arcs 1200 c. p. $120 per yr; all nt; oil 75 cts. (Will erect pwr. plant and distribution system in Dubois.)
L S 3 ✢ 35

**LARAMIE**, 8,237—The Intermountain Ry. Lt. & Pwr. Co. For executive officers, see Lamar, Colo.
Supt. A. E. Anderson.............Laramie
Engr. Pwr. Sta. C. B. Arnold..... "
2 d. c. G. E. tot. 95 kw. 125 v; 3 a. c. G. E, tot. 435 kw. 2300 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; d. c. day & nt. ltg. & mo. cir. 110 v; 700 hp. e. Mur, Ideal, Chuse; 1136 hp. b. Heine, Kewanee.
City cont. 14 arcs 500 w. $108 per yr; 123 incs. 16 c.p. $10.80 per yr; 53 posts, 1 Mazda 60 w. & 4 Mazdas 40 w. $28.92 per yr; 11 P. M. & all nt; coal $2.80.
C D L S 3 ✢ 25

**MONARCH**, 1,000—Sheridan County Elec. Co. See Sheridan.

**NEW CASTLE**, 975—New Castle Lt. & Pwr. Co.; cap. $100,000; bds. $60,000.
Pres. R. Walter Leigh.....New York, N.Y.
V. Pres. Lewis T. Walle..........Akron, O.
Sec. & Treas.
Walter Schoonmaker...........Cambria
¶ Pur. Agts. The Cambria Fuel Co. "
*Engr. Pwr. Sta. John H. Bacon, Newcastle
Purchases energy from Cambria Fuel Co; 1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v.
City cont. 14 arcs A. B. 6.6 amp. $110 per yr; moonlt; all nt.
D L 3 16

**RAWLINS**, 4,256—Rawlins Elec. Lt. & Fuel Co.; cap. outstg. $60,000; bds. $60,000. (Controlled by Federal Lt. & Trac. Co, New York.)
Pres. E. N. Sanderson,
60 Broadway, New York, N.Y.
V. Pres. & Treas.
J. Dunhill... " " "
Sec. A. R. Marshall, " " "
Mgr. J. H. Jacobucci.............Rawlins
3 a. c. G. E. Ft. W. Natl. tot. 525 kw. 2300-110 v. 3 ph. 60 cys; 1 rect. West. 50 lts; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 700 hp. e. West. Mur. Allis-C; 550 hp. b. Erie Kew. Heine.
City cont. all nt; coal $2.40.
D L S 3 16

**RIVERTON**, 483—PopoAgie Lt. & Pwr. Co.
*Pres. & Mgr. P. B. Dykeman...Riverton
V. Pres. & Engr. J. A. Ward..... "
Sec. & Treas. W. J. Hagans...... "
L 25

**ROCK SPRINGS**, 5,778—Union Pacific Coal Co. For executive officers, see Cumberland.
Supt. D. G. Thomas.........Rock Springs
Engr. Pwr. Sta. B. L. Betcher "
2 a. c. G. E. Allis-C. tot. 400 kw. 2300 v. 3. ph. 60 cys; 3 d. c. Am. Ball tot. 675 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110-220 v; 600 hp. e. Allis-C. Am. Ball; 2300 hp. b. Bab. & W; 300 kw. (stm.) turb. Allis-C.
City cont 25 arcs 2000 c. p. $144 per yr; 160 tung. 60 & 80 w. $12 & $26; all nt; coal $1. (also lts. Reliance.)
C D L S 3 ✢ 25

**SARATOGA**, 557—Saratoga Lt., Ht. & Pwr. Co.; cap. $25,000; no bds.
Mgr. D. E. Winsor...............Saratoga
Purchases energy from D. E. Winsor; 1 a. c. G. E. 50 kw. 1100-110 v. s. ph. 125 cys; no day cir; 75 hp. e. A. & S; 75 hp. b. Denver. (Plant not in use.)
City cont. 2 arcs 1200 c. p. $168 per yr; 28 incs. 32 c. p. $30 per yr; coal $4.85.
L S 1 ✢ ★16

D. E. Winsor.
1 a. c. G. E. 30 kw; 1 a. c. F. M. & Co. 15 kva. 1100 v. 3 ph; 50 hp. e. (oil) F. M. & Co.
(Sells energy to Saratoga Lt. Ht. & Pwr. Co.)
G T 3 16

**SHERIDAN**, 8,408 — Sheridan County Elec. Co. (Controlled by Federal Lt. & Trac. Co.) Pwr. sta. 10 miles from Sheridan; cap. outstg. $500,000; bds. $400,000.
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. & Treas. J. Dunhill " "
Sec. A. R. Marshall ........ " "
Mgr. Judson Bibb................Sheridan
Supt. Thos. Hughes............ "
2 a. c. Westg. tot. 2000 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-440-2300 v; trans. volt. 22,000 v. 3 ph. 60 cys; 3500 hp. stm. turb. Westg; 1352 hp. b. Heine.
City cont. all nt, screenings 46 cts. (Co. also lts. Fort Mackenzie, Dietz, Acme, Model, Monarch and Kool.)
D L S 3 ✢ ★16

**SHOSHONI**, 604 — Shoshoni Pwr. & Irrigation Co.; cap. $3,000,000.
Pres. & Treas. J. M. Wilson......Douglas
V. Pres. F. R. Wilson............ "
*Sec. J. B. Wilson................ "
¶ Mgr. & Cont. Agt.
Asmus Baysen.................Shoshoni
Supt. B. H. Aronson............ "
Engr. Pwr. Sta. Mr. Sheldon... "
2 d. c. West. tot. 400 kw. trans. 3300 v. 3 ph; day & nt. ltg. cir.
C D L 3 ✢ 22

**THERMOPOLIS**, 1,524—Hot Springs Lt. & Pwr. Co.; cap. $100,000; bds. $30,000.
Pres. H. J. Thompson.....Billings, Mont.
*¶ Sec. Treas. Mgr. & Cont. Agt.
M. W. Thompson...........Thermopolis
Supt. Glen Smith............. "
Engr. Pwr. Sta.
Clarence Smith............ "

3 a. c. E. M. Co. Allis-C. tot. 360 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. & 3 ph. 60 cys; 300 hp. e. Atlas; 200 hp. b. Bab. W.; 400 hp. turb. (wtr.) Dayton Globe.

City cont. 95 Mazdas 150 w. $27 per yr; all nt; coal $1.50.

D L S W 1 3 ✠ 16

**WORLAND,** 265—*Worland Lt. & Pwr. Co.

1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 440-220 v. s. & 3 ph. 60 cys; 125 hp. e; 160 hp. b. Kew; also ice plant.

City cont. 3 arcs Ft. W. 500 w. $73 per yr; 36 tung. 150 w. $54 per yr; all nt; coal $12.20.

I L S 1 3 ✠ ★26†

# CANADA.

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## ALBERTA.

**CALGARY,** 45,000—Calgary Water Pwr. Co. (Ltd.) (1 stm. and 1 wtr. pwr. sta.); cap. $100,000; no bds.

Pres. I. K. Kerr.................Calgary
V. Pres. Treas. & Mgr.
P. A. Prince.................. "
Sec. F. H. Brown................. "
*Acct. Chas. E. Carr.............. "
Cont. Agt. D. W. Brown.......... "
¶ Supt. J. E. Prince............. "
Ch. Engr. Theo. Strom.......... "

5 a.c. West, G. E. tot. 2000 kw. 2200-100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 105 v; a. c. mo. cir. 220 v; 1250 hp. e. Robb- Armstrong; 600 hp. turb. (wtr.) Leffel; 1250 hp. b. Bab. & W; 1000 hp. stm. turb. Curtis.

Coal $3.50; gas 15 cts. per M.

D L S W 3 ★16

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*Munic. Electric Light & Pwr. Plant; cost $364,000; bds. $571,000.

Mayor, H. A. Sinnott..............Calgary
Commissioner, A. G. Graves..... "
Treas. Thos. S. Burns............. "
City Elecn. Robt. Brown ......... "
Supt. & Ch. Engr. Pwr. Sta.
J. F. McCall.................... "

3 a.c. Allis-C, Vickers tot. 5250 kw. 2300 v. 3 ph. 60 cys; 2 d. c. A. C. B. Co., Dick. tot. 1100 kw. 500-600 v. (ry.): 11 rect. G. E: a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 2750 hp. e. Robb; 5200 hp. b. Bab. & W; 6000 hp. stm. turb. Allis-C. Also purchases energy from Calgary Pwr. Co.; 10 transf. Packard tot. 11,500 kw; 4 mo. gen Dick, A. C. B. Co. tot. 2800 kw.

860 city arcs magn. & carbon 1500 & 500 c. p. $40 & $65 per yr; 293 tung. 250 w. 60 c. p. $45 & $15; all nt; coal $3.40.

C D L S 3 23

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Calgary Pwr. Co. Office, 164 St. James St., Montreal; two pwr. plants on Bow River, near Seebe, Alta.; cap. $1,850,000; bds. $2,634,813.33.

Pres. R. B. Bennett, K. C. M. P. . .Calgary
Sec. & Treas. V. M. Drury.......Montreal
Mng. Dir. C. C. Giles........... "
*Gen. Supt. & Engr. Pwr. Sta.
F. J. Robertson...... .........Calgary

6 a. c. C. G. E. Swedish. G. E. tot. 21,500 kva. 12,000 v. 3 ph. 60 cys; trans. 50 miles 55,000-12,000 v. 3 ph. 60 cys; 31,100 hp. turb. (wtr.) J. O. Boving & Co, W. S. M, Can. Allis-C.

(Sells energy to City of Calgary and Canada Cement Co; also supplies Villiage of Cochrane.)

T W 3 16

**CAMROSE,** 2,100—Munic. Elec. Lt. Plant; cost $30,000.

*Sec. & Treas. J. D. Saunders...Camrose
Engr. Pwr. Sta. Jos. S. Eby.... "

2 a. c. Allis-C. Bull, Swedish G. E. tot. 175 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 275 hp. e. Leonard, Bellis & Morcom; 300 hp. b. Leonard.

80 city tung. 60-100 w; 2 A. M; 21 5-lt. clusters; all nt; coal $2.25.

D L S 1 3 ★16

**CLARESHOLM,** 680—Munic. Elec. Lt. Plant; cost $20,000.

*Mayor, N. G. Holmes.........Claresholm
Sec. & Treas. J. F. Reynolds.. "
Engr. Pwr. Sta.
Norman MacKenzie ........ "

1 a. c. Allis-C. 125 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 200 hp. e. Robb; 200 hp. b. Robb.

11 city arcs West. 1200 c. p. $120 per yr; all nt; coal $3.85.

L S 3 ✠ 44

**EDMONTON,** 25,000—Munic. Elec. Lt. Plant.

Mayor W. T. Henry ...........Edmonton
Comr. A. G. Harrison......... "
Clerk E. G. Cox............... "
Treas. Frank Barnhouse ...... "
Supt Ovhd. Distrbn. A. W. Ormsby "
*Engr. Pwr. Sta. C. E. Cope... "

6 a. c. C. G. E. Siemens, Allis-C, C.-W. tot. 1600 kw. 2200 v. 3 ph. 60 cys; 5 d. c. C.-W, West, C. G. E. tot. 2100 kw. 550 v; 14 rect. C. G. E. C. West. 6.6 amp. tot. 75 lt; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 3250 hp. e. Robb, Goldie Bellis, C.-W; 16,000 hp. b. Bab. & W; 1000 kw. e. (gas) Allis-C; 1000 kw. gas pro. Allis-C; 14,000 kw. turb. (stm.) West, Willans & R, Escher.

755 city arcs magn. 6 6 amp; 688 city incs. 6.6 amp; all nt; coal $2.50 to $5.40.

C D G L S 3 ★16

**FORT SASKATCHEWAN,** 750—Munic. Elec. Lt. Plant; cost $51,000.

Mayor, Mr. McClellan. .Ft. Saskatchewan
Sec. & Treas. Thos. J. Stacey "
*Gen. Supt. E. Barnott.. "

1 a. c. G. E. 72 kw. 2200 v. 2ph. 60 cys; trans. 6600 v. 3 ph. 60 cys; a. c. nt. lfg. cir. 110 v. 60 cys; no mo. cir; 90 hp. e. G. & McC; 140 hp. b. G. & McC.

7 city Mazdas 250 w. and 35 city Mazdas 60 w. tot. $130 per mo., all nt; coal $2.70.

L S 2 3 ✠ 16

**FRANK,** 1,178—Canadian Coal Consolidated, Ltd.; cap. $2,000,000.

Pres. Maurice Tilloy, } 113 Rue
V. Pres. O. L. Liegeart, } Reaumur,
Sec. Paul Buisson, } Paris, France
¶ Treas. C. J. Tompkins............Frank
*Gen. Mgr. Alfred Muller.......... "
Cont. Agt. R. G. Galland.......... "
Supt. F. V. Gallway............... "
Engr. Pwr. Sta. Hy. H. Banks...... "
Ch. Engr. J. A. McLeod............ "
Ch. Elecn. Edmond Bion ......... "
Conslt. Engr. H. T. Lloyd
Spokane, Wash. & Calgary

3 a. c. E. M. Co. tot. 750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 440 v; 1150 hp. e. Robb; 2000 hp. b. Bab. & W. Stir.

City cont. 10 tung. 8.5 amp. $60 per yr; all nt; coal $2.15.

D L S 3 21

**INNISFAIL,** 610—Munic. Elec. Lt. Plant.

*Sec. & Treas. Wm. Jenson....Innisfail
Engr. Pwr. Sta. Clarence Grettam "

1 a. c. West. 55½ kva. 2200 v. 3 ph. 60 cys; no day cir; 100 hp. e. Robb; 100 hp. b. Robb.

34 city Mazdas 100 w. $50 per yr; moonlt. all nt; coal,

L S 3 74

**LACOMBE,** 1,800 — Munic. Elec. Lt. Plant; cost $25,000.
*¶ Sec. Treas. Cont. Agt.
& Mgr. E. J. Tett..............Lacombe
Engr. Pwr. Sta. Clifford Danner "
2 a. c. C. G. E. tot. 250 kw. 6600 2300-104 v. 3 ph. 60 cys; no day cir; 140 hp. e. Watrous; 300 hp. b. Watrous; 140 hp. turb. (wtr.) Mad, Wms.
16 city arcs 6 amp. $75 per yr; 2 tung. 40 w. $25 per yr; all nt; coal $4.50.
L S W 3 ✠ 16

**LETHBRIDGE,** 10,000—Munic. Elec. Lt. Plant; cost $375,000.
*Comr. Arthur Reid..............Lethbridge
Sec. W. Steven.... ............ "
3 a. c. West. S. & H. tot. 2438 kw. 220 v. 2 ph. 60 cys; 2 d. c. Siemens tot. 600 kw. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. s. & 2 ph. 60 cys; 1190 hp. e. Belliss & Morcom; 2520 hp. b. Bab. & W; 1500 kw. turb. (steam) W. & R.
City cont. 118 series arcs 500 w. $65 per yr; 150 tung. series 125 w. $10 per yr; 462 ornamental post 400 w. $40; all nt; coal $1.20.
C D L S 1 2 25

**LLOYDMINSTER,** 800—Wm. Johnson & Son Elec. Lt. Plant.
*Mgr. & Engr. Pwr. Sta.
E. T. Johnson..............Lloydminster
1 d.c. F. M. & Co. 65 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 100 hp. (gas) e. F. M. & Co; 100 hp. gas pro. F. M. & Co.; 400 amp. 220 v. stor. bat. E. S. B.
City cont. 7 arcs A. B. 500 c. p. $75 per yr; incs. 32 c. p. $14.40 per yr; mdnt; coal $8 to $10.
C D G L ✠ 25

**MACLEOD,** 1,144 — Munic. Elec. Lt. Plant; cost $95,000.
Sec. E. Forster Brown..............Macleod
*¶ Supt. Ch. Engr. & Elecn.
G. H. Altham .............. "
2 a.c. Allis C., W. E. tot. 370 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 700 hp. e. Leonard, G. & McC; 500 hp. b. Robb.
20 city arcs A. B. 6.6 amp. & 60 tung. 100 w. tot. $2,000 per yr; all nt; coal $2.20
D L S 8 16

**MEDICINE HAT,** 3,020—Munic. Elec. Lt. & Pwr. Plant; cap. $50,000; bds. $50,000.
*Gen. Supt.
G. R. Taylor..............Medicine Hat
2 a. c. Bergman tot. 350 kw. 2300 v. 3 ph. 60 cys; 2 d. c. Bergman tot. 15 kw. 110 v; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 2300-550-220 v; 450 hp. e. (gas) Crossley Bros.
Incs. 6 cts. per kw. hr; gas 5 cts. per M.
D G L 3 35

**PINCHER CREEK,** 1,200 — Munic. Elec. Lt. Plant.
Mayor, R. O. Allison......Pincher Creek
Chm. Lt. Com. Dr. Mills... "
Sec. & Treas. G. D. Plunkett "
*¶ Mgr. & Cont. Agt.
F. Rhodes................ "
Engr. Pwr. Sta. A. Broadwell "
1 a. c. C. West. 120 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. G. & McC. Watrn; 200 hp. b. G. & McC. Waterous.
City cont. 70 incs. 50 w. $12 per yr; moonlt; coal $3.80.
L S 3 ✠ 25

**RED DEER,** 3,000 — Western General Elec. Co., Ltd.; cap. auth. $500,000; no bds.
Pres. John T. Moore..............Toronto
V. Pres. G. W. Smith..............Red Deer
Sec. & Treas. Geo. E. Wishart.. "
*¶ Mgr. W. A. Moore.......... "
Engr. Pwr. Sta. J. T. Watson... "

2 a. c. Allis-C. tot. 320 kw. 2300-110 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 & s. ph. 60 cys; 440 hp. e. Robb; 440 hp. b. Robb.
City cont. 80 arcs A. B. enc. 6.6 amp. $125 per yr; all nt; wood $2, coal $5.
D L S 1 3 ✠ 16

**STRATHCONA,** 6,000—*Munic. Elec. Lt. Plant; cost $90,000.
Mgr. & Ch. Elecn. S. T. Kelly..Strathcona
Ch. Engr. D. Ewing.......... "
2 a. c. C. G. E. tot. 270 kw. 2300-110 v. 3 ph; a. c. day cir. 220-110 v; pwr. cir. 220 v; 400 hp. e. G. & McC; 400 hp. b.
60 city arcs 6.6 amp. $100 per yr; 6000 city incs; moonlt.
D L S 3 19

**WETASKIWIN,** 3,000 — Munic. Elec. Lt. Plant; cap. outstg. $118,000; bds. $85,000.
Mayor, R. M. Angus..........Wetaskiwin
Sec. & Treas. E. Roberts..... "
*¶ Mgr. J. S. Watson......... "
Supt. Ovhd. Distrbn. I. J. Gillman "
Ch. Engr. H. O. Covmier..... "
3 a. c. Allis C, Westg. Swedish G. E. tot. 502 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 230 hp. e. (gas) West; 250 hp. (gas) pro. R. & W. Woods; 540 hp.e. (stm.) Robb, Belliss; 400 hp. b. Waterous.
43 city arcs 500 c. p. $85 per yr; 4000 city Mazdas 10-20-25-40 & 60 c. p. $4.75 per yr. moonlt; nat. gas 5 cts; coal $3.25.
D G L S 2 ✠ ★16

## BRITISH COLUMBIA.

**ARMSTRONG,** 1,000—Armstrong Lt. & Pwr. Co. (Munic.)
*Treas. A. J. Fifer..............Armstrong
Supt. G. A. McNaughton..... "
Engr. Pwr. Sta. J. C. Trill.... "
2 a. c. C. G. E. Swedish G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-2200 v. 3 ph 60 cys; 200 hp. e. (oil) Diesel; 150 hp. turb. (wtr.) Pelton.
80 city incs. 32-200 c. p; crude oil 9 cts.
D G L W 3 44

**ASHCROFT,** 750 — Ashcroft Wtr., Elec. & Improvement Co.; cap. auth. $50,000, 7 p. c. div; bds. auth. & outstg. $25,000, 6 p. c. int.
Mgr. John Shields..............Ashcroft
*Accountant, E. A. Punter...... "
Engr. Pwr. Sta. T. H. M. Newsam "
2 a. c. C. G. E. tot. 137½ kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 750 hp. turb. Ham; 100 hp. e. (gas) Can. F. M. & Co., Diesel, (Gas plant auxiliary); distillate 21 cts.
G L W 3 ✠ 83

**CASCADE**—Cascade Wtr. Pwr. & Lt. Co., Ltd. (Owned and operated by West Kootenay Pwr. & Lt. Co., Ltd., Rossland); bds. issued $260,000.
Pres. & Mgr. L. A. Campbell...Rossland
Sec. & Treas. C. B. Smith....... "
Audr. T. S. Gilmour............ "
3 a. c. West. tot. 2250 kw. 20,000-2200 v. 3 ph. 60 cys; 9 West. transf. tot. 2250 kw. Duplicate trans. lines to Grand Forks, Phoenix, Greenwood and Boundary Falls, connected so that energy can be supplied from W. Kootenay system at 60,000 v. or Cascade at 20,000 v. (This plant held as auxiliary.)
T W 5 16

**CHILLIWHACK,** 1,500—British Columbia Elec. Ry. Co., Ltd. See Vancouver.

**CRANBROOK,** 3,000—Cranbrook Elec. Lt. Co., Ltd.; cap. $150,000.

Pres. Dr. J. H. King...........Cranbrook
V. Pres. V. Hyde Baker...... "
*Sec. E. H. McPhee........... "
Audrs. Webb, Read, Kegan
Callingham & Co.........Calgary, Alt.
Gen. Supt. & Engr. Pwr. Sta.
R. C. Eakin..................Cranbrook

2 a. c. Allis-C., Bullock tot. 425 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; 150 hp. e. Armstrong; 170 hp. b.

City cont. 2 arcs 1600 c. p. $120 per yr; 18 incs. 16 c.p. $13.20 per yr; hrs; coal $4.

D L S 2 ✠ 84

**CUMBERLAND,** 1,100 — Cumberland Elec. Ltg. Co.
Pres. Geo. W. Clinton........Cumberland
V. Pres. W. Harrison...... "
*Sec. & Mgr. W. K. Hancock. "
Treas. J. R. Lockard......... "
Audr. P. Fagan.............. "

Energy purchased from Can. Collieries, Ltd. (Dunsmuir); trans. volt. 2200 v. 3 ph. 25 cys; 16 trans. C. West. tot. 206 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. 3 ph. 25 cys.

City cont. 71 tung. 40 w. $7.20 per yr., all nt.

D L 3 ✠ 16

**DUNCAN,** 465—Munic. Elec. Lt. Plant.
*City Engr. M. Leighton Wade...Duncan
City Clerk, Jas. Greig............ "

2 a. c. West. tot. 140 kva. 2200 v. 3 ph. 60 cys; a.c. day & nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 110-220-2200 v. 3 ph. 60 cys; 200 hp. e. (oil) C. M. & M.

10 kw. series tung. 100 & 250 w; all nt; fuel oil 7 cts.

D G L 3 ✠ ★16

**ENDERBY,** 800—Okanagan Saw Mills, Ltd. (Elec. Lt. Plant.)
Accountant N. J. Lunke........Enderby

City cont. 52 incs. $9 per yr; all nt.

L ✠ ★16

**ESQUIMAULT,** 4.001—British Columbia Elec. Ry. Co., Ltd. See Victoria.

**FERGUSON,** 300—Energy for ltg. town furnished by Ferguson Mines, Ltd.

**FERNIE,** 3,500—Munic. Elec. Lt. & Pwr. Plant; cost $62,667.
Mayor, J. L. Gates...................Fernie
¶ Clerk & Treas. Arthur J. Moffatt "
*Supt. & Engr. Pwr. Sta.
James E. Finn..................... "

2 a. c. S. K. C. tot. 300 kw. 2400 v. 2 ph. 60 cys; 1 arc West. 25 lt; a. c. day & nt. ltg. cir. 110-220 v; a. c. mo. cir. 220 v; 300 hp. e. Robb; 450 hp. b. Robb.

13 city arcs Westg. enc. 6.6 amp; 100 st. lts. nitro. series 4 amp. 100 c. p. 3 cts. per kwh. moonlt; coal $2.65.

D L S 2 16

**GRAND FORKS,** 2,500—Munic. Elec. Lt. & Wtr. Plant; cost $42,000.
*¶ Pur. Agt. John A. Hutton. Grand Forks
Ch. Engr. Fred Reed....... "
City Elecn. F. C. Anderson. "

Energy purchased from West Kootenay Pwr. & Lt. Co; a. c. day cir. 110 v.

All nt.

D L ✠ ★16

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Cascade Water Pwr. & Lt. Co. Ltd. See Cascade.

**GREENWOOD,** 1,000 — Greenwood City Waterworks Co. (Consol. with Greenwood Elec. Co. Ltd.); cap. $100,000.
Pres. H. E. Price...................Quebec
V. Pres. I. H. Hallett.........Greenwood
Sec. E. C. Walters............ "
*Mgr. Wm. G. Swayne....... "

1 a. c. Allis-C. 150 kw. 4400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 270 hp. turb. (wtr.) Doble.

City cont. 3 arcs 2000 c. p. $120 per yr; 180 incs. 40 w. $60 per yr; all nt.

D L W 3 ✠ ★26

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West Kootenay Pwr. & Lt. Co. Ltd. See Rossland.

**KAMLOOPS,** 4,000—Munic. Elec. Lt. Plant; bds. outstg. $128,500.
*Sec. & Treas. J. J. Carment..Kamloops
Supt. & Engr. C. L. Wain...... "

2 a. c. C. G. E. tot. 1500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220-110 v. 3 ph. 60 cys; 2000 hp. turb. (stm.) G. E; 1000 hp. b. Bab. & W.

35 city arcs G. E. enc. 7.5 amp; 760 tung. series 7.5 amp; metered; all nt; coal $4.90.

D L S 3 ✠ 44

**KASLO,** 500—Munic. Elec. Lt. Plant. (Purchased property of Kootenay Elec. Co., Ltd.) Pwr. sta. on Kaslo Creek.
¶ City Clerk —— ——............Kaslo
*Ch. Engr. F. D. Emory............ "

1 a.c. Westg. 120 kw. 1100 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 106 v; a. c. mo. cir. 1100 v; 300 hp. turb. Kennedy.

120 city tung. 60 w. $ 10 per yr., all nt. (Contemplates installing day service.)

L W 2 26

**KELOWNA,** 2,000—Munic. Elec. Lt. Plant. Office, Keller Block & Bernard Ave.; cost $54,000.
Mayor, J. W. Jones.............Kelowna
¶ City Clerk, G. H. Dunn........ "
*Ch. Engr. S. D. Colquette....... "

— a. c. C. West., C. F. M. & Co. tot. 150 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Robb, Goldie & McC; 200 hp. b. Robb.

200 city series tungs. 80, 100, 250 & 400 c. p; 10 cts. per kw. hr.; moonlt; slabs $2 and sawdust $4.

D L S 3 16

**LADNER,** 1,000—British Columbia Elec. Ry. Co., Ltd. See Vancouver.

**LADYSMITH,** 2,500—Munic. Elec. Lt. Plant; bds. $25,000.
*Mayor, Geo. Hillier........... Ladysmith
Aldermen
J Bickle......... "
D. Davidson..... "
J. A. Knight..... "
E. Pannell....... "
G. W. Scott...... "
S. Lauderbach... "
Wm. Siler........ "
Ch. Oper. Engr. Wm. M. Allester "
Engrs. Pwr. Stas.
J. Michie ......... "
W. McLaren ..... "

1 a. c. Can. West. 115 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 125 hp. e. Robb; 108 hp. b. G. & McC.

100 series tung. 75 w. tot. $3,000 per yr; all nt; coal $3 & $3.50.

L S 3 ✠ 74

**MISSION,** 900—Western Canada Pwr. Co., Ltd. See Vancouver.

a. c. day & nt. ltg. cir. 115 v. a. c. day & nt. mo. cir. 2300-220-115 v. 3 ph. 60 cys.

D L 3 16

**NANAIMO,** 8,500—Nanaimo Elec. Lt., Pwr. & Ht. Co. (Ltd.).
Pres. Jos. Hunter................Victoria
*Sec. & Mgr. W. W. Lewis......Nanaimo
Supt. H. Alexander............ "
Ch. Engr. F. W. Byers.......... "
Engr. Pwr. Sta. J. W. Parken.. "

3 a. c. C. G. E., Peebles tot. 400 kw. 2300 v. 3 ph. 60 cys; 2 d. c. arc tot. 100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 450 hp. e J. Howden; 189 hp. b; 450 hp. turb. Pelton.

City cont. 105 arcs 4 amp. $50 per yr; 66 incs. 90 w. $16 per yr; all nt; coal $3.90.

D L S W 3 ✠ 16

**NATAL,** 682—Michel Wtr., Lt. & Pwr. Co., Ltd.; cap. $50,000.
Pres. Dr. R. C. Weldon.............Natal
*Sec. Treas. & Mgr.
G. B. Stedman.................... "
Water power.
L W 16

**NELSON,** 6,000—Munic. Elec. Lt. & Pwr. Plant. (Hydro-elec. sta. at Bonnington Falls); cap. $313,000; bds. outstg. $355,000.
Mayor J. J. Malone...............Nelson
City Clerk, W. E. Wasson........ "
Chmn. Dr. W. O. Rose........... "
*¶ Supt. & Cont. Agt.
Herbert P. Thomas............. "
Engr Pwr. Sta. T. Needham
Bonnington Falls

2 a. c. Allis-C, Bull. tot. 1750 kva. 13,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-440-220 v; 3 ph. 60 cys; 2200 hp turb. (wtr.) Allis-C. Bull.

1000 carbon lts. 16 c. p; 500 Tung. 60 & 100 w; all nt.

D L W 3 ★26

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West Kootenay Pwr. & Lt. Co., Ltd. See Rossland.

**NEW WESTMINSTER,** 9,000--Munic. Elec. Lt. Plant; cost, $132,000.
*Mayor A. W. Gray....New Westminster
Sec. B. S. Brown....... " "
Treas. R. E. Gilchrist.. " "
Supt. P. T. Bowler..... " "

Purchases energy from B. C. Elec. Ry. Co.; trans. volt. 40,000 v. 3 ph. 60 cys; 12 transf. West. C. G. E. tot. 6000 kw; 2 rot. conv. West. tot. 1000 kw; 1 mo. gen. G. E. 500 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 2000 v; s. ph. 60 cys; wtr. pwr.

306 city arcs 2000 c. p. $36 per yr; all nt. (Co. also lts. Sapperton.)

D L W 1 3 ★16

**NORTH VANCOUVER,** 7,781—British Columbia Elec. Ry. Co., Ltd. See Vancouver.

**PHOENIX,** 1,500—Phoenix Elec. Ltg. & Wtr. Co., Ltd.; cap. $38,000.
Pres. G. W. Rumberger..........Phoenix
V. Pres. W.Y. Williams..Spokane, Wash.
Treas. G. W. Wooster........Grand Forks
¶ Sec. Jos. J. Strutzel............Phoenix
*Supt. W. C. Hower............. "

Purchases energy from Cascade Wtr. Pwr. & Lt. Co.; 12 transf. G. E. tot. 60 kw; a. c. day & nt. ltg. cir. 60 cys; a. c. mo. cir. 220 v. s. & 3 ph. 60 cys.

City cont. 5 arcs Jandus 650 w. $120 per yr; 1200 carbon 3.5 amp; all nt.

D L 1 3 ✠ 25

**PORT MOODY,** 1,000—British Columbia Elec. Ry. Co., Ltd. See Vancouver.

**PRINCE RUPERT,** 4,000 — Prince Rupert Munic. Elec. Lt. System; (aux. stm. plant in city and hydro-elec. plant 5½ miles east of city); cap. $266,000.
Mayor, M. P. McCaffery....Prince Rupert
Chmn. Com. John Dybhavn "
Treas. E. D. Johnson...... "
Audrs. Messrs. Riddell, Stead,
Hodges & Winter........ "
*Mgr. & Ch. Engr.
T. C. Duncan............ "
¶ Pur. Agt. A. Brookshank. Prince Rupert
Engrs. Pwr. Stas. (hydro.)..J. Black "
(steam) E. Valentine "

3 a. c. C. G. E, Ridgway tot. 1425 kw. 2500 v. 3 ph. 60 cys; 2 rect. C. G. E. tot. 100 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 480 hp. e. Wheland, C. Ridgeway; 240 hp. b; 1650 hp. turb. (wtr.) can. Allis-C.

City cont. 45 series arcs 4 amp; 90 tung. series 4 amp; all nt; coal $8.

D L S W 3 ★36

**REVELSTOKE,** 4,000 — Munic. Elec. Lt. Plant. Cost $280,000.
Mayor, H. F. McKinnon ......Revelstoke
Chmn. Com. S. Needham.... "
Clerk, W. A. Gordon.......... "
*¶Mgr. Cont. & Agt. C. North. "

2 a. c. West. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 1 rect. G. E. 25 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 300 hp. e. (gas); 300 hp. gas pro. Can. Fdy. Co; 2300 hp. wtr. wh. Jenckes, Escher Wyss & Co.

50 city magn. arcs; 200 city nitro. lts. 100 c. p; all nt; coal & gas.

D G L W 3 ✠ ★16

**ROSSLAND,** 3,000 — West Kootenay Pwr. & Lt. Co., Ltd. (Controls & operates South Kootenay Wtr. Pwr. Co; Cascade Wtr. Pwr. & Lt. Co.; Rossland Water & Lt. Co., Ltd., and the Okanagan Wtr. Pwr. Co.): cap. outstg. $2,000,000; bds. $1,345,146.77.
Pres. C. R. Hosmer.......Montreal, Que.
*V. Pres. & Gen. Mgr.
L. A. Campbell...............Rossland
Sec. & Treas.
F. E. McNalley.........Montreal, Que.
Audr. T. S. Gilmour............Rossland

POWER HOUSE No. 1, LOWER BONNINGTON FALLS:
3 a. c. C. G. E. tot. 3000 kw. 1100 v. 3 ph. 60 cys; 12 G. E. air blast transf. tot. 3000 kw; trans. voltage 20,000-1100 v.

POWER HOUSE No. 2, AT UPPER BONNINGTON FALLS:
32,000 hp. hydraulic development; 3 a.c. C. G. E. tot. 15,000 kw. 2200 v. 3 ph. 60 cys. (18,000 hp. capacity); 15,000 kw. West. transf. 60,000-2200; 3700 kw. West. transf. 22,000-2200 v.

POWER HOUSE No. 3 AT CASCADE, WHICH SEE.

87 mi. duplicate trans. lines 60,000 v; 50 mi. duplicate trans. lines, 20,000 v. from both systems to distributing stations at Trail & Rossland, to Nelson 20,000 v.

South Kootenay Wtr. Pwr. Co. distributes pwr. received from lines of West Kootenay Pwr. & Lt. Co., Ltd., in the Boundary Country, this taking in Grand Forks, Phoenix, Greenwood and Boundary Falls.

T W 3 16

**SANDON,** 200—Sandon Wtr. Wks. & Lt. Co.; cap. $50,000.
*¶Pres. & Mgr. J. M. Harris.....Sandon
Sec. & Treas. F.T. Kelly... .... "
Engr. Pwr. Sta. A. H. Sanderson "

2 d. c. C. G. E. tot. 70 kw. 110 v; no day cir; 175 hp. turb. (wtr.) Pelton.

City cont. 10 incs. 16 c. p.

C L W ✠ 26

**TRAIL,** 1,500—Consol. Mining and Smelting Co. of Can., Ltd.
Pres. W. D. Matthews............Toronto
Sec. J. Kitto..................... "
*Gen. Mgr. R. H. Stewart............Trail
Asst. Gen. Mgr. S. G. Blaylock...... "
¶ Pur. Agt. P. Dunkerley........... "
Supt. Jas. Buchanan................ "
Ch. Elecn. E. J. McGuire........... "
M. M. D. Garrilick.................. "

Energy from the West Kootenay Pwr. &

Lt. Co., Ltd.; trans. volt. 20,000 v. 3 ph. 60 cys; 9 transf. West. Wag. tot. 4560 kw; 3 mo.-gen. C. G. E. West. tot. 606 kw; 3 d. c. C. G. E. Bull. tot. 300 kw. 500 v; a. c. nt. ltg. cir. 110 v; d. c. pwr. cir. 500 v.

City cont. 56 arcs 6.6 amp. $60 per yr; 1600 incs. 16 c. p. $6 to $15 per yr; all nt.

C L 3 ✠ ★16

**VANCOUVER,** 125,000—British Columbia Elec. Ry. Co., Ltd. (Two hydro-elec. plants at Lake Buntzen; stm. auxil. plant in Vancouver.) (Owns entire cap. stk. of Vancouver Island Pwr. Co., Victoria Gas Co. and Vancouver Gas Co.); cap. issued £4,300,000; add. cap. authorized £680,000.

Chmn. R. M. Horne-Payne.. London, Eng,
Asst. Chmn. R. H. Sperling " "
Sec. M. Urwin.............. " "
Gen. Mgr. Geo. Kidd ........Vancouver
Gen. Exec. Asst. F. R. Glover. "
Local Sec. J. V. Armstrong.... "
Compt. H. W. Dyson.......... "
Gen. Supt. W. G. Murrin..... "
Elec. Engr. Geoffrey Porter... "
*Publicity Agt. B. I. Darent.. "
¶ Pur. Agt. C. A. Lee......... "

15 a. c. West, C. G. E. Kerr, Allis-C. tot. 60,200 kva. 2200 v. 3 ph. 60 cys; trans. 34,600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-220-110 v. s, 2 & 3 ph. 60 cys; d. c. mo. cir. 550 v. 12,500 kw. stm. turb. Allis-C; 6000 hp. b. Bab. & W; 84,000 hp. turb. (wtr.) Pelton, Doble. Also purchases energy from Western Canada Pwr. Co.

City cont. 1913 C. G. E. 7.5 amp. $38 per yr; 4434 Tung. 60, 75 & 100 w; all nt. (Also lts. Victoria, North Vancouver, Sumas, Ladner, Port Moody, Chilliwhack, and sells energy in bulk to municipalities of New Westminster, B. C. and Blaine, Wash.)

C D R S W 1 2 3 ✠ ★16

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Western Canada Pwr. Co., Ltd. Office, Carter Cotton Bldg., Hastings St., Vancouver. Pwr. plant on Stave River, 35 miles east of Vancouver; cap. outstg. $5,000,000; bds. $5,000,000.

Pres. C. H. Cahan, K.C....Montreal, Que.
Sec. & Treas. O. B. MacCallum "
*Gen. Mgr. & Ch. Engr.
R. F. Hayward...............Vancouver
Cont. Agt. W. McNeill........ "
¶ Pur. Agt. H. Dalton.......... "

2 a. c. C. G. E. tot. 20,000 kva. 4400 v. 3 ph. 60 cys; trans. volt. 60,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 26,000 hp. turb. (wtr.) Escher & Wyss Co. (Co. sells energy in bulk and also lts. Mission, Coquitlam, Hammond and Haney.)

D N W 3 ★16

**VERNON,** 3,000—Munic. Elec. Lt. & Pwr. Co. Office, City Hall; cost $178,000.

*Mayor, W. H. Smith.............Vernon
Chmn. Lt. Com. S. A. Shatford... "
City Clerk, D. G. Tate........... "
Mgr. R. B. C. Hammond.......... "
Asst. Mgr. H. Woods............ "
Ch. Engrs. } H. A. Blakeborough.. "
Pwr. Sta. } T. Martin............ "
Engr. A. Weeks.................. "

3 a. c. West, G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; 3 arcs G. E. tot. 100 lts; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. 3 ph. 60 cys; 250 hp. e. Jenckes; 200 hp. b. Jenckes; 531 hp. e. (oil) Mirrless, Bickerton & Day & Aktiebolaget Diesels.

City cont. 75 arcs West. 7.5 amp. $60 per yr; 60 series Mazdas 7.5 amp. 80 & 200 c. p. $12 & $24 per yr; moonlt; oil.

D G L S 3 74

**VICTORIA,** 45,000—British Columbia Elec. Ry. Co., Ltd. For executive officers, see Vancouver.

Local Mgr. A. T. Goward........Victoria
¶ Pur. Agt. A. R. Richardson .. "
Supt. G. M. Tripp............... "
Engrs. } S. G. Peele........... "
Pwr. Sta. } H. Phipps.........Goldstream

Energy purchased from Vancouver Island Pwr. Co.; 55 transf. West., C. G. E. tot. 72,050 kw; 300 kw. rot. C. G. E; 2000 kw. mo. gen; 1 d. c. C. Westg. tot. 500 kw. 550 v; 5 a. c. C. G. E. West. tot. 2720 kw. 700-2200 v. 3 ph. 60 cys; a. c. day ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-220 v. 3 ph. 60 cys; d. c. mo. cir. 550 v; 900 amp. hr. stor. bat. 550 v. Tudor; 2000 hp. e. Laurie; 2500 hp. b. Bab. & W. Climax; 4600 hp. turb. (wtr.) Pelton.

Coal $5.35. (Co. also lts. Oak Bay, Esquimault, Sidney, Saanich and Calwood and sells energy in bulk to city of Victoria for st. lts.)

C D R S W 3 16

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Vancouver Island Pwr. Co. (Owned by British Columbia Elec. Ry. Co., Ltd.; hydro. elec. plants on Jordan River and at Goldstream and steam auxil plant at Brentwood Bay.)

Local Mgr. A. T. Goward.........Victoria
Supt. G. M. Tripp................ "
¶ Pur. Agt. A. R. Richardson.... "
Engrs. Pwr. Sta. { Jordan River,
D. I. Walker....... "
Brentwood Bay,
T. W. Walker...... "

4 a. c. Allis C, Bull. tot. 12,000 kva. 2300 v. 3 ph. 60 cys; 4000 kva. stm. turb. Allis-C; — hp. b. Bab. & W; 12,000 hp. wtr. wh. McDougall; oil 90 cts. per bbl.

S T W 3 16

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Munic. Elec. Ltg. System; cost $85,000.

¶ Pur. Agt. W. W. Northcott.....Victoria
*City Elecn. M. Hutchison........ "

Purchases energy from British Columbia Elec. Ry. Co. Ltd.; 17 arc rect. G. E. tot. 850 lt. 4 amp.

— city arcs all nt; 1000 5-lt. tung. cluster standards; midnt. & all nt.

L 16

**WARDNER,** — Bull River Elec. Pwr. Co. Ltd.; cap. $2,000,000; bds. $75,000.

¶ Pres. & Mgr. Geo. E. Henderson. Wardner
V. Pres. Herman Schultz...Madison, Wis.
Sec. D. S. Guinter....... Sioux Falls, S.D.
*Treas. Chas. A. Heckmaster. Canton, S.D.

12,600 hp. hydro-elec. plant.

T W 61

## MANITOBA.

**BOISSEVAIN,** 979—Munic. Elec. Lt. Plant; bds. $22,000.

Sec. G. C. Smith..............Boissevain
*Supt. J. Richardson............ "
Engr. Pwr. Sta. Geo. Hill...... "

1 a. c. Allis-C. Bull. 75 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 135 hp. e. Goldie & McC; 200 hp. b. Goldie & McC.

5 A. B. arcs; moonlt; coal.

L S 2 ✠ 25

**BRANDON,** 12,500—The Brandon Elec. Lt. Co., Ltd.; cap. $400,000.

*Pres. E. L. Christie..............Brandon
V. Pres. D. M. Walker........... "
¶ Sec. Treas. & Mgr. G. A. Paterson "
Supt. Ovhd. Distribn. C. W. Cope "
Mgr. Stm. Htg. Dept.
C. R. Frantz....................... "
Engr. Pwr. Sta. James Mooring "

4 d. c. C. G. E. tot. 280 kw. 125-250 v; 5 a. c. C. G. E. tot. 2400 kw. 2300 v. 3 ph. 60 cys; a. c. & d. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 2300 v; d. c. mo. cir. 125-250 v; 3000 hp. e. Leonard; 2400 hp. b. Can. Fdy; 1980 hp. wtr. wh. Kennedy; trans. volt. 11,000 v. 3 ph. 60 cys. (Also stm. htg.)

City cont. 50 arcs 2000 c.p. $62.50 per yr; 200 incs. 100 w. $18 per yr; 200 5-lt. Standards 5 cts. per kw. hr; all nt; coal $6.40.
C D H L S W 3 ★26†

**CARBERRY,** 1,111—Munic. Elec. Lt Plant. Cost $15,000.
Sec. & Treas. A. E. Horton.......Carberry
*¶Supt. & Engr. Pwr. Sta.
M. J. Melville.................. "

1 a. c. West. 75 kw. 2200-105 v. 2 ph. 60 cys; 1 rect. 25 lts; a. c. nt. ltg. cir. 220-110 v; 100 hp. e. G. & McC; 250 hp. b. G. & McC.

16 city arcs series enc. 6.6 amp.; 7 city incs. nitro. 6.6 amp. tot, $1,600 per yr., moonlt. 2.30 A. M; coal $3.
L S 2 ✠ 16

**CARMAN,** 1,530—Munic. Elec. Lt. & Pwr. Plant; cost $18,000.
Mayor, F. Briaze..................Carman
Sec. & Treas. A. Malcalmson .... "
*Supt. F. W. Evans............... "
Engr. Pwr. Sta. E. George......... "

2 d. c. C. G.E., W.E. tot. 85 kw. 220 v: d. c. nt. ltg. cir. 220 v; 175 hp. e. McE. Robb; 166 hp. b. Vulcan, Waterous.

8 city tung. 500 w. 8 cts. per kwh; 40 tung. 100 w. 8 cts. per kwh; moonlt.; coal $6.50.
C L S ✠ 26

**DAUPHIN,** 1,671—Munic. Elec. Lt. Plant.
Sec. & Treas. J. W. Johnston.....Dauphin
*Gen. Supt. W. A. Brinkman...... "
Engr. Pwr. Sta. R. G. Argue...... "

3 a. c. C. G.E. West. tot. 340 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 210 v; 530 hp. e. Robb, McCulloch; 400 hp. b. Robb, McCulloch; steam htg.

48 city arcs series 6.6 amp. $150 per yr; 15 series incs. 80 c. p. $36 per yr; moonlt; wood $3.70.
D H L S 2 ✠ 16

**MINNEDOSA,** 2,000—Minnedosa Pwr. Co.; cap. $100,000.
Pres. Patrick J. McDermott...Minnedosa
*Sec. Treas. & Mgr.
Harold F. Maulson.......... "
Elecl & Mech. Engr.
Donald G. Sutherland........ "

1 a.c. Swedish G. E. 300 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir 110 w. 60 cys; a. c. day & nt. mo. cir. 110-220 v.s. & 3 ph. 60 cys; 450 hp. wtr. wh. Kennedy.

City cont. 20 incs. 250 w. $30 per yr; 50 incs. 100 w. $15 per yr; all nt.
D L W 1 3 ✠ 25

**MORDEN,** 1,438 — Munic. Elec. Lt. Plant; cost $10,000.
*Mayor, W. H. Lake..............Morden
Treas. C. McCorquodale.......... "
¶Mgr. & Engr. Pwr. Sta.
J. H. Forster...................... "
Asst. Engr. P. Brunn............ "

2 a. c. Natl, C. G. E. tot. 80 kw. 1100 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Leonard; 150 hp. b. Frost.

38 city Tung. 150 w. $75 per mo; moonlt; coal $6.24.
L S 1 ✠ 23

**NEEPAWA,** 1,895—Munic. Elec. Lt. Plant; cost $40,000.
Mayor, John Brown ............Neepawa
Sec. & Treas. J. W. Bradley.... "
*Supt. E. G. Balkwill............ "

2 a. c. C. G. E. tot. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. s. & 3 ph. 60 cys; 300 hp. e. Armstrong, Robb; 300 hp. b. G. & McC.

130 series Tung. 100 & 250 c. p; dark hrs; wood $4 & $4.50, and coal $6.75.
D L S 1 3 ✠ 85

**PORTAGE LA PRAIRIE,** 6,000—Portage Munic. Pwr. Plant.; bds. $110,000; cost $150,000.
Sec. & Treas. W. R. Grieve.
Portage La Prairie
*Supt. Russell J. Hill.. " "
Engr. Pwr. Sta.
Adam Daum.............. " "

2 a. c. C. G. E. tot. 600 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-115 v; a. c. mo. cir. 220 v; 900 hp. e. G. & McC, Galt; 600 hp. b. G. & McC.

City cont. 36 arcs series 7.5 amp. $50 per yr; 140 Tung. series 80-200 c. p. 7.6 amp. 30 cts. per c. p. per yr; all nt; coal $5.59.
D L S 3 ✠ 16

**ST. BONIFACE,** 9,992 — Winnipeg Elec. Ry. Co. See Winnipeg.

**SWAN RIVER** — *Munic. Elec. Lt. Plant.
L 23

**WEST SELKIRK,** 2,701—Munic. Elec. Ltg. System, P. O. Box 98; cost $25,000.
Sec. & Treas. D. J. Black......W. Selkirk
*¶Mgr. Cont. Agt. & Ch. Engr.
R. Maurice...................... "

Purchases energy from Winnipeg, Selkirk & Lake Winnipeg Ry.; trans. volt. 2300 v. 3 ph. 60 cys; 37 transf. Packard tot. 900 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys.

175 city tung. series 6.6 amp. 6 cts. per kwh., all nt.
D L 3 ✠ ★16

**WINNIPEG,** 132,720—Winnipeg Elec. Ry. Co. Office, 218 Portage Ave. gen. station at Lac du Bounet, cap. $10,000,000; bds. $9,000,000.
Pres. Sir Wm. MacKenzie..Toronto, Ont.
V. Pres. A. M. Nanton..........Winnipeg
Sec. & Treas. F. Morton Morse. "
Audr. Marwick, Mitchell & Co. "
*Gen. Mgr. & Ch. Engr.
Wilford Phillips.........Lac du Bounet
Actg. Gen. Mgr. Harry Hartwell. Winnipeg
¶Pur. Agt. J. S. MacKenzie.... "
Supt. Wilson Phillips........... "
Engr. Pwr. Sta. H. E. Phillips. "

14 a.c. C. G.E. tot. 30,000 kw. 2200 v. 3 ph. 60 cys; 10 mot. gen. C. G. E. tot. 10,480 kw; trans. volt. 60,000 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550 v; d. c. st. ry. cir. 550 v; 2,000 hp. e. G. & McC; 19,000 hp. b. Bab. & W; 9000 kw. stm. turb. g. e; 30,000 hp. turb. (wtr.) Morgan-Smith.

City cont. 100 arcs series 2000 c. p. $73 per yr; all nt. (Co. also lts. Rosser and St. Boniface and sells energy in bulk.)
C D R S W 3 ✠ ★26w

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Munic. Elec. Lt. Plant. Office, 54 King St. Plant at Point du Bois, 77 miles distant; cost $7,377,000.
Mayor, R. D. Waugh.............Winnipeg
Mgr. J. G. Glassco................ "
Cont. Agt. R. A. Sara.............. "
*Ch. Engr. E. V. Caton......... "
Engr. Pwr. Sta. J. W. Sanger. Point du Bois

8 a. c. Vicker tot. 87,300 kw. 6600 v. 3 ph. 60 cys; trans. volt. 66,000 v: 34 rect. G. E. tot. 2100 lt; 22 arc mchs. West, G. E, Jandus tot. 1100 lt; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550-2200 v: 51,600 hp. turb. (wtr.) Boring, Escher Wyss.

987 a. c. enc. city arcs 7.5 amp; 1456 C. G. E. magnetite city arcs 6.6 amp; 44 West. flame city arcs 10 amp; 175 city series inc. 7.5 amp. 200 & 100 w; 388 city incs. multiple 100 w; all nt. (Also lts. Transcona.)
D N W 3 ✠ ★16

## NEW BRUNSWICK.

**BATHURST,** 1,200—The Bathurst Elec. & Wtr. Pwr. Co.; cap. outstg. $125,000; no bds.

¶Pres. Treas. & Mgr.
John P. Legeo.................Bathurst
V. Pres. H. Melanson............ "
Sec. P. J. Veniot ................ "
*¶Supt. & Ch. Engr.
Peter J. Legeo................. "
Engrs. Pwr. Sta. { Leonard Brennan Teteagouche South
H. Henry.... " "

2 a. c. C. G. E. tot. 430 kw. 6600-2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 1220 hp. turb. (wtr.) Jenks.

City cont. 30 arcs; 90 incs. 60 w. $10 per yr. all nt.

D L W 3 ✠ ★16

**CAMPBELLTON,** 3,250—Munic. Elec. Lt. & Pwr. Dept. cost $80,000.
*¶Mgr. Hiram G. V. Farrer..Campbellton

2 a. c. C. G. E. tot. 300 kw. 2300 v. 3 ph. 60 cys; 2 rect. C. G. E. tot. 20 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 110-220 v. s. & 3 ph. 60 cys; 525 hp. e. (gas) Premier; 525 hp. gas pro. Can. Fdy, Smith Gas Co.

83 city arcs magn. 4 amp. $35 per yr; 85 city incs. series 4 amp. $15 per yr; all nt; coal $6.

D G L 1 3 ✠ 16

**CENTREVILLE,** 600 — Centreville Elec. Lt. Plant.
*Owner & Mgr. C. M. Cherwood Centreville

2 d.c. C.G.E. tot. 60 kw. 110 v; no day cir; 150 hp. turb. Samson.

C L W ✠ 16

**CHATHAM,** 3,000—Munic. Elec. Lt. Plant; cost $71,000; bds. $65,000.
Chmn. Lt., Wtr. & Sewer Com.
D. P. Maclaghlan..............Chatham
*¶Mgr. & Engr. Pwr. Sta.
A. N. McKay................. "

3 a. c. West, Greenwood, Bately tot. 375 kw. 1100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 224-112 v. 60 cys; a. c. day & nt. mo. cir. 224-112 v. s. & 2 ph. 60 cys; 300 hp. stm. turb. Greenwood & B, De Laval; 450 hp. b. Can. F. Co.

12 city arcs 480 w. $72 per yr; 135 Tung. and carbon 100 w. $12 per yr; all nt; coal $3.10.

D L S 1 2 75

**EDMUNDSTON,** 1,821—Munic. Elec. Lt. Plant. Pwr. plant on Green River.
Mayor, Dr. Sermany..........Edmundston
Sec. & Treas. Thomas Girette "
Audr. Emile Baurquin...... "
*Supt. Francis X. Aubin.... "
Engr. Pwr. Sta.
Albert Fournier........... "

2 a. c. Allis-C, Bull, tot. 230 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. s. ph. 60 cys; 500 hp. wtr. turb.

160 city incs. series 80 w; coal.

D L W 1 25

**FAIRVILLE,** 1,500—The St. John Ry. Co. See St. John.

**FREDERICTON,** 7,000 — Fredericton Gas Lt. Co.; cap. $50,000, 6 p. c. div.; no bds.
Pres. Stewart L. Morrison....Fredericton
*¶Sec. & Treas.
Luke S. Morrison.......... "
Supt. & Engr. Pwr. Sta.
Harry D. White............. "

3 a. c. C. G. E, West. tot. 700 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir. 110-220 v. 2 ph. 60 cys; 700 hp. e. A. & S, Robb, Lawrie, West; 475 hp. b. Robb.

Coal $5.80.

D L S 2 ✠ 44

Munic. Elec. Lt. Plant; cost $20,000.
Elec. Lt. Com. { *Chm. A. B. Kitchell Fredericton
Mr. Guthrie....... "
Mr. Wilkinson.... "
Supt. & Ch. Engr.
A. A. Davidson ............. "

2 d.c. arc C.G.E. tot. 200 lt; 1 a. c. G. E. 50 kw. 2300-500 v. 3 ph. 60 cys; 250 hp. e. Goldie & McC; 250 hp. b. Robb, A. & S.

95 city arcs 1200 c. p; coal.

L S 3 23

**GRAND FALLS,** 1,530—Maine & New Brunswick Elec'l Pwr. Co., Ltd. See Presque Isle, Me.

**MILLTOWN,** 1,804—St. Croix Gas Lt. Co. See Calais, Me.

**MONCTON,** 9,000—Moncton Tramways, Electricity & Gas Co. Offices, Pittsburg, Pa. and Moncton, N. B. (Plant leased from city.)
Pres. Robert Law, Jr.
Farmers' Bank Bldg., Pittsburg
V. Pres. & Gen. Mgr.
E. B. Reeser ....... " "
Sec. E. O. Bartlett... " "
Treas. Homer C. Stewart " "
Cont. Agt. E. A. Cummings.....Moncton
*¶Gen. Supt. & Ch. Engr.
A. B. Coryell....P. O. Box 23 "
Ch. Engr. Pwr. Sta. Geo. Scott "

2 a.c. G. E. tot. 600 kw. 1100 v. 2 ph. 60 cys; 2 d. c. C, G. E. tot. 375 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 1200 hp. e. Robb, Peerless; 750 hp. b. Robb, Int.

City cont. 59 arcs G. E. series 1200 c. p. $65 per yr; 261 inc. series 50 c. p. $17 per yr; all nt; coal $2.70. (Co. also lts. Humphreys, Georgetown, Sunny Brae and Lewisville.)

C D R S 1 2 ✠ ★16

**NEWCASTLE,** 4,000—Munic. Elec. Lt. Plant.
*City Clerk, J. E. T. Lindon....Newcastle
Supt. & Ch. Engr. J. W. Murray "

2 a. c. C. G. E. tot. 225 kw. 2200-110 v. 2 ph. 60 cys; 375 hp. e. Goldie, McC, Leonard; 350 hp. b. C. G. E.

Coal $3. (Contemplates establishing day service.)

L S 2 ★26E

***PORT ELGIN,** 750—The Eastern Elec. & Devel. Co. See Sackville.

**REXTON,** 600—Kent Elec. Co., Ltd. See Richibucto.

City cont. 40 incs. 50 c. p. $10 per yr.

L 85

**RICHIBUCTO,** 800—Kent Electric Co., Ltd. (Owned and operated by The Swedish-Canadian Lumber Co.)
Pres. O. W. Nordin...............Nordin
*Mgr. A. Kulinder...............Rexton
Engr. Pwr. Sta.
Coster Amireaux............Richibucto

1 a. c. West. 75 kw. 2200 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 100 hp. e. Robb; 225 hp. b. Robb-M.

City cont. 90 tung. $10 per yr; 1 A. M; sawdust and wood. (Co. also lts. Rexton.) (Plant not in operation pending reorganization of Co.)

L S 1 75

**ST. JOHN,** 40,700—The St. John Ry. Co.; cap. $1,000,000; bds. $1,250,000.
Pres. Hugh H. McLean..........St. John
V. Pres. Fred. R. Taylor........ "
*¶Sec. & Gen. Mgr. H. M. Hopper "
Treas. G. O. Peters.............. "
Audr. P. F. Blanchet............ "
Elec. Engr. H. A. Brown........ "
Engr. Pwr. Sta. J. Geary........ "

2 d. c. (ry.) C. G. E. West. tot. 2000 kw; 5 a. c. C. G. E, G. E. tot. 4250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 107 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v.

s. & 3 ph. 60 cys; 4000 hp. e. Laurie, Robb, McI. & S; 1800 hp. b. Bab. & W.
City cont. 378 enc. arcs 7.5 amp. $75 per yr; 94 tung. 100 w. $25 per yr; 4,000 hrs; coal $3.55 to $3.60. (Also lts. Fairville and Rothesay.)
C D R S 1 3 ✠ 26

**ST. STEPHEN,** 2,800—St. Croix Gas Lt. Co. See Calais, Me.

**SACKVILLE,** 2,000—The Eastern Elec. & Devel. Co.; cap. $250,000. (Plants in Sackville & Port Elgin.)
Pres. C. W. Fawcett............Sackville
V. Pres. M. G. Siddall.........Port Elgin
*Sec. & Treas. K. S. Pickard....Sackville
Ch. Engr. B. J. McHaffey...... "
3. a. c. C. G. E. tot. 275 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 540 hp. e. Robb; 380 hp. b. Robb.
City cont. 106 series incs. 20 c. p. $15 per yr; moonlt; coal $3.25. (Co. also lts. Middle Sackville and Port Elgin.)
D L S 3 75

**SHEDIAC,** 1,700—Shediac Elec. Lt. & Pwr. Co.; cap. $21,000; bds. $8,000.
Pres. Jas. E. White...............Shediac
Sec. Jas. McQueen............... "
*¶Treas. & Mgr. E. A. Smith..... "
Supt. & Engr. Pwr. Sta.
Alfred Croteau ................ "
1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 122 hp. wtr. wh. Kennedy.
City cont. 49 series Tung. 40 w. $10.50 per yr; all nt.
L W 3 ★16

**SUSSEX,** 2,000—The Sussex Mfg. Co., Ltd.; cap. $100,000.
Pres. S. H. White..................Sussex
V. Pres. S. J. Goodliffe........... "
Sec. & Treas. W. J. Mills......... "
*Mgr. W. N. Robinson.. ........ "
Audr. J. P. Atherton.............. "
2 a. c. Royal tot. 100 kw. 2000 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v; 225 hp. e; 225 hp. b.
City cont. 80 incs. series 80 c. p. $18.25 per yr; all nt; coal; refuse.
L S 2 ✠ 16

**WOODSTOCK,** 8,500–Woodstock Elec. Ry., Lt. & Pwr. Co.
Pres. J. A. Hayden...........Woodstock
*V. Pres. & Mgr. C. D. Johnson "
Sec. & Treas. A. G. Bailey...... "
Engrs. } Geo. King........... "
Pwr. Sta. } Geo. Sutton.......... "
2 a. c. C. G. E. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. day cir. 2200 v; 300 hp. e. Leonard; 1 b. Leonard; 500 hp. turb. (wtr.) Jenckes.
City cont. 43 arcs 1200 c. p. $45 per yr; 8 incs. $16 per yr; all nt.
D R S W 3 ✠ 25

## NOVA SCOTIA.

**AMHERST,** 8,927—The Canada Elec. Co., Ltd. Office, 11 Victoria St. Pwr. plant, Chignecto Mines. (Controlled by the Maritime Coal, Ry. & Pwr. Co., Ltd.); cap. outstg. $50,000; bds $30,000.
Pres. Alex. MacLaurin
524 Bd. of Trade Bldg., Montreal, Que.
V. Pres. Hon. Wm. Mitchell
524 Bd. of Trade Bldg., " "
*Sec. Treas. & Supt. N.T. Avard. Amherst
5 a. c. C. G. E. West. tot. 2350 kw. 1,000-2200 v. 3 ph. 60 cys; a. c. day & nt. tg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-550-2200 v. 3 ph. 60 cys; 1850 hp. e. Robb: 1550 hp. b. Robb.
City cont. 500 incs. 30,40 & 50 c.p. $13.75 $15 & $17.75 per yr; all nt. moonlt; coal $1.32. (Co. also lts. Maccan, River Herbert, Joggins Mines, Nappan and Chignecto Mines.)
D L S 3 ✠ ★16

**ANNAPOLIS,** 1,500—Munic. Elec. Lt. Plant.
Treas. & Town Clerk, F. W. Harris
Annapolis
*Supt. S. Rippey................ "
1 a. c. 125 kw. West. 2300-104 v. 2 ph. 60 cycs; no day cir; 240 hp. turb. Jenckes.
L W 2 16

**ANTIGONISH,** 1,526—Antigonish Elec. Co.; cost $17,000.
Owner & Mgr.
Jas W. Taylor.....Box 93, Antigonish
Ch. Engr. Neil McNeil........ "
3 d. c. C. G. E, West. tot. 105 kw. 125 v; d. c. nt. ltg. cir. 115 v; 60 hp. e. Robb; 60 hp. b. Matheson.
City cont. 40 tung. 40 w. $15 per yr., moonlt. 2.30 A. M.; coal $2.70.
C L S ✠ ★16

**BEAR RIVER,** 1,200—Bear River & Digby Elec. Lt., Ht. & Pwr. Co.; cap. $7,000.
Pres. C. H. Purdy ............Bear River
V. Pres. Wm. R. Rice......... "
¶ Sec. & Treas. W. G. Clarke. "
Mgr. W. M. Romans.......... "
*Supt. & Ch. Engr. D. Jack... "
1 a. c. West. 50 kw. 2200 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 80 hp. turb. Pelton.
L W 3 ✠ 16

**BRIDGETOWN,** 900—The Bridgetown Elec. Lt. & Pwr. Co., Ltd.; cap. auth. & pd. in $20,000; no bds.
Pres. Treas. & Mgr.
J. W. Beckwith....Bridgetown
*Sec. & Supt. F. R. Beckwith. "
Ch. Engr. H. Sabean......... "
1 a. c. C. G. E. 90 kw. 2300-110 v; a. c. ltg. cir. 240 v; — hp. turb. Pelton.
City cont. 40 incs. 32 c. p. $20 per yr; all nt.
L W X ✠ 25

**BRIDGEWATER,** 1,816—Munic. Elec. Lt. Plant; cost $60,000.
*Supt. M. D. Hebb...........Bridgewater
Eng. Pwr. Sta. Ephriam Haines "
1 a. c. 200 kw. 2300 v. 2 ph. 60 cys; a. c. nt. lt. cir. 110 v; 316 hp. turb. (wtr.) Jenks.
L W 2 ✠ 16

***CARLETON**—Yarmouth Lt. & Pwr. Co. See Yarmouth.

**DARTMOUTH,** 4,806—Dartmouth Gas, Elec. Lt., Htg. & Pwr. Co. (Ltd.); cap. $80,000.
Pres. J. White................Dartmouth
V. Pres. B. G. Burrell.............Halifax
*Sec. & Treas. J. H. Austin...Dartmouth
¶ Mgr. & Ch. Engr.
J. Lester Griffin.............. "
3 a. c. C. G. E., A. B. C. tot. 260 kw. 2200 v. s. & 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 300 hp. e. F. M. & Co. (gas & stm.); 150 hp. b. Robb; 67 hp. turb. Jenkes.
City cont. all nt.
D G L S W 1 3 79

**DIGBY,** 1,350—Daley's Elec. Co.; cap. auth. & pd. $12,500.
Owner, J. Daley...................Digby
*¶Mgr. Eng. Pwr. Sta. A. D. Daley "
1 a. c. C. G. E. 2300 v; 18 transf. C. G. E. tot. 1500 kw; a. c. nt. ltg. cir. 104 v; 136 hp. Robb: 150 hp. b. Robb.
City cont. 70 tungs. 40 w. $12.50 per yr; 1 A. M; coal $4.
L S X ✠ 16

**GLACE BAY,** 15,291—Munic. Elec. Lt. Plant; cost $95,884; bds. $85,000.
Mayor, Dan Cameron...........Glace Bay
Town Clerk, Neil F. McNeil.. "
*Supt. F. W. Frizzell.......... "
2 a. c. C. G. E. tot. 400 kw. 2200 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 700 hp. e. Robb; 600 hp. b. Robb.

500 city incs. 30 to 80 c. p. $12 per yr; all nt; coal $2.75.
L S 2 75

**HALIFAX,** 54,000—Halifax Elec. Tramway Co. (Ltd.); cap. $1,400,000; bds. $600,000, 5 p. c int.
Pres. E. A. Robert........Montreal, Que.
V. Prests. Hon. N. Curry " "
J. W. McConnell " "
O. E. Smith..........Halifax
Compt. J. R. Blackett............ "
Sec. W. J. De Blois............... "
*¶Mgr. & Ch. Elecn. J. W. Crosby "
Supt. & Ch. Engr. Pwr. Sta.
P. A. Freeman.................. "
3 a. c. C. G. E. tot. 1800 kw. 2200 v. 3 ph. 60 cys; a. c. ltg. cir. 104 v; a. c. mo. cir. 2200 v; d. c. pwr. cir. 550 v; 3700 hp. e. R. & S; 1750 hp. b. Bab. & W.
City cont. 400 arcs 2000 c. p. $65 per yr; moonlt; coal $3.50 to $4.
C D R S 3 16

**KENTVILLE,** 2,750—Kentville Elec. Lt. & Pwr. Co.; cap. auth. and pd. in $13,500; 6 p. c. div.
Pres. Judge Chipman............Kentville
*¶ Sec. & Treas. Chas. Smith.. "
Supt. C. S. Baird................ "
2 d. c. 106 v; d. c. day cir. 104 v; 125 hp. e. Ball.
City cont. 43 incs. 32 c. p. $15 per yr; 10 P. M.; coal $4.
C D L S 27

**LIVERPOOL,** 2,916—Munic. Elec. Lt. Plant; cost $93,500; bds. $93,500, 4 p. c. int.
¶ Pur. Agt. T. R. Bartling.....Liverpool
*Supt. A. H. Drew.............. "
2 a. c. Bull. tot. 450 kw. 2500 v. 2 ph. 60 cys; a. c. ltg. cir. 104 v; 750 hp. turb. Jencke.
L W 2 ✠ 16

**LUNENBURG,** 2,916—Lunenburg Gas Co. (Ltd.); cap. $45,000.
Pres. & Supt. T. G. Nicol.........Mahone
V. Pres. J. Jos. Rudolf .......Lunenburg
Sec. & Treas. S. D. Herman.. "
*Mgr. E. L. Nash............... "
Engr. Pwr. Sta. C. E. Nicol.....Mahone
1 a. c. West. 200 kw. 3500 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 400 hp. turb. (wtr.) Smith.
City cont. 70 incs. Carbon, 20 c. p. $12 per yr; all nt. (Contemplates establishing day service.)
L W 3 ✠ 16

**MACCAN,** 250 — Maritime Coal Ry. & Pwr. Co., Ltd. Main office, 222 St. James St., Montreal. (Controls Canada Elec. Co., Ltd). Pwr. house at Chignecto; cap. $200,000; bds. $717,000.
*Pres. Hon. Wm. Mitchell.......Montreal
V. Pres. A. E. Dyment...........Toronto
Sec. R. W. Wilson..............Montreal
Treas. David Mitchell............Amherst
Mgr. G. B. Burchell.........Joggins Mines
Engr. Pwr. Sta. Walter Cook..Chignecto
Ch. Elecn. L. L. Henley........ "
2 a. c. West. tot. 1000 kw. 11000-2200 v; 3 ph. 60 cys; pwr. cir. 2200-220v; 1500 hp. e. Amherst, Robb; 1400 hp. b. Amherst, Robb; 30 mi. trans. to Maccan, Amherst and Joggins; coal $1.50. (Co. sells energy to mfrs.)
T S 3 ✠ 22

**NEW GLASGOW,** 6,000—Pictou County Elec. Co. See Stellarton.

**NEW WATERFORD,** —— *Waterford Public Utilities Co.
Power purchased from Dominion Coal Co., Glace Bay; trans. 6600 v. 3 ph. 25 cys.
1 transf. 75 kw. 6600-2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. & mo. cir. 110 v. 3 ph. 25 cys.
D L 3 44

**NORTH SYDNEY,** 6,000—Cape Breton Elec. Lt. Co., Ltd. See Sydney.

**OXFORD,** 1,500—Oxford Elec. Lt. Co. Ltd.; cap. $5,000.
Pres. N. H. Wood..................Oxford
*V.Pres., Cont. Agt. & Engr. Pwr. Sta.
T. W. Thompson................ "
¶Sec., Treas. & Mgr. Geo. Hills.... "
1 a. c. Royal 72 kw. 2400 v. 2 ph. 60 cys; a. c. nt. ltg. cir; 65 hp. e. Robb; 65 hp. b. Robb.
City cont. 800 incs. 16 c. $600 per yr; moonlt; coal & wood.
L S 2 ✠ 23

**PARRSBORO,** 2,705—Munic. Elec. Lt. Plant; cost $18,000; bds. $12,000.
¶Clerk & Cont. Agt. H. T. Smith. Parrsboro
*Supt. & Engr. Pwr. Sta.
Jules Choisnet................. "
2 a. c. Warren, Royal tot. 95 kw. 2200 v. s. & 2 ph. 133 cys; a. c. nt. ltg. cir. 104 v; 140 hp. e. Robb; 250 hp. b. Robb.
100 city incs. 32 c. p. $10 per yr; all nt; coal $2.15.
L S 1 2 ✠ 25

***RIVER HERBERT,** 1,500 — The Canada Elec. Co. See Amherst.

**SHUBENACADIE,** 350 — Stewiacke Elec. Lt. & Pwr. Co. See Stewiacke.
a. c. nt. (mdnt.) ltg. cir. 110 v; a. c. nt. (mdnt.) mo. cir, 110 v. 3 ph. 60 cys.
L 3 16

**SPRING HILL,** 5,178 — Edison Elec. Lt. & Pwr. Co. of Spring Hill (Ltd.); cap. $24,000.
Pres. W. J. Pippy ............Spring Hill
*Sec. & Treas. W. H. Murray.. " "
3 a. c. C. G. E, Bull. tot. 350 kw. 2080 v. s. & 2 ph. 60 cys; a. c. nt. ltg. cir; 104 v; 450 hp. e. McI. & S, Leonard; 240 hp. b. Robb.
City cont. 200 incs. 16 c. p. $11 per yr; all nt; coal $2.25.
L S 1 2 ✠ 16

**STELLARTON,** 3,051—Pictou County Elec. Co., Ltd.; cap. $420,000; bds. $420,000.
Pres. Chas. A. Flaherty,
18 Tremont St., Boston, Mass.
*¶ V. Pres. & Gen. Mgr.
Leonard T. Flaherty.....New Glasgow
Sec. & Treas. Wm. B. Rogers,
Dedham, Mass.
Engr. Pwr. Sta. D. Ormiston. New Glasgow
4 d. c. C. G. E, tot. 625 kw. 550 v; 3 a. c. C. G. E, tot. 675 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104-112 v. 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 2000 hp. e. Robb H. F. & M; 1150 hp. b. Matheson, Robb.
City cont. 30 arcs, 450 w. $55 per yr; 596 incs. 40 w. $11 per yr; coal. (Co. also lts. Westville, New Glasgow and Trenton.)
C D R S 3 ✠ 16

**STEWIACKE,** 474—Stewiacke Elec. Lt. & Pwr. Co.; cost $5,000.
*Pres. G. R. Marshall.........Stewiacke
V. Pres. G. W. Marshall ..... "
Sec. N. B. Marshall............ "
¶ Mgr. J. W. Glover............ "
Engr. Pwr. Sta. Roy Weaver.. "
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. (mdnt) ltg. cir. 110 v; 215 hp. e. Ham, Robb; 215 hp. b. Oxford, St. John Iron Wks.
City cont. 55 incs. 40 w. $12 per yr; mdnt; wood & shavings; tot. $1,500 per yr. (Co. also lts. Shubenacadie.)
L S 3 ✠ ★16

**SYDNEY,** 18,000—Cape Breton Elec. Co., Ltd. (Co. does entire elec. ltg. and elec. ry. business in Sydney, entire elec. ltg. business in North Sydney, ferry business between Sydney and North Sydney and

operates an interurban line.) (Controls Sydney & Glace Bay Ry. Co., Ltd.) (pwr. stas. in Sydney & N. Sydney; total gen. cap. 1800 kw.) cap. (prfd.) $234,000; (com.) $1,125,000; bds. $1,067,000.
Pres. A Stuart Pratt,
147 Milk St.................Boston, Mass.
V. Pres. Frederick S. Pratt " "
Sec. Wm. T. Crawford...... " "
Treas. H. B. Sawyer........ " "
Gen. Mgrs. Stone & Webster
Mgt. Assn................. " "
Mgr. Earle L. Milliken............Sydney
¶ Pur. Agt. M. C. Smith.............. "
Supt. Ry. J. B. Bulley............... "
Supt. Lt. & Pwr. F. A. Spencer... "
Ch. Engr. Pwr. Sta. D. Webber... "
4 d. c. C. G. E, C.-W, Ft. W, West. tot. 350 kw. 550 v; 3 a. c. C. G. E. tot. 1100 kw. 2200 v. 2 ph. 60 cys; a. c. day cir. 2300 v; d. c. (ry.) cir. 550 v; 2205 hp. e. Laurie, Robb-Armstrong, McE; 1775 hp. b. Robb; 500 kw. turb. (stm.) Allis-C.
City cont. 22 arcs 450 w; 391 incs. 32 c.p; moonlt. (Co. also lts. No. Sydney.)
C D R S 2 ★26

**SYDNEY MINES,** 6,000—Sydney Mines Elec. Co; cap. stk. $50,000.
Pres. Hon. J. J. Murphy,
St. Johns, Newfoundland
V. Pres. & Mng. Dir. Robert J. Murphy,
St. Johns, Newfoundland
Sec. & Treas. C. S. Egan...Sydney Mines
Ch. Engr. C. S. Boucher.... "
2 a. c. West. tot. 275 kw. 2200 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; d. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 400 hp. e. Gates, Cor; 350 hp. b. Worth, Heine. Energy also purchased from N. S. Steel & Coal Co.
City cont. 166 series Madzas 5.5 amp. 0 c. p. $19 per yr., moonlt; coal $2. (Also ts. Florence.)
D L S 2 ★105

**TRENTON,** 1,441—Picton Co. Elec. Co. See Stellerton.

**TRURO,** 6,107 -Chambers Elec. Lt. & Pwr. Co., Ltd; cap. auth. & pd. in $100,000, 7 p. c. div; bds. $13,000.
Pres. & Mgr. S. G. Chambers......Truro
Sec. & Treas. K. M. Hiltz......... "
9 d. c. G. E. tot. 415 kw. 125 v; d. c. day & nt. ltg. cir. 115 v; d. c. day & nt. mo. ir. 230 v; —— hp. e. Robb, Armstrong; 00 hp. b. Robb-M.
5000 com. incs. 15 cts. per kw; coal $3.
C D L S ✠ 44

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Munic. Elec. Lt. Plant; cost $16,000.
¶ Supt. G. C. McDowell..........Truro
Engr. Pwr. Sta. E. P. Iler.......... "
1 a. c. C. W. 50 kw. 2300 v. 3 ph. —— ys; 90 hp. e. Robb-Armstrong: 300 hp. b. Robb-Eng.
City cont. 400 series inc. 47 w; 52 3-lt. lusters Mazdas 40 w. series 4 amp; coal 3.85. (Street ltg. only.)
L S 3 25

**VESTVILLE,** 3,421 —Pictou County Elec. Co. See Stellarton.

**VINDSOR,** 3,398 — Windsor Elec. Lt. & Power Co.; cap. $25,000.
res. E. N. Dimock.............Windsor
ec. G. H. Curry................. "
Supt. P. J. Mosher............. "
a. c. nt. ltg. cir; 100 hp. e; coal.
L S 75

**VOLFVILLE,** 1,412 — Acadia Elec. Lt. Co.
Sec. & Mgr. D. R. Munro....,Wolfville
reas. G. W. Monro............. "
2 a. c. C. G. E. tot. 115 kw. 2500 v. 3 ph. 0 cys; a. c. ltg. cir. 110 v. 60 cys; a. c. o. cir. 2500 v. s. ph. 60 cys; 125 hp. e. Leonard; 50 hp. e. (oil) (Stockholm); 130 hp. b. Internl.
Coal $3.80; oil 7 cts
G L S 1 3 25

**YARMOUTH,** 6,430—Yarmouth Lt. & Pwr. Co., Ltd. Office, Main St. (Pwr. plants in Yarmouth and Carleton); cap. $135,000; bds. $135,000.
Pres. Willard M. Kelley ........Yarmouth
V. Pres. Edgar K. Spinney........ "
Sec. & Treas. D. B. Stoneman "
*¶ Mgr. & Cont. Agt.
James Graham................ "
Ch. Engr. & Engr. Pwr. Sta.
J. C. Ross.................. "
3 a. c. C. G. E. tot. 525 kw. 2200 v. 3 ph. 60 cys; 1 d. c. C. G. E. 150 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2220 v. s. & 3 ph. 60 cys; d. c. pwr. cir. 550 v; 450 hp. wtr. wh. Smith; 400 hp. e. Leonard, Robb; 375 hp. b. Can. Fdry., B. J.
City cont. 350 incs. series 5.5 amp. $18 & $30 per yr; all nt; coal. (Co. also lts. Hebron.)
C D R S W 1 3 ✠ 25

## ONTARIO.

**ACTON,** 1,600—Munic. Elec. Lt. Plant; cost $8,500.
*Supt. C. N. Blackhall..............Acton
Buys pwr. from Hydro Elec. Pwr. Commission; trans. volt. 13,200 v. 3 ph. 25 cys; cost of pwr. $36 per hp. per yr; 3 transf. Siemens tot. 25 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 25 cys.
City cont. 150 series Mazdas 6.6 amp. 1000 c. p. $14 per yr; all nt.
D L 3 ✠ 25

**ALEXANDRIA,** 1,911 — Munic. Elec. Lt. Plant; cost $12,000.
*Mayor, F. F. Costello.........Alexandria
¶ Sec. & Treas. A. L. Smith.. "
Ch. Engr. Wm. Ritchie....... "
1 a. c. C. G. E. 120 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 125 hp. e. Laurie, 125 hp. b.
1400 com. incs. 16 c. p. $3 per yr; 1 A.M; coal $4.75.
L S 2 ✠ 68

**ALLISTON,** 1,352 — Alliston Elec. Lt. Co.
*¶Owner & Mgr. W. J. Cunningham
Alliston
Engr. Pwr. Sta. Jas. Trueman.... "
1 a. c. Royal 60 kw. 1040-110 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Goldie, McC; 150 hp. turb. (wtr.) Barber; 150 hp. b. Goldie McC.
City cont. 40 Tung. 60 w. $16 per yr; coal $4.60.
L S W 2 ✠ 16

**ALMONTE,** 3,023 — Munic. Elec. Lt. Plant; cost $37,000.
Pres. H. Jamieson..................Almonte
Chmn. A. A. Metcalf ............. "
Sec. R. L. McDonald.............. "
Treas. Sterling Bank............... "
*¶Mgr., Ch. Engr. & Elecn.
Duncan Forgie................... "
6 d. c. C. G. E. tot. 200 kw. 125 v; d. c. nt. ltg. cir. 110 v; 300 hp. turb. Barber.
18 city arcs 600 c. p. $70 per yr; com. incs. 8, 16 & 32 c. p. 84 cts, $1.35 & $2.70 per yr; moonlt.
C L W ✠ 16

**ALVINSTON,** 1,100 — The Alvinston Pwr. Co., Ltd.; cap. $11,400.
Pres. Robt. McLaughlin ...........Walkers
V. Pres. H. A. Gilroy.............Alvinston
*¶Sec., Treas., Mgr. & Engr.
Pwr. Sta. H. C. Pray........... "
1 d. c. West. 35 kw. 220-110 v; d. c. nt. ltg. cir. 110 v: d. c. mo. cir. 230 v; 50 hp. e. Leonard; 100 hp. b. Park.

City cont. 82 Mazdas 60 w. $8.90 per yr; moonlt; coal $3.25.
C L S ✠ 16

**AMHERSTBURG,** 2,222—Essex County Lt. & Pwr. Co., Ltd. See Leamington.

**ARNPRIOR,** 4,152—Galetta Elec. Pwr. & Milling Co., Ltd. Gen. sta., Galetta.
Pres. John Brennan..............Arnprior
V. Pres. Jas. W. Monro........ "
Sec. & Treas. M. Sullivan....... "
Audr. L. Macnamara........... "
*Gen. Supt. John R. Dodd. ... "

1 a. c. C. West. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-2200 v. s. & 3 ph. 60 cys; 800 hp. wtr. wh. Kennedy; trans. volt. 10,000 v.

City cont. 147 incs. 60 c. p. $9 per yr; all nt; coal. (Also lts. Galetta.)
D L W 1 3 ✠ 16

**AURORA,** 1,743-Munic. Elec. Lt. Plant.
*Gen. Supt. A. Langman..........Aurora

Purchases energy from Toronto & York Radial Ry; trans. volt. 4000 v. 3 ph; 22 transf. C. G. E., Packard tot. 300 kw; a. c. day & nt. ltg. cir. 115 v. 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys.

City cont. 300 tung. 100 w. $9 per yr., all nt; coal $4.50.
D L 3 16

**AYLMER,** 2,167—Munic. Waterworks & Elec. Lt. Dept; cost $30,000.
*¶Sec. & Mgr. D. C. Davis.......Aylmer
Ch. Engr. & Elecn. J. L. Millard. "

1 d. c. arc Ball 25 lt; 1 a.c. C. G. E. 120 kw. 104 v. s. ph. 60 cys; no day cir; 250 hp. e. Goldie & McC; 300 hp. b. Can. Fdry. Co.

24 city arcs 2000 c. p; com. incs. 8½ cts. per kw; all nt; coal $3.88; gas 10 cts.
L S 1 25

**AYR,** 1,040—Ayr Elec. Lt. & Pwr. Plant (Munic.)
*¶Mgr. & Engr. Pwr. Sta.
H. H. Fair..............................Ayr

1 a. c. C. G. E. 75 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; 65 hp. e. G. & McC; 80 hp. b. G. & McC.

City cont. 61 series incs. 4 amp. 75 w. 60 c. p. $12.50 per yr; moonlt. mdnt; coal $4.
L S 3 ✠ 44

**AYTON,** 400—Wenger Milling Co.
*Owner. A. Wenger.................Ayton

1 arc 100 lt. 110 v; d. c. nt. ltg. cir. 110 v; 1 wtr. wh. Little Giant.
C L W ✠ 26

**BADEN,** 1,000—Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**BANCROFT,** 700—*Fair & Mullett Elec. Lt. Plant.
Pres. R. C. Fair..................Bancroft
Mgr. C. W. Mullett............... "
Engr. Pwr. Sta. Wm. Wilcox.... "

1 arc Jones & Moore 1000 lt. 140 v; d. c. nt. ltg. cir. 125-85 v; 100 hp. turb. (wtr.) Ham.

City cont. 40 incs. $8 per yr; all nt.
C L W ✠ ★16

**BARRIE,** 7,000—Munic. Elec. Lt. Dept.
Chmn. J. Brown......................Barrie
Sec. & Treas. Jno. N. Hobley...... "
*Supt. J. A. Hare..................... "
Audr. Fred Marr...................... "

Energy purchased from Hydro-Electric Pwr. Commission: (steam plant in reserve) 2 a. c. Allis-C, S. K. C. tot. 300 kw. 2300 v. 2 ph. 60 cys; trans. volt. 25,000; 2 transf. C. G. E. tot. 700 hp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2300-220 v. 2 ph. 60 cys; 450 hp. e. G. & McC; .450 hp. b. G. & McC, Bab. & W.

500 city series Tung. 100 w. $12 per yr; all nt; coal $4.30.
D L S 2 ✠ 25

**BEACHVILLE,** 500—Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**BEAMSVILLE,** 1,096—Dominion Pwr. & Trans. Co., Ltd. See Hamilton.

**BEAVERTON,** 1,000—*Munic. Ltg. System. (City purchased property of the Beaverton Lt. & Pwr. Plant.)

Purchases energy from Hydro-Elec. Pwr. Comm; 1 a. c. West. 125 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 150 hp. e. (gas) Weber; 160 hp. gas pro. Weber.

City cont. 60 incs. 50 c. p. $14.50 per yr; moonlt. 11 p. m; coal $5.
D G L 3 25

**BEETON,** 721—Munic. Elec. Lt. Plant.
¶ Chm. Com. M. L. Aitken........Beeton
*Supt. & Ch. Engr. A. V. Guy..... "

1 a. c. Johnson 35 kw. 1000 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 65 hp. e. G. & McC; 85 hp. b. G. & McC.

21 city incs. 32 c. p. 50 v; 12 P. M. moonlt; coal $4.50.
L S 1 ✠ 75

**BELLEVILLE,** 10,012—*City Ltg. System.

Energy for pumping sta. and street ltg. purchased from Seymour Pwr. & Elec. Co., Ltd.
L 75

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Trenton Electric & Water Co., Ltd; for executive officers see Trenton.
Local Mgr. O. H. Scott.........Belleville

Purchases energy from Seymour Pwr. & Elec. Co; 3 transf. tot. 2250 kw; a. c. day & nt. ltg. cir. 120 v; a. c. day & nt. mo. cir. 2400-110 v. 3 ph. 60 cys.

City cont. 44 incs. 1000 c. p. 20 amp. $56.15 per yr; 502 incs. 80 c. p. 6.6 amp. $10 per yr.
D L 3 ✠ 16

**BERLIN,** 13,000—Munic. Elec. Lt. Plant; cost $300,000.
Chmn. Lt. Comn. N. G. Lippert ...Berlin
Sec. & Treas. Geo. Clarke......... "
*¶Mgr. V. S. McIntyre............. "
Ch. Engr. Ed. Freis................ "

Buys energy from Hydro-Elec. Pwr. Commission; trans. 110,000-13,200 v; 2 a. c. West. tot. 250 kw. 2200-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. mo. cir. 2400 v.

1989 city incs. 100 c. p. $9 per yr.
D L 3 ✠ 16

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Algoma Power Co. Main office, Berlin; pwr. plant at Michipicoten Falls; cap. stk. $100,000; bds. $100,000.
*Pres. & Mng. Dir. D. B. Detweiler. Berlin
V. Pres. O. Kinzie..................... "
Sec. & Treas. N. B. Detweiler...... "
Supt. Wm. C. Beattie. .Michipicoten River

2 a. c. Allis C, Bull. tot. 1050 kw. trans. 10,000 v. 3 ph. 60 cys: 2 d.c. Allis-C. Bull. tot. 77 kw. 110 v; 1800 hp. turb. (wtr.); 12 miles trans.

(Co. supplies energy to gold & iron mines, including Helen, Magpie & Iron Mine.)
T W 3 16

**BLENHEIM,** 1,708—Munic. Elec. Lt. Plant.
*¶ Supt. & Ch. Engr. Pwr. Sta.
C. E. Wharram...............Blenheim

2 a. c. Warren tot. 75 kw. 2200-110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 60 hp. e. Goldie & McC; 70 hp. b. Goldie & McC.

City cont. 17 arcs Helios 2000 c. p. $40 per yr; 15 incs 200 c. p. $12 per yr; mdnt; gas 17 cts.
L S 1 ✢ 25

**BLIND RIVER**, 2,750—*F. Deagle.
1 a. c. 250 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115-220 v; a. c. nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 200 hp. turb. (wtr.) Barber.
City cont. 60 Tungs. 600 w. $25 per yr. all nt.
D L W 1 2 3 75

**BLYTHE**, 927—Blythe Elec Lt. Plant. (Munic.)
*Ch. Engr. P. J. Uttley.............Blythe
1 a. c. C. G. E. 30 kw. 1154 v. s. ph. 133 cys; a. c. nt. ltg cir. 110 v; 60 hp. e. Cor; 160 hp. b. Waterous.
City cont. 5 Mazdas 60 c. p. $6 per yr; mdnt; coal $3.50 to $4.
L S 1 75

**BOBCAYGEON**, 1,000 — Munic. Elec. Lt. Plant; cost $25,000.
Chmn. E. J. Broad..........Bobcaygeon
*¶Sec. & Treas. Jas. Lithgow. "
Engr. Pwr. Sta. Wm. Carty .. "
1 a. c. G. E. 100 kw. 2200-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 200 hp. turb. Wms.
22 city arcs $40 per yr; 28 tung. 100 w. $5 per yr; all nt.
L W 3 ✢ ★16

**BOTHWELL**, 991—Munic. Elec. Plant; cost $12,000.
*Ch. Engr. & Elecn. E. Gilbert. Bothwell
2 d. c. C. G. E. tot. 20 kw. 125 v; 60 hp. e. Goldie & McC; 80 hp. b. E. L. & S.
9 city arcs 2000 c. p.; 600 com. incs. 16 c. p. $4.20 per yr.; coal $3. (Will purchase energy from Hydro-Elec. Pwr. Comm. of Ont )
C L S 65w

**BOWMANVILLE**, 3,377 — Seymour Pwr. & Elec. Co., Ltd. See Campbellford.
Local Mgr. L. J. Barry......Bowmanville
a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. mo. cir. 2400-440-220 v; trans. volt. 44,000 v. 3 ph. 60 cys.
City cont. 190 Tung. 60 c. p. $12 per yr; all nt. (Also lts. New Castle and Orono.)
D L 3 ✢ 16

**BRACEBRIDGE**, 3,000—Munic. Elec. Lt. Plant; cost $182,000; bds. $112,823.
*Sec. & Treas. A. C. Salmon. Bracebridge
¶ Mgr. W. C. Simmons .... "
3 a. c. C. G. E. tot. 1400 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2300-110 v; 2100 hp. turb. Jenckes, Kennedy.
1100 city incs. 16 c. p; all nt.
D L W 2 ✢ ★16

**BRAMPTON**, 3,352 — Brampton Elec. Lt. Co.; cost $60,000.
*Owner, J. McMurchy.........Brampton
Ch. Engr. B. Ostrander........Huttonville
Ch. Elecn. Geo. Ostrander......Brampton
Energy from Hydro-Elec. Pwr. Comm; 3 a. c. C. G. E. tot. 1000 kw. 22,000-110 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 220 v; a. c. mo. cir. 22,000 v; 100 hp. e. Goldie & McC; 100 hp. turb. (stm.); 400 hp. turb. (wtr.) Goldie & McC; 125 hp. b. Goldie & McC.
City cont. 35 arcs 2000 c. p. $44.11 per yr; moonlt. 1.30 A. M; coal $4.25. (Co. also lts. Huttonsville.)
D L S W 3 ✢ 23

**BRANTFORD**, 20,000—Dominion Pwr. & Transmission Co., Ltd. See Hamilton.
Local Mgr. A. T. Duncan ......Brantford
3 a. c. C. G. E. tot. 1200 kw. 2500-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 1200 hp. e. Waterous, Brantford; 1200 hp. turb. Dayton; 1000 hp. b. Waterous.
City cont. 240 arcs 1600 c. p. $55 per yr; 30 incs. 32 c. p. $12.50 per yr; 16,000 com. incs. 16 c.p. 8 & 9 cts. per kw. all nt; coal.
D L S W 3 ★16

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Brantford Hydro-Elec. System.
Comrs. { Chmn. A. McFarland..Brantford
G. Wedlake............ "
G. W. Bowlby ........ "
*Mgr. L. G. Ireland............. "
Supt. W. R. Catton ............. "
Energy purchased from Hydro-Elec. Pwr. Comm; 3 transf. C.-W. tot. 2250 kva; 2 mo.-gen. West. tot. 400 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 25 cys.
City cont. 150 arcs G. E. magn. $40 per yr; 2900 incs. mult. "C" 100 w. $8 per yr; all nt.
D L 3 ✢ ★16

**BRESLAU**, 300—*Munic. Street Lighting System.
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.).
L §26

**BRIGHTON**, 1,479—Trenton Elec. & Wtr. Co., Ltd. See Trenton.
Local Mgr. G. E. Chase..........Brighton
Purchases energy from Seymour Pwr. & Elec. Co. Ltd.; trans. volt. 44,000-2,200 v. s. ph. 60 cys; 3 transf. tot. 100 kva.
L 1 16

**BROCKVILLE**, 8,940—Public Utilities Comm; debent. $125,000.
Chmn. W. H. Kyle............Brockville
Sec. & Treas. J. Cameron...... "
*¶Gen. Mgr. & Ch. Engr.
E. J. Philips.................. "
Engr. Pwr. Sta. W. F. Chapman "
3 a. c. S. G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-550-220 v; 1050 hp. e. Belliss & Morcom; 800 hp. b. Bab. & W, Atlas. Energy also secured from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.); 3 transf. C. G. E. tot. 600 kw.
478 city incs. series 100 c. p. $13 per yr; 53 5-lt. stds. $40 per yr; 23 3-lt. stds. $30 per yr; all nt; coal $3.50.
D L S 3 ★104†

**BRUSSELS**, 1,204 — Brussels Elec. Lt. Co.; cap. $9,000.
Mgr. Jas. A. Sharp.............Brussels
*Engr. Pwr. Sta. John Patterson. "
1 a. c. U. E. Co. 75 kw. 230 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 230 v; 100 hp. e. G. & McC; 80 hp. e. G. & McC.
City cont. 9 Tung. clusters 400 c. p. $60 per yr; moonlt; coal $3.50.
L S 2 ✢ 23

**BURFORD**, 700—Burford Elec. Ht , Lt. & Pwr. Co.; cap. $7,000; no bds.
Pres. G. A. Aulseybrook.........Burford
*Sec. C. F. Saunders.............. "
Engr. Pwr. Sta. A. Rowe......... "
1 a. c. Natl. 35 kw. 1100 v. s. ph. 130 cys; 85 hp. turb. (wtr.) Wilson.
L W 1 23

**BURK'S FALLS**, 900 — The Knight Bros. Co. (Ltd.)
¶ Pres. Henry Knight.......Burk's Falls
V. Pres. Walter Sharpe............Toronto
Sec. & Treas. G. Snyder.....Burk's Falls
*¶Supt. & Ch. Elecn.
J. S. Parker................ "
1 d. c. U. E. Co. 112 kw. 500 v; 2 a. c. C. G. E. tot. 120 kw. 1040-104 v. s. ph. 125 cys; d. c. day mo. cir. 500 v; a. c. ltg. cir. 104 v. 125 cys; 225 hp. turb. (wtr.) Barber.
C D L W 1 ✢ 16

**BURLINGTON**, 1,400—Dominion Pwr. & Transmission Co., Ltd. See Hamilton.

**CACHE BAY,** 886—Northern Ont. Lt. & Pwr. Co. See Cobalt.
Trans. from Sturgeon Falls; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200 v. 2 ph. 60 cys.
D L 2 16

**CALEDONIA,** 952 — *Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**CAMPBELLFORD,** 2,424 — Munic. Elec. Lt. Plant. (Controlled by Water Wks. & Elec. Lt. Committee).
Chmn. A. E. Caddy........Campbellford
*Sec. E. C. West............ "
Treas. F. W. Wood........ "
Engr. Pwr. Sta. Jas. Carr.. "
2 a. c. Allis C. Swedish tot. 2000 kw. 2400 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-110 v; 2350 hp. wtr. wh. Smith.
51 city arcs a.c. series 6.6 amp. $40 per yr; all nt. (Also sells energy to Seymour Pwr. & Elec. Co., Ltd.)
D L W 3 ✠ 16

Seymour Pwr. & Elec. Co., Ltd. Office, Confederation Life Bldg., Toronto. Gen. stas. at Campbellford, Trenton, Frankford and Healey's Falls. (Controlled by Elec. Pwr. Co., Ltd., Toronto.)
Pres. J. G. G. Kerry..............Toronto
V. Pres. S. D. Fowler............ "
Treas. J. Littlejohn.............. "
Mgr. W. S. Robertson............ "
Gen. Supt. G. B. Smith..........Belleville
Engr. Pwr. Sta.
G. A. Vandervoort.........Campbellford
Pwr. stas. equip: 13 a. c. C. G. E., Swedish, G. E. tot. 8950 kw. 6600-2400 v. 3 ph. 60 cys; a c. day & nt. ltg. cir. 115 v. 60 cys; a. c. day & nt. mo. cir. 110-220-550-2400 v. 3 ph. 60 cys; 15,500 hp. wtr. wh. Kennedy, Can. Boving Co.
(Serves Campbellford, Napanee, Deseronto.Tweed,Belleville,Trenton, Brighton Port Hope, Cobourg, Bowmanville, New Castle, Orono, Oshawa, Whitley, Millbrook, Peterboro and Stirling.)
D N W 3 ★16

**CANNINGTON,** 1,050 — Munic. Ltg. System.
*Supt. J. C. Burns.............Cannington
Energy purchased from Hydro-Elec. Pwr. Comn. of Ont; 3 transf. West. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
63 city Tung. 100 W. $13 per yr. all nt.
D L 3 ✠ 16

**CARDINAL,** 1,378—Cardinal Elec. Lt. Co., Ltd.
*Pres. G. F. Benson..............Cardinal
Sec.,Treas & Mgr. Hugh McArthur "
Engr. Pwr. Sta. C. S. Todd...... "
2 a. c. C-W. tot. 125 kw. 240 v. 3 ph. 60 cys; 2 transf. C. W. tot. 40 kw; a. c. nt. ltg. cir. 110 v.
City cont. 2 incs. West; all nt; coal.
D L S 3 36

**CARGILL,** 400—Cargill, Ltd.
*Mgr. & Engr. Pwr. Sta.
F. L. Martin...................Cargill
2 d. c. Allis-C, Bull. C. West. tot. 170 kw. 240-120 v; d. c. nt. ltg. cir. 110 v; d. c. day mo. cir. 220 v; 150 hp. e. Wheelock; 96 hp. turb. Barber.
16 city incs. 50 c. p; mdnt; wood.
C L S W ✠ 16

**CARLETON PLACE,** 4,248—H. Brown & Sons.
*¶Mgr. J. M. Brown......Carleton Place
Ch. Engr. & Elecn.
John Bennett. " "
2 a. c. C. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir; 660 hp. wtr. wh. Leffel, Ham.
City cont. 210 incs. 32 c. p. $6 per yr; all nt.
D L W 3 ✠ 16

**CATARACT,** 200—The Cataract Elec. Co., Ltd. See Orangeville.

**CHATHAM,** 11,700—Chatham Gas Co., Ltd.; cap. $134,400; bds. $200,000.
Pres. J. E. Murphy..............Toronto
V. Pres. Arch. Park..............Chatham
*Sec. Treas. & Mgr. P. S. Coate. "
Supt. F. F. Hayes.............. "
Engr. Pwr. Sta. Ed. Grandbois. "
5 a.c. C. G. E. tot. 1325 kw. 2300 v. 2 ph. 60 cys; 1 d. c. C. G. E. 250 kw. 600 v; a. c. day & nt. ltg. cir. 110 v; West. stor. bat. 1100 amps. 600 v; a. c. mo. cir. 220-110 v. 2 ph. 60 cys; 400 hp. e. Belliss & Morcom; 1615 hp. gas e. Allis C. West; 450 hp. b. Parks.
Nat. gas 7½ cts. (Also stm. for htg. sold to Chatham Steam Heating Co.)
C D G H L S 2 ✠ 16

Chatham Hydro-Elec. System.
*Supt. J. G. Jackson.............Chatham
Energy purchased from Hydro-Elec. Pwr. Comn.
135 city arcs 1600 c. p. $50 per yr.; moonlt; nat. gas 15 cts.
L ★16

**CHESLEY,** 2,020—Chesley Elec. Lt. Wks.; cap. $7,000.
*Owner, John Bearman..........Chesley
No day cir; 70 hp. turb. Leffel, Tyler.
L W 22

**CHESTERVILLE,** 932 — *Munic. St. Ltg. System
Energy secured from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.)
L 104†

**CLINTON,** 2,800—Clinton Public Utilities Comm.
¶Treas. & Mgr. W. J. Stevenson .Clinton
*Supt. H. B. Chant............... "
Ch. Engr. W. J. Nediger......... "
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.) 3 transf. C. G. E. tot. 450 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys.
132 city incs. series 6.6 amp. 60 c. p. $12.50 per yr; all nt.
D L 3 ✠ ★26

**COBALT,** 5,000—Northern Ontario Lt. & Pwr. Co. Ltd. Gen. office, Cobalt. (Gen. stas. at Hounds, Chutes, Ragged Chutes, Fountain Falls and on Matabitchewan River; auxil sta. at Chester Falls; main sub. sta. at Cobalt 44,000 & 11,000 v. trans.)
Pres. David Fasken...............Toronto
V. Pres. M. A. Viele............. "
Mgr. J. H. Black...............Haileybury
Cont. Agt. J. A. McKay....... "
¶Pur. Agt. E. W. Dunnett.... "
Gen. Supt. R. T. Andrae....... "
*Supt. Distribn. P. F. Wayman "
Ch. Engr. A. R. Webster..........Cobalt
a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 29 mult. arcs 110 v; 29 mult. incs. 110 v.
D L 3 ★16

**COBOURG,** 4,829—Cobourg Utilities Corpn., Ltd. (Controlled by Elec. Pwr. Co., Ltd., Toronto, which see for officers); cap. auth. $145,000.
Mgr. J. E. Skidmore..............Cobourg
Energy purchased from Seymour Pwr. & Elec. Co. Ltd.; 3 transf. C. G. E. tot. 2150 hp; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 60 cys.

City cont. 30 arcs 7.5 amp. $52.50 per yr; 30 incs. series 50 c. p. $12 per yr; moonlt.
D L 3 25

**COLBORNE,** 1,068 — G. M. Peebles Elec. Lt. Plant.
*Owner & Mgr. G. M. Peebles...Colborne
Energy purchased; a. c. day & nt. ltg. cir. 110 v. s. ph. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys.
City cont. 80 incs. 25 v. 50 w. $12 per yr; moonlt; all nt.
D L 1 ✢ 22

**COLDWATER,** 609—*Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Severn Div.)
L 104†

**COLLINGWOOD,** 7,708—Munic. Wtr. & Lt. Comm; cost $50,000.
Mayor, D. C. Barr............Collingwood
Chmn. Comrs. H. A. Currie.. "
Comr. W. T. Herrington..... "
*Sec., Treas., Supt. & Ch. Engr.
E. J. Stapleton............. "
Energy purchased from Hydro-Elec. Pwr. Comn.; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 2200-550-220 v. 3 ph. 60 cys.
405 series Tungsten 6.6 amp. 100 w. $12 per yr; all nt.
D L 3 25

**COOKSVILLE,** 450—*Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**COPPER CLIFF,** 1,000—The Canadian Copper Co.
Pres. A. D. Miles..............Copper Cliff
Sec. & Treas. J. L Ashley
43 Exchange Pl., New York, N.Y.
Audr. Jas. W. Braid
43 Exchange Pl., New York, N.Y.
¶Pur. Agt. Frank Ludlam " "
Gen. Supt. J. L. Agnew.....Copper Cliff
Ch. Engr. B. G. Slaughter.... "
Elec. Supt. J. T. Watson..... "
4 a. c. C-W. tot. 8000 kva. 2400 v. 3 ph. 5 cys; a. c. & d. c. day & nt. ltg. cir. 110 v; . c. day & nt. mo. cir. 550–2200 v. 3 ph. 0 cys; d. c. day & nt. mo. cir. 110 250 v; 5,000 hp. wtr. wh. Morris; energy also urchased from The Huronian Co., 35,000 ; 30 transf, C-W., West. tot. 14,325 kva; mo.-gen. C. G. E. tot. 258 kw; 1 freq. hgr. C. G. E. 100 kw.
City cont. 175 tung. 60, 100 & 200 c. p. Co. also lts. Creighton Mine, Frood Mine. High Falls and Crean Hill Mine.)
C D L W 3 16

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The Huronian Co., Ltd.
res. A. P. Turner..C.P.R. Bldg., Toronto
. Pres. A. D. Miles...... Copper Cliff
ec. & Treas. J. L. Ashley..New York City
Pur. Agt. Frank Ludlam.. " "
¶Local Pur. Agt.
R. N. Ladd.................Copper Cliff
upt. J. P. Watson.......... "
h. Engr. B. G. Slaughter... "
upt. Pwr. Sta. Geo. Hartman...Turbine
4 a. c. C-W. tot. 8000 kva. 2400 v. 3 ph. 5 cys; trans. volt. 34,000 v. 3 ph. 25 cys; d. c. C. G. E. tot. 130 kw. 250 v; 1 arc andus 21 lt; 14,000 hp. turb. Morris. ells energy in bulk to Canadian Copper o.
C T W 3 44

**ORNWALL,** 6,704—Stormont Elec. Lt. & Pwr. Co., Ltd.
res. S. H. Ewing...............Montreal
. Pres. Abner Kingman...... "
ec. & Treas. E. A. Macnutt.... "
*¶Mgr. & Cont. Agt.
Wm. Hodge..................Cornwall
1 a. c. C. G. E. 150 kw. 110 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. s. & 3 ph. 60 & 133 cys; 250 hp. turb. (wtr.) Wilson. Energy purchased from St. Lawrence Pwr. Co., Ltd.; trans. volt. 11,000 v. 3 ph. 60 cys; 300 kw. transf. West. 60 cys.
City cont. 300 series Mazdas 60 c. p. $10 per yr; all nt. (Also operates gas works.)
D L W 1 3 ✢ ★16

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St. Lawrence Pwr. Co., Ltd. Pwr. plant in Mille Roches.
*¶Gen. Supt. W. L. Macfarlane..Cornwall
Ch. Engr. E. S. Fickes.....Pittsburg, Pa.
2 a. c. C. G. E, A. C. B. tot. 1000 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir; a. c. day & nt. mo. cir. 550 v; 2000 hp. wtr. wh. Smith, Ham.
City cont. 250 enc. arcs a. c. series 470 w. $109 per yr; all nt. (Co. sells energy in bulk and does ltg. in Cornwall.)
D N W 3 25

**DELHI,** 900—Delhi Lt. & Pwr. Co., Ltd.; pwr. plant at Croton; cap. $30,200.
Pres. Peter Quance..................Delhi
V. Pres. S. Strout................... "
*¶Sec., Treas. & Mgr. Geo. E. Quance "
2 a. c. Warren, C. G. E. tot. 290 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-220-110 v; 330 hp. turb. (wtr.) Barber.
City cont. 41 series tung. 60 c. p. $16 per yr; moonlt. all nt.
D L W 3 ✢ 25

**DESERONTO,** 2,018—Seymour Pwr. & Elec. Co., Ltd. See Campbellford.

**DRAYTON,** 1,000 — *Drayton Mills (Ltd.); cap. $50,000; no bds.
Pres. Geo. H. Campbell
24 King St., W., Toronto
Sec. J. C. Pleeman...............Drayton
¶Mgr. & Cont. Agt. G. A. Turner.. "
Supt. Wm. Boyd, 1 Toronto St., Toronto
Ch. Engr. Geo. Fisher...........Drayton
Engr. Pwr. Sta. F. B. Smith.... "
1 a. c. West. 60 kw. 2200 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; 125 hp. e. G. & McC; 140 hp. b. Doty.
City cont. 36 incs. 60 w. $20 per yr; midnt; refuse.
L S 3 ✢ 26E

**DRESDEN,** 2,058—Munic. Elec. Lt. Plant; cost $12,000.
Chmn. H. S. McDonald..........Dresden
Sec. J. S. Bridgewater............ "
Treas. John Jeffs.................. "
*Supt. & Ch. Engr. Chas. Eberlee "
Purchases energy from Hydro-Elec. Pwr. Comm. of Ont; a. c. day & nt. ltg. cir. 110 v.
110 city incs. 80 c. p.
D L X ✢ 16

**DUNDALK,** 750—Munic. Elec. Lt. Plant. Cost $6,500.
Clerk, M. W. Ridley............Dundalk
*Ch. Engr. Robt. Wilson......... "
1 a. c. Royal 30 kw. 2400 v. 2 ph; a. c. nt. ltg. cir. 104 v; 60 hp. e. Leonard; 70 hp. b. Leonard.
30 city incs. 32 c. p. moonlt; coal & wood. (Will purchase energy from Hydro-Elec. Pwr. Comm. of Ont.)
L S 2 ✢ 85

**DUNDAS,** 4,500 — Dominion Pwr. & Transmission Co., Ltd. See Hamilton.

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Munic. Elec. Ltg. System.
Treas. Jas. McGinty..............Dundas
*Supt. Geo. E. Whiton.......... "
Buys energy from Hydro-Elec. Pwr. Commission; 3 transf. West. tot. 450 kva;

a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys.

City cont. 300 Mazdas 100 w. $9 per yr; all nt. (Also lts. West Hamilton, Ancaster, Greensville and Bullock Corners.)

D L 3 ✣ 16

**DUNNVILLE,** 3,000—Dunnville Elec. Lt. Co., Ltd.; bds. $40,000.
Pres. Arthur Boyle..........Niagara Falls
V. Pres. F. J. Ramsey..........Dunnville
Sec. W. D. Swayze.......... "
*¶Treas., Mgr. & Cont. Agt.
J. Rolston.................... "
Supt. R. G. Emery............... "
Engr. Pwr. Sta. W. Swartz.... "

2 a. c. C. G. E. tot. 240 kw. 2080-104 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; 300 hp. gas e. Ferrar & Tufts, West; 250 hp. turb. (wtr.) Leffel.

City cont. 18 arcs 2000 c. p. $45 per yr; 100 Tung. 100 w; all nt; gas 20 cts.

D G L W 1 25

**DURHAM,** 1,850—Durham Elec. Lt. Co.; cap. auth. & pd. in $ 2,000.
*¶Sec., Treas., Mgr. & Cont. Agt.
N. McIntyre.....................Durham

1 a. c. C. G. E. 150 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 150 hp. turb. (wtr.) Barber.

City cont. 6 arcs 1500 c. p. $50 per yr; 15 incs. 16 c. p. $2 & $3 per yr; all nt.

L W 3 ✣ 23

**DUTTON,** 838—The Dutton Elec. Lt. Co., Ltd.; cap. $5,300,
Pres. Thomas Hockin.............Dutton
V. Pres. J. B. Crawford.......... "
*¶ Sec. C. St. Clair Leitch......... "
Treas. F. W. Drake................ "
Ch. Engr. Alex. Law.............. "

2 d. c. C. G. E. 110 v; 70 hp. e.

City cont. 5 arcs $50 per yr; 19 incs. 32 c. p. $16 per yr; mdnt. & 6.30 A. M. to daylt; coal $3.80.

C L S 23

**EAST TORONTO,** 2,800—*Munic. Elec. Ltg. System.

Energy purchased from Hydro-Elec. Pwr. Comn.

L 25

**EGLINTON,** 1,500—See West Toronto.

**ELMIRA** 1,500—Elmira Milling Co.
*Mgr. Geo. Ratz....................Elmira

1 a. c. U. E. 45 kw. 104 v. s. ph. 133 cys; 100 hp. e. Leonard; 125 hp. b. Leonard.

L S 1 23

* Munic. St. Ltg. System. Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

L 104†

**EMBRO,** 700—Munic. Ltg. System; cost $10,000; no bds.
Pres. Vil. H. B. Atkinson..........Embro
Sec. & Treas. Chas. McCowley.... "
*Mgr C. G. Miners............... "

Energy from Hydro-Elec. Pwr. Comm; 3 transf. West. tot. 10 kw; a. c. day & nt. ltg. cir 110 v; a. c. day & nt mo. cir. 2400 v. 3 ph. 25 cys.

48 city incs. nitrogen 100 w. $14 per yr; moonlt.

D L 3 85

**ERINDALE,** 150—The Erindale Pwr. Co., Ltd. Main office, 25-27 May St., West Toronto; cap. $250,000; bds. $125,000.
Pres. Chas. Holt...........London, Eng.
V. Pres. John Kirkes
Myers, Esq................ " "
*Sec. W. J. Campbell.........W. Toronto
¶Mgr. E. S. Edmondson...... "
Ch. Engr. Thos. Henry ..... "

2 a. c. Allis C. Bull, tot. 600 kw. 13,200-4400-220-110 v. 3 ph. 60 cys. All energy sold to the Interurban Elec. Co.

T W 3 11

**ESSEX,** 1,709—Essex County Lt. & Pwr. Co., Ltd. See Leamington.

**EXETER,** 1,809—Exeter Elec. Lt. & Pwr. Co.; cap. auth. $17,000.
*Owner C. Zuefle.................. Exeter

1 d. c. arc 35 kw. 500 lt; 1 a. c. C. G. E. 52 kw. 1150 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v; 175 hp. e. Leonard; 140 hp. b. Goldie & McC.

City cont. 13 arcs West. $60.48 per yr; 1800 incs. 10 cts. per kw. hr; mdnt; coal $4.35 (Will be taken over by Hydro-Elec. Pwr. Comm.)

L S 1 ✣ 36

**FENELON FALLS,** 1,400—Munic. Wtr., Lt. & Pwr. Plant; cost $65,000.
*Treas. W. L. Robinson....Fenelon Falls
Supt. Archie Juenzies...... "

1 a. c. C. G. E. 525 kw. 550-110 v. 3 ph 60 cys; 40 transf. C. G. E, West; a.c. day cir; 600 hp. turb. Jenckes.

18 city arcs series West. 7.5 amp. and 55 series incs. 100 w. tot. $500 per yr; mdnt; all nt.

D L W 3 ✣ 23

**FERGUS,** 1,599—Corpn. of Fergus Hydro-Elec. Dept.; cost $16,000; bds. $16,000.
*Sec. & Treas James Beattie.....Fergus
¶Supt. & Ch. Engr. W. W. Marshall "

Purchases energy from Hydro-Elec. Pwr. Comn; 3 transf. C. G. E. tot. 75 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys: a. c, day & nt. mo. cir. 550 v. 3 ph. 25 cys.

119 city incs. 100 w. $12.50 per yr; all nt.

D L 3 ✣ 16

**FOREST,** 1,553—Munic. Elec. Lt. Plant.
*Ch. Engr. J. White................Forest
Ch. Elecn. Jos. Prout............... "

1 d. c. arc Thomp. 40 lt; 1 a. c. C. G. E. 2000-104 v; no day cir; 150 hp. e. Brown.

City cont. 18 arcs 1000 c.p. $37.50 per yr. moonlt mdnt; coal & wood.

L S X ✣ 93w

**FORT ERIE,** 1,400—Munic. Elec. Ltg. System; cost $3,000.
*City Clerk, Wm. Simmons.....Fort Erie

Free energy from Canadian Niagara Pwr. Co.

28 city arcs enc.

L 25

**FORT FRANCES,** 2,500—Munic. Elec. Lt. Plant: cost $22,963.88; bds. $10,000.
Mayor, Dr. Robert Moore...Fort Frances
¶Chmn. Comm.
J. J. Habkirk "
Clerk, J. W. Walker.......... "
*Supt. H. A. Sands ........ "

4 a. c. West. tot. 1250 kw. 6000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440 v. 3 ph. 60 cys; 2200 hp. turb. (wtr.) Smith. Also purchases energy from Minn. & Ont. Pwr. Co., 200 hp.

52 city arcs West., all nt.

D L W 3 ★1

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**FORT WILLIAM,** 30,000—Munic. Lt., Tel. & St. Ry. System; bds. $329,000.
Chm. Com. Geo. Eoll......Fort William
Treas. Hy. James........... "
*Mgr. A. L. Farquharson
321 N. Marks St., "
Cont. Agt. R Dagger....... "
¶ Pur. Agt. W. P. Bailey... "
Supt. Chas. I. Moors........ "

Purchases energy from Kaministiquia Pwr. Co., 2575 hp. 2200 v. 3 ph. 60 cys.: 3 d.c. C. G. E. tot. 1675 kw. 600 v. (st. ry.). a. c. day & nt ltg. cir. 110 v: a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

213 city arcs magn. 6.6 amp. $45 per yr; 571 incs. 100 w. $9.60 per yr; all nt.

C D R 3 ★1

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Kaministiquia Pwr. Co., Ltd. Office, Montreal, Que.; head office & sub. sta., Fort William; pwr. plant at Kakabeka Falls, Ont.; cap. $2,200,000; bds. $2,000,000.
Pres. H. S. Holt............Montreal, Que.
V. Pres. C. R. Hosmer.... " "
*Sec. & Mgr. W. L. Bird....Fort William
Asst. Sec. & Treas. J. S. Norris
Montreal, Que.
Mng. Dir. W. A. Black.... " "
Cons. Engr. R. S. Kelsch... " "
4 a.c. C.G.E. tot. 25,000 kw. 4,000 v. 3 ph. 60 cys; a. c. day pwr. cir. 2200 v; 35,000 hp. turb. Voith; 3 stor. bat. for auxiliary purposes only. (Sells energy in bulk to municipality and Port Arthur System of the Hydro-Elec. Pwr. Comn. at 22,000 v. 3 ph. 60 cys.)
T W 3 25

**FRANKFORD,** 700—Frankford Elec. Lt. Co., Ltd.; cap. outstg. $1,500
*Mng. Dir. N. G. Gzowski.....Frankford
1 d. c. C. G. E; 1 a. c. Allis-C. 50 kw. 2000-100 v. 3 ph; S. B. turb.
C L W 3 16

***GALETTA,** 150—Galetta Elec. Pwr. & Milling Co., Ltd. See Arnprior.

**GALT,** 10,000—Munic. Elec. Ltg. System; debentures outstg. $165,000.
Chmn. E B. Fewings............... Galt
Sec. G. B. Scott...................... "
Treas. J. M. Hood.................... "
*Mgr. R. E Elliott..................... "
Buys energy from Hydro-Elec. Pwr. Commission. 12 transf. tot. 1650 kw; 1 rot. conv. Lancashire 100 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys.
90 city lamps 500 w. $40 per yr; 800 incs. series 6.6 amp. $8 per yr.
D L 3 ✣ 75

**GANANOQUE,** 3,526--GananoqueElec. Lt. & Wtr. Supply Co., Ltd.; cap. $40,000.
Pres. J. M. Campbell..........Gananoque
V. Pres. L. A. Campbell...... "
*¶ Treas. & Mgr.
Byron W. Heaslip ............ "
4 d. c. C.G.E. tot. 120 kw. 250-125 v; 1 a. c. C. G. E. 100 kw. 440 v; a. c. day & nt. ltg. cir. 250-125 v; a. c. mo. cir. 440 v; 200 hp. e. Inglis; 230 hp. turb. Kennedy; 300 hp. b. Mc E.
City cont. 400 Mazdas 6.6 amp. 60 c. p. $7.20 per yr; all nt; coal
C D L S W X ✣ 26

**GEORGETOWN,** 1,500—The Georgetown Elec. Lt. & Pwr. Co.; cap. auth. & pd. in $20,000, 7 p. c. div.
Pres. H. P. Lawson............Georgetown
*Sec. & Treas. L. Grant..... "
Mgr. & Ch. Engr. B. Foster. "
1 d. c. arc Thompson 45 lt; 1 a. c. Royal 60 kw. 2000-104 v. — ph. 133 cys; no day cir; 100 hp.e. Goldie & McC; 125 hp. turb. Jenkes; 100 hp. b Erie.
Coal $4. (Co. also serves Glen William.)
L S W X ✣ 23

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*Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**GLENCOE,** 976—Munic. Elec. Lt. Plant; cost (approx.) $15,000.
Bd. { Chmn. J. A. McLachlin.....Glencoe
*W. D. Moss.................. "
John Thomson............. " }
Sec. & Treas. C. B. McLean...... "
Ch. Engr. Richard Donaldson.... "
Asst. Engr. Pwr. Sta. Alfred Jones "
1 a. c. C. G. E. 75 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 96 hp. e. (gas) Hornsby.
All nt; coal $5
G L 3 ★16

**GODERICH,** 4,500—Munic. Elec. Lt. Plant; cost $50,000.
Sec. L. L. Knox..................Goderich
Treas. Alex. Straiton........... "
*¶ Supt. & Elecn. J. B. Kelly... "
Purchases energy from Hydro-Elec. Pwr. Comn. 25 cys.
Series street lamps 6.6 amp. 80 c. p. moonlt mdnt.
L X 16

**GRAND VALLEY,** 800—Elec. Lt. Plant; cost $33,000.
*¶ Owner & Mgr. J. Philip..Grand Valley
Ch. Engr. Pwr. Sta.
John Fischer............. "
1 a. c. Royal gen. 4400 v. 60 cys; a. c. nt. ltg. cir. 104 v; 150 hp. e. Goldie & McC; 120 hp. b. Goldie & McC.
City cont. 2000 tung., metered, mdnt; coal $4.28. (Also lts. Athens.)
L S X ✣ 16

**GRAVENHURST,** 2,500—Munic. Elec. Lt. & Pwr. Plant; cost $60,000. Pwr. plant at Muskoka Falls.
Chmn. W. J. Leigh..........Gravenhurst
*Sec. & Treas. W. J. Stubbs. "
Supt. V. F. Hunt............ "
Engr. J. Lawrence........Muskoka Falls
1 a. c. Allis-C, Bull. 450 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys: a. c. day & nt. mo. cir. 2200-220 v. 2 ph. 60 cys; 750 hp. turb. (wtr.) Jenckes.
110 city incs. 32 c. p. $9.25 per yr; all nt: wood.
D L W 2 3 ✣ 104

**GRIMSBY,** 1,000—Grimsby Elec. Lt. Plant. (Owned by Hamilton Cataract Pwr. Lt. & Trac. Co. which see for executive officers.)
Local Mgr. S. E. Monck..........Grimsby
L 16

**GUELPH,** 17,000—Bd. of Lt. & Ht. Comrs. Office, City Hall Bldg; debentures $119,084.02.
Chmn. Geo. Sleeman...............Guelph
Comr. M. F. Cray ................. "
*¶Sec. & Supt. John J. Heeg...... "
Treas. Miss L. Yule............... "
Purchases energy from Hydro-Elec. Pwr. Comn; trans. volt. 13,200-2200-550 v. 3 ph. 25 & 60 cys; 3 transf. West. tot. 5000 hp; a. c. day & nt. ltg. cir. 110-220 v. 60 & 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys; 2 a. c. Lancashire tot. 79 amp. 2200 v. 3 ph. 60 cys; 2 d. c. Lancashire tot. 450 kw. 600 v.
1103 city tung. 100 w. $8.50 per yr., all nt.
C D L 3 ✣ 25

**HAGERSVILLE,** 1,106—Hagersville Hydro-Elec. System.
Chmn. Bd. D. W. McBurney..Hagersville
*Sec. J. T. Park............... "
Treas. J. R. Seatter........... "
Energy secured from Hydro-Elec. Pwr. Comm; a. c. day & nt. ltg. cir. 110 v. 25 cys.
100 city incs. 100 w. $12 per yr; all nt.
D L X ✣ §26

**HAILEYBURY,** 3,000—Northern Ontario Lt. & Pwr. Co., Ltd. See Cobalt.
5 transf. West. tot. 525 kw; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.
City cont. 23 arcs A. B. series 6.6 amp. $55 per yr; 85 incs. H. E. series 6.6 amp. $14.50 per yr; all nt.
D L 3 ✣ ★16

**HAMILTON,** 70,200—Dominion Pwr. & Transmission Co., Ltd. Office, Terminal Bldg., Hamilton. (Controls The Hamilton Cataract Pwr., Lt. & Trac. Co. Ltd. (which owns Grimsby Electric Plant), Hamilton Elec. Lt. & Cataract Pwr. Co. Ltd., Hamilton Elec. Lt. & Pwr. Co., Lincoln Elec. Lt. & Pwr. Co., Ltd., Western Counties Elec. Co., Ltd., Brantford & Hamilton Elec. Ry. Co., Hamilton, Grimsby & Beamsville Elec. Ry. Co., Hamilton Terminal Co., Ltd., Hamilton St. Ry., Hamilton Radial Elec. Ry. and Hamilton and Dundas St. Ry.) (Wtr. pwr. plant at Power Glen; also plant at Brantford, cap. 1,000 hp.); cap. outstg. $11,395,600; bds. (including subsidiary companies) $8,864,000; bds. $2,612,000.

Pres. J. R. Moodie..............Hamilton
V. Pres. James Dixon.......... “
*Sec. & Mng. Dir. W. C. Hawkins “
Treas. ——— ———........... “
Audr. C. S. Scott............... “
Gen. Mgr. E. P. Coleman....... “
¶ Pur. Agt. J. B. Griffith....... “
Gen. Supt. Wm. Angus......... “
Elec. Engr. C. H. Hutton...... “
Engr. Pwr. Sta. F. W. Throop, Power Glen (No P. O.)

9 a. c. C. West., C. G. E. tot. 42,000 kw. 2400 v. 3 ph. 66⅔ cys; a. c. day & nt. ltg. cir. 112 v. 66⅔ cys; a. c. day & nt. mo. cir. 2200-220 v. 2 ph. 66⅔ cys; 3000 hp. e. Goldie & McC; 20,000 hp. turb. (stm.); 1632 hp. b. Stir; 51,600 hp. turb. (wtr.) Riva, Monneret & Voith; 120 amp.-hrs. stor. bat. Gould; trans. volt. 45,000 v.

(Co. lts. Hamilton. Beamsville, Burlington, Brantford, St. Catharines, Welland, Dundas, Oakland, Stony Creek, Winona, Fruitland, Burlington Jct., Freeman, Aldershott, Fonthill and Fenwick; also serves Grimsby.)

D R S W 2 3 ✠ ★16

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Hamilton Hydro-Elec. Dept. (Munic.); bds. $840,000.

Chmn. W. Ellis....................Hamilton
Sec. & Asst. Mgr. W. H. Childs “
*Mgr. E. I. Sifton.................. “
¶ Pur. Agt. S. Robins........... “
Supt. C. Wild....................... “
Engr. Pwr. Sta. A. Bradt....... “

Energy purchased from Hydro-Elec. Pwr. Commission; 16 transf. C. West, Packard tot. 11,500 kw; trans. volt. 13,200 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 550-220 v. 3 ph. 25 cys.

7200 city tung. 100 w. $7.20 per yr; 900 city tung. 250 w. $12.00 per yr. (underground); 402 city nitrogen filled tung. 500 w. $40 per yr; all nt. (Co. lts. Hamilton and suburbs.)

D L 3 ✠ ★16

**HANOVER,** 3,500—The Hanover Elec. Lt. & Pwr. Co.

Owner, H. Gruetzner.............Hanover
*Supt. W. H. Mulligan.......... “

1 a. c. C. G. E. 150 kw. 2080-104 v. 3 ph. 60 cys; a. c. day cir; 300 hp. turb. Barber, Kennedy.

City cont. 17 arcs. (Co. also lts. Neustadt and Carlsruhe.)

D L W 3 ✠ 16

**HARRISTON,** 1,800—Harriston Elec. Lt. & Wtr. Wks.

Mgr. & Elecn.
John Patterson, Jr...........Harriston
*Engr. John Patterson, Sr..... “

1 a. c. West. 60 kw. 2200 v. 3 ph. 25 cys; a. c. nt. ltg. cir. 110 v; 110 hp. e. Leonard; 100 hp. b. Leonard.

City cont. 20 arcs 2000 c. p. $60 per yr; 30 incs. 16 c. p. $4 per yr., moonlt. midnt; coal, $4.20. (Will secure energy from Hydro-Elec. Pwr. Comm.)

L S 3 ✠ 16

**HASTINGS,** 900—Fowlds Co., Ltd; cap. auth. $40,000, pd. in $20,000.

Pres. J. D. Berry.................Port Perry
Sec. & Treas. E. S. Fowlds......Hastings
*¶ Mgr. Cont. Agt. & Ch. Engr.
C. R. Fowlds ................ “

1 a. c. C. G. E. 150 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 250 hp. turb. (wtr.) Ham.

City cont. 132 arcs 9.6 amp. $65.85 per yr; 900 incs. 5.6 amp. $4.20 per yr; 6 months all nt. & 6 months midnt.

L W 2 ✠ 36

**HAVELOCK,** 1,400—Havelock Elec. Lt. & Pwr. Co., Ltd.; cap. $20,000.

Pres. Geo. Young.....................Lindsay
V. Pres. Robt. Barlow...........Havelock
*¶ Sec. Aleck Rose ............... “
Mgr. Dr. Jos. Holdcroft.......... “

1 a. c. C. G. E. 100 kw. 4400-110 v. 3 ph. 60 cys; no day cir; a. c. ltg. cir. 110 v; 150 hp. wtr. wh. Ham.; 150 hp. stm. aux. plant.

City cont. 11 arcs $65 per yr; all nt.

L S W 3 ★16

**HAWKESBURY,** 4,150—The Hawkesbury Elec. Lt. & Pwr. Co., Ltd.; cap. $100,000.

*Pres. & Mgr. Thos. Ross...Hawkesbury
¶ Sec. & Treas. James Ross. “

3 a. c. C. G. E. tot. 1100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-108 v; a. c. day & nt. mo. cir. 2200-575-220 v; 1800 hp. turb. Kennedy; trans. 10,000 v. 3 ph. 60 cys.

*Bell Falls Sta;* 2 a. c. C. G. E. tot. 4000 kw. 2200 v. 3 ph. 60 cys; 5000 hp. wtr. turb. C. Allis-C.

City cont. 93 arcs 6.6 amp. $62.50 per yr; 85 Mazdas 100 w. $12 per yr. (Co. also lts. Greenville, Que., and sells energy for ltg. Van Kleck Hill and L'Original.)

D L W 3 ✠ 16

**HENSALL,** 876—Elec. Lt. Plant.

*Owner, John Passmore...........Hensall

1 a. c. U. E. 50 kw. 1040-110 v. 3 ph; a. c. nt. ltg. cir. 110 v.; 150 hp. e. Goldie & McC; 120 hp. b. Leonard.

Wood & coal.

L S 3 ✠ 44

**HESPELER,** 3,000 — Munic. Hydro-Elec. Lt. Plant; cost $40,000.

Chmn. Comm. P. Jardine.......Hespeler
Treas. M. Jardine.................. “
*Supt. & Ch. Elecn.
Walter D. Scott................. “

3 a. c. C. G. E. tot. 300 kw. 6600-2300 v. s. ph. 25 cys; pwr. cir. 2300-550 v. 3 ph. 25 cys; a. c. day & nt. ltg. & mo. cir; 150 hp. e. Goldie & McC.

150 incs. series Tung. 4 amp. 80 w; coal.

D L S 13 25

**HINTONBURG,** 2,798—Ottawa Lt. Ht. & Pwr. Co. See Ottawa.

**HUNTSVILLE,** 2,900—Munic. Elec. Lt. Plant; cost $25,000.

*Mgr. G. Ralston..................Huntsville

2 a. c. C. G. E. tot. 180 kw. 1040-104-52 v. s. ph. 125 cys; no day cir; 350 hp. e. Goldie & McC; —hp. b. Goldie & McC.

45 city incs. 50 c. p. 10 cts. per kw; 2250 com. incs. 16 c. p. 10 cts. per kw; all nt; wood $3. (Will purchase energy from Hydro Elec. Pwr. Comm.)

L S 1 ✠ 75

**IBERVILLE,** 1,512—St. Johns Elec. Lt. Co., Ltd. See St. Johns, Que.

**INGERSOLL,** 5,000—Munic. Elec. Ltg. System; cost $39,800; bds $15,000.

Chmn. Geo. Sutherland.........Ingersoll
*Sec. & Treas. J. N. Christie... “
Supt. H. F. Hall.................. “
¶ Pur. Agt. H. Richardson...... “

Purchases energy from Hydro-Elec. Pwr. Commission; 3 transf. C. G. E. tot. 250 kva. 220-110 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 114 v; a. c. mo. cir. 550-220 v.

300 city incs. series 89 c.p. $12 per yr; all nt.

D L 3 ✠ ★36E

**IROQUOIS**, 850 — Munic. Elec. Lt. & Wtr. Wks. Plant.
*Sec. Allen McInnis..............Iroquois
¶ Ch. Engr. Herb. Coons........ "

1 a c. C. G. E. 72 kw. 2400-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110-115 v; a. c. day mo. cir. 110-115-550 v; 175 hp. turb. Wilson.

42 series tungsten 60-80 c. p.

D L W 2 ✠ 25

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Beach Hydro-Elec. System.
Owner, M. F. Beach..............Iroquois
*Mgr. M. W. Beach............... "

2 a. c. S. G. E. tot. 420 kw. 2300 v. 3 ph. 60 cys; 500 hp. wtr. wh. Am.

L W 3 16

**KEEWATIN**, 1,200—See Kenora.

**KEMPTVILLE**, 1,523 — Kemptville Milling, Lt., Ht. & Pwr. Co.; cap. $100,000; no bds.
Pres. A. A. Bowen...............Toronto
*¶Sec., Treas. & Mgr.
L. T. Bowen.....................Kemptville
Supt. John Maxwell.......... "
Engr. Pwr. Sta. J. O. Hyndman
Andrewsville

1 a. c. C-G-E 300 kw. 2080-110 v. 3 ph. 60 cys; trans. volt. 10,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 220-110 v; 500 hp. turb. Wms.

City cont. 45 Mazda series 3.5 amp. 60 c. p. $15 per yr; moonlt. 1 A. M.

(Co. also lts. Burritts' Rapids & Andrewsville.)

D L W 3 ✠ 16

**KENORA**, 6,500 — Munic. Elec. Lt. Plant; cost $535,000.
Mayor, J. P. Earngey.............Kenora
Sec. & Treas. J. E. Currie........ "
*Gen. Supt. A. E. McLeod......... "
Engr. Pwr. Sta. C. E. McMurdie... "

4 a. c. Allis-C, Bull. tot. 2500 kw. 2400-2200-110 v. 3 ph. 60 cys; 2 d.c. Allis-C. tot. 68 hp. 120 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 3600 hp. turb. (wtr.) Ham.

87 5-lt. stds. and 10 1-lt. stds., all nt. (Also lts. Keewatin, Norman and supplies Can. Homestake Mining Co.)

C D L W 1 3 ★16

**KINCARDINE**, 2,338 — Munic. Elec. Lt. & Wtr. Wks.; cost $40,000.
Bd. Comrs. P. Shiells, Chmn. Kincardine
Wm. Mitchell.... "
Wm. Arnold.... "
B. Wood........ "
*¶R. Patterson.. "
Robt. Ross...... "
Supt. A. Ingram.............. "

1 a. c. C. G. E. 150 kw. 2300 v. s. ph. 60 cys; 20 transf. C. G. E. tot. 150 kw; a. c. nt. ltg. cir. 104 v; 225 hp. e. Goldie & Mc; 250 hp. b. Hunter, B. & B.

17 city arcs 1500 c.p. $60 per yr; 30 incs. 32 c. p. $15 per yr; all nt; coal $2.

L S 1 ✠ 23

**KINGSTON** 17,961—Munic. Elec. Lt., Ht., Pwr. & Wtr. Depts.
*Mgr. C. C. Folger...............Kingston
¶ Pur. Agt. E. Moore........... "
Ch. Engr. John Evans........... "

6 d. c. G. E. West. tot. 450 kw. 220-110 v; 3 a. c. C. G. E. tot. 1025 kw. 2200 v. 3 ph. 60 cys; 3 arcs G. E. tot. 200 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys; 700 hp. e. Inglis; 770 hp. b. Can. Loco. Selby & Joulden; 750 hp. turb. (stm.) G. E.

227 city arcs d. c. & a. c. series 6.6 & 7.5 amp. $60 per yr; 41 tung. 6.6 & 7.5 amp. 80 c. p. $20 per yr; 95 orna. arc lts. 6.6 amp. $75 per yr; all nt; coal $2.71.

C D L S 3 ★16

**KINGSVILLE**, 1,335 — Essex County Lt. & Pwr. Co., Ltd. See Leamington.

**LAKEFIELD**, 1,800—Lakefield Elec. Lt. Co.; cost $15,000.
*Owner & Mgr. S. R. Leggott...Lakefield
Engr. Pwr. Sta. S. T. Leggott.. "

1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. day mo. cir. 550 v; 15 hp. turb. Lef.

City cont. 5 arcs $60 per yr; 54 tung. 60 to 100 w. $12 per yr.

L W 3 ✠ ★16

**LEAMINGTON**, 2,455—Essex County Lt. & Pwr. Co., Ltd. Office, Leamington. Gen. sta. at Sandwich.
Pres. R. S. Stewart........Detroit, Mich.
V. Pres. A. C. Marshall.... "
*Mgr. G. B. Hayes...........Leamington
Audr. M. L. Martin.......... "

1 a. c. turbo.-gen. C. G. E. tot. 750 kva. 2300 v. 3 ph. 60 cys; trans. volt. 23,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 220-110 v. 3 & s. ph. 60 cys. Steam purchased from Canadian Salt Co.

City contracts; (Leamington) 50 tung. mult. 60 w. 100 c. p. 8 cts. per nt. all nt; (Kingsville) 62 carbon 100 w. $12 per yr; moonlt. mdnt; (Essex) 35 incs. 100 & 60 w. 7½ & 3½ cts. per lamp per mo. mdnt; (Harrow) 34 incs. 40 w. $15 per yr. moonlt; (Amherstburg) tung. 1 A. M; also lts. Sandwich, Cottam and Canard River.

D L S 1 3 ✠ ★16

**LINDSAY**, 7,500—The Lt., Ht., & Pwr. Co. of Lindsay, Ltd. (Controlled by Elec. Pwr. Co., Ltd., Toronto, which see for officers); cap. $150,000.
Local Mgr. W. E. Reesor........Lindsay

2 a.c. C. G. E. tot. 800 kw. 550-1040-104 v. 3 ph. 60 cys; a. c. day cir. 104 v; a. c. mo. cir. 220 v. 60 cys; 1500 hp. turb. (wtr.) Ham.

City cont. 85 arcs 6.6 amp. $50 per yr; 14 incs. series 6.6 amp; all nt.

D L W 3 ✠ 16

**LISTOWEL**, 2,552—Munic. Elec. Lt. Plant.
*Pres. Jacob Bray................Listowel
Chm. Lt. & Wtr. Com.
R. T. Kemp...................... "
¶ Sec. Mgr. & Engr. Pwr. Sta.
R. H. Staford.................... "
Treas. Imperial Bank of Canada..........

2 a. c. S. G. E. tot. 50 kw. 2200-220-110 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 75 hp. e. Robb; 225 hp. b. Waterous.

240 city Tung. 60 w. $7.50 per yr; moonlt; mdnt; coal $4.08. (New plant under construction.)

L S 3 ✠ 55w

**LONDON**, 48,500—London Elec. Co., Ltd. Office, 361 Richmond St., London; cap. $406,000; bds. $100,000.
Pres. Frederic Nicholls..........Toronto
Sec. D. H. McDougall............ "
Treas. J. G. Grace................ "
*Actg. Mgr. Chas. T. Barnes.....London
Gen. Supt. S. E. Brock........... "
Ch. Engr. F. G. Clark.............Toronto
Engr. Pwr. Sta. O. Boden........London

6 a. c. C. G. E. tot. 1550 kw. 2300 v. s. ph. 60 cys; 5 d. c. C. G. E. tot. 1400 kw. 250 v; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 110-220 v. s. ph. 60 cys; d. c. mo. cir. 250-500 v; 3000 hp. e. Inglis, Leonard; 2600 hp. b. Bab. & W., Can. Fdy., Atlas.

City cont. — incs. 4½ cts. per kw; coal $2.80 to $4.

C D L S 1 ✠ ★16

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City of London Hydro-Elec., System.
Chmn. Public Utilities Comn.,
P. Pocock.......................London
Sec. O. Ellwood.................. "
Treas. J. S. Bell.................. "

Gen. Mgr. E. V. Buchanan........London
*Asst. Gen. Mgr. A. O. Hunt..... "
¶Pur. Agt. C. H. Griffen......... "
Supt. Distrbn. Chas. W. Alford.. "
Ch. Oper. C. B. Colby............ "

Energy secured from Hydro-Elec. Pwr. Comn. (Niagara Div.); 35 transf. West, Packard G. E. tot. 7250 kw; 5 rot. conv. G. E. Allis-C. tot. 2300 kw; 2 mo. gen. Can. West. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 2300-550-220 v. 3 ph. 25 cys; d. c. mo. cir. 550-275 v; 2 a. c. Lancashire tot. 120 hp. 550 v. 3 ph. 25 cys; 2 d. c. Can. West. tot. 70 kw. 550-250 v.

497 city tung. mult. 100 w. $8 per yr; 2428 city tung. series 75 w. $12 per yr; 222 city tung. series 200 w. $24 per yr; all nt. (Aso lts. Byron and Springbank Park.)

D L 3 ✠ ★16

Helena Costume Co., Ltd., 190-198 King St.
Pres. & V. Pres. A. T. Little......London
*Sec. E. S. Little.................. "
Treas. E. A. Kompass............. "
Mgr. H. W. Kemp.................. "
¶ Supt. & Cont. Agt. H. A. Ruth.. "
Engr. Pwr. Sta. Edward Crepps... "

5 d.c. West. Elec. Const. Co. tot. 335 kw. 220-110 v; d. c. day & nt ltg. cir. 110 v; d. c. mo. cir. 220 v; 450 hp. e. Goldie McC, Leonard; 500 hp. b. Leonard, Goldie McC; also stm. htg.

Coal $3.35.

C D H L S 44

**L'ORIGINAL,** 1,026 — Elec. Lt. Plant.
*Owner & Mgr. K. Marston...L'Original

Purchases energy from The Hawkesbury Elec. Lt. & Pwr. Co. 2080 v. 3 pb. 60 cys; nt. ltg. cir. 120 v.

City cont. 36 incs. 50 c. p. $12 per yr; all nt.

L 3 ✠ 16

**LUCAN,** 830—Munic. Ltg. System.
*City Clerk, C. W. Stanley..........Lucan

Energy purchased from Hydro-Elec. Pwr. Comn.

L ✠ 25

**LUCKNOW,** 1,111—Elec. Lt. Plant; cap. $6,000.
Owners, W. Stewart & Sons....Lucknow
*Pres. W. Stewart.............. "
Sec. & Mgr A. P. Stewart .... "

1 arc Easton, 18 lts; 2 d. c. Easton tot. 125 amp. 110 v; 80 hp. e. Bell; 100 hp. b. tublr.

City cont. 12 d. c. series 6.6 amps. $50 per yr; moonlt. mdnt; coal, wood and refuse.

C L S ✠ 72

**MADOC,** 1,134—Munic. Elec. Lt. Plant; cost $15,000.
*Treas. R. T. Gray..................Madoc
¶Mgr. & Engr. Pwr. Sta.
Frank Smith...................... "

Buys energy from Hydro-Elec. Pwr. Comn.; 1 transf. Westg. 900 kw; a. c. day & nt. ltg. cir. 220 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys.

12 city arcs 1000 c. p. $50 per yr; 12 incs. 32 c. p. $8 per yr; all nt.

D L 3 ✠ 23

**MARKDALE,** 950—Minnis Bros. (Hydro-elec. pwr. sta. at Hayward's Falls.)
*Mgr. Orr Minnis..................Markdale

City cont. 1500 tung. $3.50 per yr; mdnt. & 5:30 A. M.

L W §26

**MARKHAM,** 1,100 — Munic. Elec. Lt. Plant.
Chmn. Lt. Com. A. F. Wilson..Markham
*Ch. Engr. & Elecn. W. A. Morrison "

1 a. c. C. G. E. 72 kw. 1100-110 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 70 hp. e. Goldie & McC.; 100 hp. b. Can. Fdry. Co.

Com. ltg. 10 cts. per kw; moonlt; coal $4.

L S 2 16

**MARMORA,** 1,000—*Munic. Elec. Lt. Plant.
Ch. Elecn. A. Eggleton............Marmora

1 a. c. G. E. 1040-104 v; no day cir; — hp. turb.

City cont. 20 incs. 32 c. p. $15 per yr.

L W X ✠ 16

**MATTAWA,** 1,700—Mattawa Elec. Lt. & Pwr. Co. Ltd.; cap. $30,000; no bds.
Pres. C. W. Haeutschel......Haileybury
V. Pres. R. Shanks.......Sault Ste. Marie
Sec. & Treas. T. H. Dougall....Mattawa
Mgr. & Cont. Agt. T. J. Harwood...Cobalt
*Supt. M. J. Burke...............Mattawa
Engr. Pwr. Sta. John La Jaumbe "

1 a. c. Bull 200 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 110-220 v. 3 ph. 60 cys; 325 hp. e. (gas) I. H. C; 300 hp. turb. Jenckes.

City cont. 15 arcs. 6.6 amp. $47 per yr; all nt.

G L W 3 ✠ 25

**MEAFORD,** 3,500—The Georgian Bay Milling & Pwr. Co.; cap. $73,000; no bds.
Pres. T. R. Moore..................Meaford
V. Pres. Sec. & Treas.
W. T. Moore...................... "
*¶Mgr. & Cont. Agt. W. J. Moore "
Supt. David Robinson............ "
Engr. Pwr. Sta. W. Monahan... "

2 a. c. C. G. E, A. C. B. tot. 475 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. day & nt. mo. cir. 2300-500 v; 1000 hp. wtr. wh. Barber.

City cont. 47 arcs Jandus 6.6 amp. $40 & $50 per yr; 228 incs. 16 c. p. $3.57 per yr; all nt.

D L W 3 ✠ 16

**MERRICKVILLE,** 1,024 — Rideau Pwr. Co., Ltd; bds. $30,000. (In 1915 Messrs. M. G. Henniger & J. S. Gould purchased an interest in this company.)
Pres. G. F. McKim.............Smiths Falls
*Sec. & Treas.
R. W. Watchorn..............Merrickville

Swedish Elec. Co. water turbines (2-950 hp.) & electrical apparatus; water rights leased from Dominion Government at $3 per hp. per annum.

(Under construction.)

L W 105w

**MERRITTON,** 1,850—Munic. Elec. Ltg. & Pwr. System; cap. outstg. $15,000; bds. $8,000.
Lt. Com. Chmn.
Henry J. Bradley.....Merritton
W. A. Richardson...... "
J. F. Vanderburgh...... "
*Sec. & Supt. A. T. Smith ....... "

Purchases energy from Ontario Pwr. Co.; 2 transf. C. W. tot. 60 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day mo. cir. s. & 3 ph. 25 cys.

235 city incs. 40 c. p. $6.38 per yr; all nt.

D L 1 3 25

**MIDLAND,** 4,105—Electric Light Commission; cost $28,000; bds. $28,000, 4 p. c. int.
Mayor, Edwin Letherby..........Midland
Chmn. Bd. W. T. Dudley......... "
Comr. A. W. Bell................... "
*¶Sec. Treas. & Cont. Agt.
S. J. Milliken .................. "

Energy purchased from the Hydro Elec. Pwr. Comn.; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys.

16 city arcs 6.6 amp. $40 per yr; 275 incs. 100 w. $10 per yr; all nt.

D L 3 ✠ ★16

Hydro-Elec. Pwr. Commission. See Toronto. (As of July 1, 1914 purchased the plant of the Simcoe Ry., Lt. & Pwr. Co.)

3 a. c. Can. West. tot. 2700 kw. 2200 v. 3 ph. 60 cys; trans. volt. 22,000 v. 3 ph. 60 cys; —— hp. wtr. wh. (ultimate cap. 4000 hp.). (Supplies energy to the Severn System.)

T W 3 74

**MILDMAY,** 1,000 — The Walkerton Elec. Lt. & Pwr. Co. See Walkerton.

a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200 v. 3 ph. 60 cys.

D L 3 16

**MILLBROOK,** 1,100—Central Ontario Pwr. Co., Ltd. (Controlled by Elec. Pwr. Co., Ltd., which see for executive officers.)

Local Mgr. G. F. Harrington. . Millbrook

a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. s. ph. 60 cys; trans. volt. 44,000-2200 v. s. ph.

City cont. 5 arcs 32 & 40 w. tot. $600 per yr; coal $4.50.

D L 1 ✣ 16

**MILTON,** 1,651—Munic. Elec. Lt. Plant; cost $14,000; bds. $8,000.

*Mayor, R. K. Anderson. . . . . . . . . . . Milton

¶ Clerk, G. A. Hemstreet. . . . . . . . . . "

Ch. Engr. & Elecn. R. Ellis. . . . . . . . . "

2 d. c. Bull, Allis-C. tot. 50 kw. 110 v; 100 hp. e. Waterous; 100 hp. b. Waterous; also stm. htg. Energy purchased from Hydro-Elec. Pwr. Comm. (Niagara Div.)

20 city arcs 1000 c. p. 30 incs. 16 c. p.; coal $3.93.

C H L S ✣ 104†

**MIMICO,** 1,407 — Munic. Elec. Ltg. System; debentures $13,000.

Chmn. C. Coxhead. . . . . . . . . . . . . . Mimico

*Clerk J. A. Telfer. . . . . . . . . . . . . . "

Energy purchased from Hydro-Elec. Pwr. Comn.

135 city Tung. 100 w. $11 per yr; all nt.

L ✣ 85

**MITCHELL,** 1,900—Munic. Elec. Lt. Plant; cost $30,000.

Mayor, W. E. Elliot. . . . . . . . . . . . . Mitchell

Bd. Com. { T. S. Ford. . . . . . . . . . . "

John Brodrick. . . . . . . "

*Mgr. Richard Ord. . . . . . . . . . . . . . "

1 a. c. Westg. 100 kw. 1100-115 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 25 & 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys. Buys energy from Hydro-Elec. Pwr. Comn; 3 transf. tot. 75 kw. 13,200 v. 3 ph. 25 cys; 1 transf. 550 v. 3 ph. 25 cys.

Moonlt., mdnt; coal $4.25.

D L S 2 3 ✣ 75

**MORRISBURG,** 1,692—*Munic. Elec. Lt. Plant.

1 a. c. C. G. E. 200 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir 2200 v; 300 hp. turb. (wtr.) Samson. Energy secured from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.)

D L W 3 104†

**MOUNT FOREST,** 2,214—Munic. Elec. Lt. & Wtr. Wks; cost $50,000.

Sec. J. P. Noonan. . . . . . . . . . . . . Mt. Forest

*Mgr. Patrick J. O'Donnell. . . . . "

Engr. Pwr. Sta. Jno. Hamilton. . "

2 a. c. C. G. E. West. tot. 160 kw. 1100-104 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 200 hp. e. Goldie & McC; 205 hp. b. Galt, Cowan.

170 series Tung. 40 c. p. $1.25 per yr; moonlt; 1 A. M; coal $4.60.

L S 1 ✣ ★125w

**NAPANEE,** 3,434—Seymour Pwr. & Elec. Co., Ltd. See Campbellford.

Local Mgr. Chas. Walters. . . . . . . Napanee

a. c. day & nt. ltg. cir. 110 v. 3 ph. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 19 transf. C. G. E. tot. 150 kw.

City cont. 38 arcs A. B. 6.6 amp. $55 per yr; 30 series incs. 6.6 amp. 60 c. p. $15 per yr; all nt.

D L 3 ✣ 16

**NEWBURG,** 648—Napanee Wtr. & Elec. Lt. Co. Ltd. (Controlled by Elec. Pwr. Co., Ltd., Toronto.)

L 75

**NEW HAMBURG,** 1,583 —*Munic. Elec. Lt. Plant; cost $8,000.

Buys energy of Hydro-Elec. Pwr. Commission 1 d. c. arc Rel. 40 lt; 2 a. c. Royal, U. E. Co. tot. 50 kw. 1040-110 v. s. ph. 60 cys; no day cir; 80 hp. e. Leonard; 90 hp. b. Leonard.

10 city arcs $36 per yr; 16 incs 32 c. p. $15 per yr; mdnt; coal.

L S 1 ✣ 127

**NEW LISKEARD,** 2,000 — Northern Ontario Lt. & Pwr. Co., Ltd. See Cobalt.

Auxiliary station at Chester Falls, 3 mi. N. of city. 1 a. c. Allis-C. 250 kW. 2500 v. 3 ph. 60 cys; a. c day & nt. ltg. cir. 110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v 3 ph. 60 cys; 400 hp. turb. (wtr.) Allis-C. Bull; 11,000 2200 v. trans. from Cobalt; 2 transf. C. W. tot. 300 kw.

City cont. 26 arcs. 6.6 amps. $55 per yr; 32 incs. H. E. series 6.6 amps. $14.50 per yr; all nt.

D L W 3 16

**NEWMARKET,** 3,400—Munic. Elec. Lt. Plant; cost $73,000.

Town Clerk P. J. Anderson. . Newmarket

*Ch. Engr. John Morris. . . . . . . . "

Engr. Pwr. Sta. Best Milrie. . . . "

2 a. c. Royal tot. 160 kw. 2000-100 v. 2 ph. 133 cys; a. c. day & nt. ltg. cir. 110 v; 350 hp. e. Goldie & McC; 400 hp. b. Goldie & McC.

103 city incs. 32 c. p; all nt; coal $4.50.

D L S 2 25

**NEW TORONTO,** 300 —*Munic. St. Ltg. System. Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

L 104†

**NIAGARA,** 1,727 — Munic. Elec. Lt. Plant. Address Niagara-on-the-Lake.

Clerk, W. E. Lyall. . Niagara-on-the-Lake

*Engr. Pwr. Sta. Jos. Brown "

Purchases pwr. from Ontario Pwr. Co.; 3 trans. C. G. E. tot 150 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 25 cys.

City cont. 250 incs. 60 w. all nt.

D L 3 44

**NIAGARA FALLS,** 4,515 — Munic. Elec. Lt. & Pwr. Plant; cost $126,000; bds. $92,000, 4 p. c. int.

*Supt. & Ch. Elecn.

G. E. Foster. . . . . . . . . . . . Niagara Falls

Purchases energy from The Ontario Pwr. Co.; 3 transf. C-W. tot. 2652 kw; 1 mo. gen. West. 300 hp; 2 a. c. C. G. E. tot. 240 kw. 2200 v. s. ph. 125 cys; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 440-220 v. 3 ph. 25 cys.

95 city arcs a. c. series 600 w. $84.50 per yr; 100 incs. 32 c. p. 110 w. $6 per yr; all nt.

D L 1 3 16

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The Ontario Power Co. of Niagara Falls. Office, Marine Bank Bldg., Buffalo, N. Y.; cap. $10,000,000; first mtge. bds. $10,105,000; debentures $2,900,000, conv. debentures $400,000; conv. 2d mtge. $1,660,000; 2-yr. notes $700,000.

Pres. J. J. Albright.........
V.Pres.Langdon Albright...
Sec. & Treas. Robt. C. Board
*Asst. Sec. H. E. Nichols...
Asst. Treas.
Gordon P. Turner........
1612 Marine Nat'l Bank Bldg. Buffalo, N. Y.
Gen. Mgr. & Ch. Engr. V.G.Converse Niagara Falls
Supt. E D. King............ "

14 a.c. West. G. E. tot. 169,000 hp. 12,000-v. 3 ph. 25 cys; a. c. pwr. cir. 60,000-30,000-12,000 v; 16,900 hp. turb. (wtr.) Voith, W. S. M. (Sells energy to the Niagara System of the Hydro-Elec. Pwr. Comm; contracts with distributing companies, manufacturers, electro-metallurgical and other industries at Niagara Falls, Ont. and territory adjacent to the Welland Canal; also contract with the Niagara, Lockport and Ont. Pwr. Co.)

T W 3 ★16

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Canadian Niagara Pwr. Co. Office, Niagara Falls, Ont.; cap. auth. $3,000,000; bds. $6,500,000.

Pres. Wallace Nesbitt............Toronto
V. Pres. & Sec. A. Monro Grier, Niagara Falls
Treas. W. Paxton Little, 15 Broad St., New York
*Gen. Mgr. Philip P. Barton.Niagara Falls
¶ Pur. Agt. C. M. Saxe..... "
Supt. L. E. Imlay.......... "

7 a. c. G. E. West. tot. 55,000 kw. 11,000 v. 3 ph. 25 cys; 75,000 hp. turb. Escher, Wyss & Co., Morris, Egbert. (Sells energy in bulk.)

T W 3 16

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The Toronto Pwr. Co. For officers, see Toronto.

11 a. c. C. G. E. tot. 93,250 kw. 60,000-12,000 v. 3 ph. 25 cys; 125,000 hp. wtr. wh. Morris.

T W 3 16

**NORTH BAY,** 6,500—The North Bay Lt., Ht. & Pwr. Co., Ltd. (Controlled by The Elec. Pwr. Co., Ltd., Toronto which see for officers); cap. $50,000.

Local Mgr. W. J. Wilkinson...North Bay

Buys energy from the NipissingPwr.Co. 3 transf. Can. Westg. tot. 1350 kw; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; (stm. aux. 900 hp.)

City cont. 434 incs. "C" 1000 c. p. (52) $58.75 yr yr. and 100 c. p. (382) $12 per yr; all nt; coal $5.40.

D L S 3 16

**NORWICH,** 1,203—Hydro-Elec. Ltg. System (Munic.); cost $14,000.

*Recorder, C. W. Carroll.........Norwich
Wtr. & Lt. Comn. { F. Pitcher.......... "
{ H. Van Volcunburg "
¶ Sec. Treas. Mgr. & Engr. Pwr. Sta. Wm. Fairley............... "
Ch. Elecn. W. Dayken.......... "

Pwr. purchased from Hydro-Elec. Pwr. Comm; 3 transf. Siemens tot. 150 kw; a. c. day & nt. ltg. cir. 115 v. 25 cys; a. c. mo. cir. 550-220 v. 3 ph. 25 cys.

City cont. 110 Tung. mult. 80 & 48 c. p. 100 & 60 w. $12 & $9 per yr; all nt.

D L 3 ✠ 74

**NORWOOD,** 1,200—Elec.Lt. Plant.

*Owner & Mgr. W. C. Harrison, Norwood
Ch. Engr. & Elecn. W. H. Harper "

1 a. c. U. E. 30 kw. 1000 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 75 hp. e. Warwick; 80 hp. b. Can. Fdy. Co.

City cont. 58 incs. 32 c. p. 6.6 amp. tot. $710 per yr; mdnt; slabs; sawdust.

L S 1 ✠ 75

**OAKVILLE,** 1,600—Munic. Elec. Lt. & Wtr. System.

Lt. Com. { Chmn. A. S. Chisholm...Oakville
{ *Mayor, Geo. Hillmer.... "
{ C. G. Marlatt............ "
¶ Mgr. & Ch. Elecn. R. S. Wilson. "

Purchases energy from the Dominion Pwr. & Trans.Co.; 3 transf. C.G. E. tot. 200 kw; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. mo. cir. 220-550 v. 3 ph. 60 cys.

City cont. 150 series Tung. 80 w. 7 cts. per kw; 1.30 A. M.

D L 3 ✠ 83

**ORANGEVILLE,** 3,000—Pine River Lt. & Pwr. Co. Pwr. plant at Hornings Mills; cap. $200,000; bds. $100,000.

Pres. Robert McGreggor..............Galt
V. Pres. S. J. Cherry..............Preston
*Sec. & Mgr. T. R. Huxtable.........Hornings Mills
Treas. T. H. Kilborn........Owen Sound
Engr. Pwr. Sta. W. Harkies...Orangeville

2 a. c. C. W. E. tot. 250 kw. 2200 v. 3 ph. 60 cys; trans. 22,000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day mo. cir. 220 v; 1000 hp. wtr. wh. Barber, Jenckes.

City cont. 150 series Tung. 4 amp. $20 per yr; moonlt. (Co. also lts. Shelburne & Hornings Mills.)

D L W 3 ✠ 75

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The Cataract Elec.Co., Ltd; pwr. plant in Cataract; cap. $50,000; no bds.

*¶Pres. & Mgr. J. M. Deagle..Orangeville

2 a. c. G. E. tot. 250 kw. 6600-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 375 hp. turb. (wtr.) Barber.

City cont. 30 arcs 1200 c. p. $60 per yr; (Orangeville) 17 incs. 50 c. p. $30 per yr; (Erin and Alton) 60 incs. 32 c. p. $12 per yr; moonlt. all nt. (Co. also lts. Cataract.) (Will increase capacity to 1000 hp.)

D L W 3 ✠ 75

**ORILLIA,** 6,000—OrilliaWtr.,Lt. & Pwr. Commission.

Chmn. E. Long..........................Orilla
V. Chmn. C. H. Hale................ "
*Sec. & Treas. F. Gover............ "
¶ Mgr. & Ch.Engr. W.K.Greenwood "
Engr. Pwr. Sta. G. Page......Hydro-Glen

3 a. c. West, S. K. C. tot. 1200 kva. 1200 v. 2 ph. 66 cys; a. c. day & nt. ltg. cir. 110 v. 66 cys; a. c. day & nt. mo. cir. 2200-550-440-220 v. 2 ph. 66 cys; 1600 hp. turb. Ham. (Auxiliary pwr. from Hydro-Elec. Pwr. Comm; 2 trans. West. tot. 1200 kva; trans. v. 22,000 v. 3 ph. 60 cys.)

City cont. 525 incs. 100 w. (475) $6.50 per yr. and 200 w. (50) $13 per yr. (Also lts. Artherly).

D L W 2 3 16

**OSHAWA,** 900 — Oshawa Elec. Lt. Co. (Controlled by Elec. Pwr. Co., Ltd. Toronto, which see for officers.)

Local Mgr. C. U. Peeling.........Oshawa

Energy purchased from Seymour Pwr. & Elec. Co., Ltd.; 3800-2200 v. 3 ph. 60 cys; 3 transf. C. G. E. tot. 2250 kva; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 550 220-110 v. 3 & s. ph. 60 cys.

City cont. 450 incs. Tung. 60 w. $12 per yr; all nt. (Also lts. Cedardale.)

D L 1 3 16

**OTTAWA,** 100.000—Ottawa Lt., Ht. & Pwr. Co., Ltd. Office, 35 Sparks St., Ottawa. (3 gen. stas. in the Chaudiere Dist.) (Owns the Ottawa Elec. Co. and the Ottawa Gas Co.). Cap. $3,484,400; bds. outstg. (Ottawa Elec. Co.) $1,125,000; (Ottawa Gas Co.) $150,000.

Pres. T. Ahearn........................Ottawa
V. Pres. E. H. Bronson............ "
Sec. & Treas. D R. Street......... "
Audrs. { R. Quain.................. "
{ S. Fee...................... "
*Gen. Supt. A. A. Dion............ "

7 a. c. Can. Westg, tot. 6700 kw. 2200 v. 2 ph. 60 cys; 2 mo. gen. sets Can. West. tot. 800 kw. 600 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440-550 v. s. & 2 ph. 60 cys; d. c. mo. cir. 500 v; 4700 kw. stm. turb. West; 8000 hp. wtr. wh. Smith, S. & B. S.-V. & Co.

Coal $4.43 & $3.70. (Co. lts. Ottawa, Hintonburg and suburbs (Hull, Que.)
D L S W 1 2 ✠ 75

W. C. Edwards Co. Ltd.; cap. outstg. $400,000; no bds.
Pres. Hon. W. C. Edwards..........Ottawa
V. Prests } *Gordon C. Edwards.. "
& Mgrs. } F. E. Parker............ "
Sec. T. E. Clendinnen............ "
¶ Pur. Agt Lorne Fraser......... "
Supt. Edward Brydge............. "

Gen. sta. at Edinburgh Mills.

5 a. c. C. E. G, Allis-C. tot. 5000 kw. 2300-2200-110 v. 2 ph. 60 cys; a. c. day ltg. cir; a. c. pwr. cir. 550 v. 3 ph; 2000 hp. e. Allis-C, Bull; 8000 hp. b. Weir; 4500 hp. wtr. wh. Kennedy.

Refuse from factory and planing mills.
D L S W 2 3 ★26

*Munic. Elec. Light Dept.

Purchases energy from Ottawa & Hull Pwr. & Mfg. Co., Hull, Que., 2300 v. 3 ph. 60 cys.
L 3 84†

**OWEN SOUND**, 10,775 — Public Utilities Comm.; cost $263,000.
Chm. John Legate..........Owen Sound
Treas. A. F. Armstrong...... "
¶Mgr. & Cont. Agt.
J. R. McLinden............ "
Engrs. } Michael J. Flood "
Pwr. Sta } Jno. Lynett...... "

2 a. c. G. E. tot. 825 kw. 2200 v. 3 ph. 60 cys: a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys; 900 hp. e. Robb, Armstrong, Inglis; 625 hp. b. Goldie & McC, Jenckes. Energy from Hydro-Elec. Pwr. Comm. (Severn Div.): 3 transf. West. tot. 1650 kw.

54 series arcs enc. 6.6 amp. $50 per yr; 73 tung. 60 w. $12 per yr; all nt; coal $3.60.
D L S W 3 16

**PAISLEY**, 1,088—Paisley Elec. Lt. Co.
Lessee & Mgr. J. A. McNeill.....Paisley
Asst. Elecn. F. McNeill........... "

1 a. c. Royal 75 kw. 2080-104 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 104 v; 137 hp. turb. (wtr.) Barber.

City cont. 49 incs. 60 w. $12 per yr; all nt.
L W 2 28

**PAKENHAM**, 650 —The Renfrew Flour Mills, Ltd. (Purchased plant of The Dowd Milling Co. Ltd.)
Pres. Thos. A. Low ..............Renfrew
Gen. Mgr. W. T. Guest........... "
Local Mgr. W. H. Edwards...Pakenham
Engr. Pwr. Sta. Wm. Fishenden "

1 d. c. Toronto & Ham. 20 kw. 220 ; 1 a. c. Westg. 40 kw. 1000-110 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; d.c. day cir. 220 v; 60 hp. turb. Barber.

City cont. 500 incs.
C D L W 2 ✠ 75

**PALMERSTON**, 2,200—Munic. Elec. Lt. Dept.
¶Mgr. & Ch. Engr.
W. J. Hansey........Palmerston

1 a. c. Bull. 75 kw. 2080-104 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 104 v; 150 hp. e. G. & McC; 275 hp. b. G. & McC, Waterous.

7 city arcs West. 450 w. $60 per yr; 27 series Tung, G. E. 60 w. $20 per yr; moonlt; coal $4.23.
L S 2 ✠ 25

**PARIS**, 3,700—Munic. Elec. Lt. Plant; cost $60,000.
Treas. Thos. McCosh..............Paris
Mgr. & Ch. Engr.
G. W. Wheeler.................... "

3 a. c. Ball, Allis C. Bull. tot. 1700 kw. 200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir; 200 hp. Goldie & McC; 219 hp. turb. (wtr.) Kennedy; 200 hp. b. Goldie & McC. Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

35 city arcs 2000 c. p. $55 per yr; incs. 7 & 8 cts. per kw; moonlt; coal $4.30.
D L S W 2 ✠ 104†

**PARK HILL**, 1,316—H. C. Baird & Co. cap. auth. & pd. in $14,000.
*Pres. & Mgr. O. Baird ........ Park Hill
V. Pres. P. Lindsay............. " "
Sec. & Treas. A. C. Baird........ " "
Ch. Elecn. Geo. Van Alstine ... " "

1 d. c. arc Rel. 28 lt; 2 d. c. C. G. E. — kw. 220 v; 100 hp. e. Goldie & McC; 100 hp. b. Goldie & McC.

City cont. 12 arcs 1500 cp; mdnt.
C L S ✠ 16

**PARRY SOUND**, 3,500—Munic. Elec. Lt. Plant; cost $61,000.
*Sec. E. E. Armstrong......Parry Sound
Treas. J. D. Broughton ..... " "
¶Mgr. Cont. Agt. & Ch. Engr.
G. Groves................. " "

1 a. c. Bull. 425 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 500-220-115 v; 700 hp. turb. Jenckes; also lts. Rose Point.
D L W 3 16

**PEMBROKE**, 7,586 — Pembroke Elec. Lt. Co., Ltd.; cap. auth. $150,000.
*Pres. E. A. Dunlop............Pembroke
V. Pres. Alexander Millar..... "
Sec. & Treas. Finlay Watt...... "
Ch. Engr. & Elecn. A. Cone.... "

2 a. c. Westg. tot. 500 kw. 2200-110 v. 3 ph. 60 cys; a. c. ltg. cir. 110 v; a. c. mo. cir. 2200 v; 300 hp. e. Goldie & McC; 2000 hp. turb. Jenckes;—hp. b. Goldie & McC. (stm. auxiliary.)

City cont. 86 arcs 2000 c. p. $46 per yr; all nt; coal.
L S W 3 ✠ 36

**PENETANGUISHENE**, 3,200—Munic. Elec. Ltg. System.
*Supt. J. Irwin...........Penetanguishene

Purchases energy from Hydro Elec. Pwr. Comn. of Ont; 3 transf. C. W. tot. 900 kw; a. c. day & nt. ltg. cir 110 v; a. c. day & nt. mo. cir. 3 ph. 60 cys.

19 city arcs 2000 c. p. $46 per yr; 200 com. incs. 100 w. $12 per yr.
D L 3 85

**PERTH**, 3,588—Canadian Elec. & Wtr. Pwr. Co. (Consol. with Perth Water Wks., Glen Tay Pwr. Co., Ltd., and The Tay Elec. Lt. Co., Ltd.); cap. auth. $150,000.
Pres. D. M. Finnie.................. Perth
Treas. C. J. Sewell..................... "
*¶Mgr. & Ch. Engr. R. J. Smith.... "

5 a. c. Stan. tot. 516 kw. 2400 v. 133 cys; a. c. day & nt. ltg. cir. 104-110 v 133 cys; a. c. mo. cir. 110-550 v. s. & 2 ph. 133 cys: 550 hp. turb. (wtr.) Leffel; 300 hp. e.; 250 hp. b. Manning.

Coal $5.
D L S W 1 2 ✠ 25

Munic. Elec. Lt. Plant; cost $12,000.
*Mgr. & Ch. Elecn.
J. Evarts Adams.....................Perth

3 d. c. arc Reliance, Ball. tot. 90 lt; no day cir; 100 hp. turb.

35 city arcs 1200 c. p. $65 per yr; mdnt. & all nt.
C L W 16

**PETERBORO**, 18,000—Peterboro Lt. & Pwr. Co., Ltd. (Controlled by Elec. Pwr. Co., Ltd. Toronto, which see for officers); cap. $200,000; bds. $297,500, 5 p. c. int.
Local Mgr. W. H. Munro.......Peterboro

Energy from Seymour Pwr. & Elec. Co.
L 25

Otonabee Pwr. Co., Ltd. (Controlled by Elec. Pwr. Co., Ltd, Toronto); cap. com. stk. $110,700; prfd. $112,600, 7 p. c.
¶Pres. & Mgr. W. G. Ferguson. Peterboro
1 a. c. C. G. E. 1250 kw. 2200-220-110 v. 3 ph. 60 cys; a. c. day cir: 2000 hp. turb. Ham.
D L W 3 ✠ 75

**PETROLIA,** 4,135—Petrolia Elec. Lt., Ht. & Pwr. Co. (Operated by Petrolia Utilities Co. Ltd.); cap. $60,000.
Pres. J. J. Ashworth............Toronto
V. Pres. M. Chapman............ "
Sec. Treas. & Audr. R. E. Young "
¶ Gen. Mgr. & Cont. Agt.
F. W. Coleman....................Petrolia
*Ch. Engr. F. Henderson......... "
Engr. Pwr. Sta. S. Smith......... "
2 a. c. C. G. E. tot. 320 kw. 2200-1100-110 v. s. & 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys; 130 hp. e. Goldie & McC; 260 hp. b. Can. Fdry. Co; 150 hp. e. (gas) Premier; 130 hp. gas pro. Can. Fdry. Co.
City cont. 34 arcs 2000 c.p. 6.6 amp. $55 per yr; 30 Mazda series 80 w. $15 per yr; moonlt; gas 14 cts; coal $3.50.
G L S 1 2 ✠ 74

**PICTON,** 4,000—Munic. Elec. Lt. Plant (Controlled by Bd. of Comrs.); cost $25,000.
¶ Mgr. & Ch. Elecn. T.O. Crandall. Picton
*Ch. Engr. H.M. Smith........... "
2 a.c. West. Royal tot. 300 kw. 2200-110 v. 2 ph. 60 cys; no day cir; 300 hp. e. Goldie & McC; 300 hp. b. Goldie & McC.
41 city arcs 6.6 amp. $45 per yr. 90 incs. 32 c. p. $15 per yr. moonlt; coal $4.00.
L S 2 ✠ 127

**PORT ARTHUR,** 18,000—Public Utilities Commission.
*¶Sec. V. Shipway...........Port Arthur
Supt. & Ch. Elecn. Richard Fox,
Port Arthur
Ch. Engr. John Hayes....... "
Purchases energy from Hydro-Elec. Pwr. Comn.; 3 d.c. Bull. tot. 450 kw. 500v; 3 a.c. Bull, tot. 1250 kw. 2040 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 2200 v; d. c. mo. cir. 500 v; 2250 hp. turb Jenckes.
City cont. 2400 tung. 60 & 100 w. $5 & $8.30 per yr; all nt.
C D L W 3 ✠ ★16

**PORT COLBORNE,** 1,300—Welland Elec. Co. See Welland.

**PORT CREDIT,** 600—*Munic. St. Ltg. System,
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**PORT DALHOUSIE,** 1,100—Munic. Ltg. System.
*Supt. L. F. Holmes......Port Dalhousie
Energy purchased from Hydro Elec. Pwr. Comn.; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. —— v. — ph. — cys
D L X 65w

**PORT ELGIN,** 1,659—Saugeen Elec. Lt. & Pwr. Co., Ltd. See Southampton.
City cont. 33 incs. 50 c. p. $14 per yr.
L 16

**PORT HOPE,** 5,042—Port Hope Elec. Lt. & Pwr. Co. Ltd.. (Controlled by Elec. Pwr. Co., Ltd., Toronto, which see for officers); cap. auth. & pd. in $49,000; no bds.
Local Mgr. V. B. Coleman.....Port Hope
Purchases energy from Seymour Pwr. Co; 2 transf. G. E. tot. 1500 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 60 cys.
City cont. 378 incs. series 6.6 amp. 60 c. p. $12 per yr; all nt.
D L 1 3 ✠ 85

**PORT PERRY,** 1,500—Munic. Elec. Lt. Plant; cap. $22,000; bds. auth. & issued $13,000.
*Sec. & Treas. J. H. Brown...Port Perry
Bd. Comrs. Jos. Lucas....... "
& Mgrs. J. L. Forman.... "
Engr. Pwr. Sta. J. R. Tinsley. "
1 a. c. West. 60 kw. 1100 v. s. ph. 60 & 125 cys; 75 hp. e. Stratford; 90 hp. b. Stratford.
Midnt; coal $4.20. (Also lts. Prince Albert.)
L S 1 ✠ 84

**PORT STANLEY,** 616—Munic. Elec. Lt. Plant.
*Mgr. Walter Mitchell.......Port Stanley
Energy purchased from Hydro-Elec. Pwr. Comn.; 3 transf. Seimens tot. 150 kw; a. c. day & nt, ltg. cir. 110 v. 25 cys; a. c. mo. cir. 2200-220 v. s. & 3 ph. 25 cys.
City cont. 110 Tung. 100 w. $16 per yr; all nt.
D L 1 3 16

**PRESCOTT,** 3,019—Munic. Elec. Lt. Plant; cost $30,000; cap. $17,075.52.
Treas. Fred. Rowe...............Prescott
*Supt. & Ch. Engr.
R. R. Dowsley.................. "
Engr. Pwr. Sta. Harry Perkins.. "
Energy purchased from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.) 27,000 v; a. c. day & nt. ltg. cir. 100 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; stm. auxil. 1 a. c. C. G. E. 150 kw. 220 v. 3 ph. 60 cys; 250 hp. e. G. & McC, Cowan; 300 hp. b. Raney, Selby.
400 city nitro. incs. 100 w. $6.25 per yr., all nt: coal $3.68.
D L S 3 ★16

**PRESTON,** 3,300—Munic. Elec. Lt. Dept. Address, Drawer A, Preston.
Mayor, C. Hurlbut.................Preston
Chmn. A. N. W. Clare............. "
V. Bernhard............ "
Comrs. W. F. Mickus........... "
J. Proudfoot........... "
Sec. & Treas. E. G. Heise......... "
*¶ Mgr. Cont. Agt. & Engr.
Pwr. Sta. A. Herrington........ "
Energy purchased from Hydro-Elec. Pwr. Comn.; trans. 6600 v; 10 transf. West, C. G. E, C.-W. tot. 1486 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys; 200 hp. b. G. & McC. (for heating).
229 city incs. Edison 4 amp. 60 & 80 w. $11 & $12 per yr; all nt; coal $290 per yr. (Also lts. Blair and Doon.)
D H L 3 25

**RENFREW,** 4,500 (approx.)—Munic. Elec. Lt. Plant; cost $110,000.
Mayor, N. McCormack...........Renfrew
Clerk J. A. Devenny............ "
*Engr. J. R. Stewart.............. "
2 a. c. Swedish G. E. tot. 600 kw. 2300 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-550 v. 2 ph. 60 cys; 290 hp. e. Bellis & Morcom; 300 hp. b. Goldie McC; 1100 hp. turb. (wtr.) Smith.
D L S W 2 25

Renfrew Pwr. Co., Ltd.; cap. outstg. $66,100; bds. $15,750.
Pres. A. Barnet..................Renfrew
V. Pres. A. Francis............... "
*Sec. Robt. Handley............ "
Treas. & Mgr. J. E. H. Barnet... "
2 a. c. C. G. E. tot. 700 kw. 2300v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2300 v; 1200 hp. turb. Ham.
City cont. 53 arcs 6.5 amp. $32 per yr:
D L W 2 ✠ 36E

**RIDGETOWN,** 2,405—Munic. Elec. Lt. Plant.

Comrs. J. A. Elliott. Chmn.. Ridgetown
R. W. Stokes........ "
P. J. Henry........ "
*Gen. Supt. Dan Break........ "
Engr. Pwr. Sta. J. W. Campbell "

1 a. c. Royal 60 kw. 2080-104 v. s. ph. 133 cys; a. c. nt. ltg. cir. 104 v; 100 hp. e. Leonard; 200 hp. b. Park.

40 city Mazdas 100 w. $20 per yr; moonlt; gas $1,300 per yr.

L S 1 ✣ 25

**ROCKWOOD,** 600—*Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

L 104†

**ST. CATHARINES,** 14,500—Dominion Pwr. & Trans. Co., Ltd. For officers, see Hamilton.

Local Mgr. G. L. Sherk....St. Catharines
Supt. F. Foster........... "

a. c. ltg. cir. 110 v. 66⅔ cys; a. c. mo. cir. 220 v. 3 ph. 66⅔ cys.

L 3 16

**ST. JACOBS,** 500—Elec. Lt. Plant.

*Owner, E. W. B. Snider........St. Jacobs

1 d. c. C. Westg. 25 kw. 125 v; d. c. nt. ltg. cir. 120 v; 50 hp. turb. (wtr.) Barber.

City cont. 15 incs. 32 c. p. $8 per yr; 11 P. M. & 6 A. M. to sunrise.

C L W 25

**ST. MARYS,** 3,466—Wtr., Lt. & Ht. Comn. cost $68,000.

Comrs. Chm. C. E. Richardson, St. Marys
F. G. Sanderson........ "
Mayor Wm. Weir........ "
*Sec. Treas. & Supt. H. M. Miller "
Engrs. Pwr. Sta. A. Crocker.... "
S. Robinson... "

1 a. c. C. G. E. 200 kva. 2200 v. 3 ph. 25 cys; a. c. day & nt. ltg. cir. 110-220 v. 25 cys; a. c. day & nt. mo. cir. 550-220 v. 3 ph. 25 cys; 300 hp. e. Lawrie, Goldie & McC; 300 hp. b. Waterous: purchases energy from Hydro-Elec. Pwr. Comm. 3 transf. C. G. E. tot. 450 kva. 250 hp. mo. gen. C. G. E. (Steam plant held in reserve.)

350 nitro. incs. 100 & 250 c. p. $13 & $25 per yr., all nt; coal $4.06.

D L S 3 ✣ ★16

**ST. THOMAS,** 11,903—Munic. Elec. Lt., Ht. & Pwr. Plant.

*Mayor, M. B. Johnson........St. Thomas
Chm. Bd. W. K. Sanderson... "
Accountant, C. R. Southern.. "
¶ Treas. Mgr. & Cont. Agt.
E. H. Caughell.............. "
Supt. & Engr. Pwr. Sta.
J. J. Roberts................ "

Energy secured from Hydro-Elec. Pwr. Comm., 62 transf. C. G. E, Packard tot. 715 kw; 1 rot. conv. West. 200 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220 v 3 ph. 25 cys.

65 city arcs A. B. series $55 per yr; 900 tung. incs. $9 per yr; all nt. (New sub. station under constr; will install 2-750 kva. transf.)

D L 3 36E

**SANDWICH,** 1,352--Sandwich, Windsor & Amherstburg Ry. See Windsor.

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Essex County Lt. & Pwr. Co., Ltd. See Leamington.

**SARNIA,** 8,176—Sarnia Gas & Elec. Lt. Co.; cap. $100,000; bds. $128,000.

Pres. D. Milne.....................Sarnia
V. Pres. W. B. Collins.............. "
*Sec. & Treas. J. B. Williams...... "
¶Mgr. W. Williams.................. "
Ch. Engr. J. E. B. Phelps.......... "

3 a. c. Swedish G.E. tot. 800 kw. 2200 v. 3 ph. 60 cys; 2 d. c. Swedish G. E. tot. 360 kw. 500 v; 2 c. c. rect. tot. 110 lt. 6.6 amp; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; d.c. st. ry. cir. 500 v; 600 hp. e. Goldie & McC, Galt; 800 hp. b. Goldie & McC, Galt; 1250 hp. turb. (stm.) West.

City cont. 118 arcs 1200 c. p. $60 per yr; 54 Mazdas 6.6 amp. 100 w. $20 per yr; incs. 9 to 4½ cts. per kw; moonlt; gas 12 cts. (Co. also lts. Point Edward and sells energy to Sarnia St. Ry. Co., Ltd.)

C D L S 3 ★26

**SAULT STE. MARIE,** 11,000—Munic. Wtr. & Lt. Dept. (Purchased distribution system of Tagona Wtr. & Lt. Co.); debentures issued $500,000.

City Treas. C. W. McRae, Sault Ste. Marie
*Mgr. A. E. Pickering... " "
¶Pur. Agt. F. K. Allen.. " "
Supt. W. D. Brown...... " "

Energy purchased from Algoma Steel Corp., Wtr. Pwr. Dept.; 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 208 v. 3 ph. 60 cys;

65 city arcs 6.6 amp. $50 per yr; 339 city tung. 600 c. p. (7) $50 per yr., 250 c. p. (71) $25 per yr. and 100 c. p. (261) $12 per yr., all nt. (Also lts. Steelton and Korah.)

D L 3 ★16

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Algoma Steel Corp. Ltd., Wtr. Pwr. Dept. Hydro-elec. plants at Sault Ste. Marie and Steep Hill Falls, 175 miles north of Sault Ste. Marie.

Pres. J. Frater Taylor...Sault Ste. Marie
V. Pres. W. C. Franz.... " "
Sec. Thomas Gibson..............Toronto
Treas. James Hawson...Sault Ste. Marie
Mgr., Cont. Agt. & Ch. Engr.
J. S. H. Wurtele.... " "
¶ Pur. Agt. A. C. Menzies " "
Engrs. Pwr. Sta. R. A. Campbell " "
I. H. MacKenzie
Steep Hill Falls.

STEEP HILL FALLS STA:

2 a. c. Can. C.-W. tot. 1800 kva. 11,000 v. 3 ph. 60 cys; trans. volt. 22,000 v; 2600 hp. wtr. wh. Ham.

SAULT STE. MARIE STA:

6 a.c. C. West. tot. 1350 kw. 2200 v. 3 ph. 60 cys; 10 d. c. C. G. E. tot. 2225 kw. 550 v; trans. volt. 2200 v; 6300 hp. wtr. wh. Smith. (Lts. Steelton and sells energy in bulk to City of Sault Ste. Marie; plant at Steep Hill Falls has trans. lines to mines and sells energy in bulk.)

C T W 3 ★16

**SEAFORTH,** 2,641—*Munic. Elec. Lt. Plant. (Buys energy from Hydro-Elec. Pwr. Comm.)

Trans. 110,000 v. 3 ph. 25 cys.

L 3 44

**SHELBURNE,** 1,300—Pine River Lt. & Pwr. Co. See Orangeville.

City cont. moonlt. 1 A. M.

L 75

**SIMCOE,** 3,800—Munic. Hydro-Electric System, 56 Peel St.

Chmn. Comm. R. E. Gunton......Simcoe
Treas. Frank Reid................ "
*Gen. Supt. R. H. Crapper......... "

Purchases energy from Hydro-Elec. Pwr. Comm; 3 transf. C. West. tot. 300 kw; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 25 cys.

246 city incs. series 6.6 amps. 100 w. (220) $12 per yr. and 250 w. (26) $30 per yr., all nt

D L 1 3 ★16

**SMITHS FALLS,** 5,155—Smiths Falls Elec. Pwr. Co. Ltd. (Water rights leased from Dominion Government for 99 years); cap. $100,000.

Pres. Wm. H. Frost........Smiths Falls
V. Pres. F. T. Frost........ "
Sec. Jas. Edwin Frost...... "
Treas. E. Theodore Frost.. "
*¶ Mgr. & Cont. Agt.
Geo. B. Frost............. "
Supt. & Engr. Pwr. Sta.
Ross O'Hara.............. "

1 a. c. West. 275 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-550 v. 3 ph. 60 cys; 560 hp. e. G. & McG; 560 hp. e. G. & McC.; 350 hp. b. G. & McC; 600 hp. wtr. wh. Barber.

City cont. 250 incs. mult. H. E. 100 w. (200) & 200 w. (50) $25 & $30 per yr., all nt.

D L S W 3 16

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Citizens' Elec. Lt. Co.; cap. $35,000.
Pres. J. H. Gould.............Smiths Falls
*¶ Sec. Treas. & Mgr.
J. S. Gould .............. "
Supt. Alex. Baker............ "
Engr. Pwr. Sta. J. Scroggie.. "

1 a. c. G. E. 250 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-440 v. s. & 3 ph. 60 cys; 150 hp. e. Goldie & McC; 150 hp. b. Goldie & McC; 300 hp. turb. (wtr.) Ham.

Coal $4.90.

D L S W 1 3 ✣ 75

**SOUTHAMPTON,** 1,700—Saugeen Elec. Lt. & Pwr. Co., Ltd.; office at Walkerton; cap. auth. $12,000.
Pres. John Rowland..........Walkerton
V. Pres. David Robertson...... "
*Sec. & Treas. W.B.Thompson "
Supt. & Ch. Elecn.
John McVittie.............. "

1 a. c. C. G. E. 200 kw. 6600 2200-104 v. 3 ph. 60 cys: a. c. day ltg. cir. 110 v; 200 hp. e. G. & McC; 300 hp. turb. Kennedy, Barber; 300 hp. b. G. & McC; 290 hp. wtr. wh. Amer. Sampson.

City cont. 78 incs. 50 c. p. $14 per yr; com. incs. 16 c. p. $3.60 per yr; all nt. (Co. also lts. Port Elgin.)

D L S W 3 ✣ ★16

**STAYNER,** 1,090—Munic. Hydro-Elec. Plant.
*Engr. Pwr. Sta. Irving Jackmon..Stayner

1 a. c. Royal s. ph. 125 cys; a. c. nt. ltg. cir. 110 v. 125 cys; 100 hp. e. (gas) F. M. & Co; 100 hp. gas pro. F. M. & Co.

City cont. 45 Tung. $11 per yr; mdnt. all nt; coal $3.94.

G L 1 ✣ 23

**STEELTON,** 3,936—Algoma Steel Corpn., Ltd., Wtr. Pwr. Dept. See Sault Ste. Marie.

**STIRLING,** 850—Munic. Elec. Lt. & Pwr. System; cost $12,000.
*Supt. F. A. Sprentall..............Stirling

Buys energy from Seymour Pwr. & Elec. Co., Ltd.: trans. volt. 44,000 v. 3 ph; 1 transf. C. G. E. 100 kw. 2400 v. s. ph; a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 240 v. s. & 3 ph; 20 hp. mo.

63 city Tung. 60 w; all nt.

D L 1 3 11

**STOUFFVILLE,** 1,300—Munic. Elec. Lt. Plant; cost $7,000.
*Clerk, J. Urquhart..............Stouffville
¶Pur. Agt. J. J. Ratcleff...... "
Gen. Supt. & Ch. Engr. Pwr.
Sta. R. O. Ward.............. "

1 a. c. West. 50 kw. 1080 v. s. ph. 60 cys; a. c. nt. ltg. cir. 110 v; 125 hp. e. Cor; 125 hp. b.

50 city incs. $16 per yr; mdnt; coal $5.15.

L S 1 ★16

**STRATFORD,** 12,000—Public Utility Comn.
Chmn. Angus McDonald...11 Ontario St.
*¶ Sec. Treas. & Mgr.
R. H. Myers...................City Hall
Engr. Pwr. Sta. Jas. Swanson.. "

Energy purchased from Hydro-Elec. Pwr. Comn; 6 transf. Packard tot. 900 kva; 1 mo. Gen. West. 150 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; d. c. ltg. cir. 110 v; a. c. mo. cir. 220-550 v. s. & 3 ph. 25 cys; d. c. mo. cir. 220 v.

922 city incs. series 6.6 amp. 100 w. (740) and 500 w. (182) $10 & $50 per yr; all nt.

C D L 1 3 16

**STRATHROY,** 3,316—Public Utilities Comn; P. O. Box 55; cost $75,000.
Comrs. { Chm. Julius Shields...Strathroy
Mayor Graham........ "
R. M. Pincombe....... " }
*Sec. & Supt. E. R. Smithrun.. "

Purchases energy from Hydro-Elec. Pwr. Comn; 3 transf. C. G. E. tot. 225 kva; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys.

283 city tung. Nitrogen 100 c. p. (251) and 250 c. p. (32) $15 & $24 per yr; all nt.

D L 1 3 ★16

**STREETSVILLE,** 543 — *Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

L 104†

**STURGEON FALLS,** 2,300—Northern Ontario Lt. & Pwr. Co. See Cobalt.

Energy purchased from Spanish River Pulp & Paper Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-110 v. 2 & 3 ph. 60 cys.

City cont. 75 incs; all nt. (Also lts. Cache Bay.)

D L 2 3 16

**SUDBURY,** 7,040 — Munic. Elec. Lt. Plant: cost $89,056.41.
Treas. W. J. Ross.................Sudbury
*¶Mgr. R. H. Martindale
P. O. Box 822 "

Purchases energy from Wahnapitei Pwr. Co., 22,000 v. 3 ph. 60 cys; 6 transf. C. G. E. tot. 1500 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys.

44 city arcs magn. 6.6 amp; 314 city incs. nitro. 6.6 amp. 1000 c. p. (14) and 100 c. p. (300); all nt.

D L 2 3 16

**SUNDERLAND,** 800 — *Munic. Ltg. System. Purchases energy from Hydro-Elec. Pwr. Comm.

L ✣ 25

**SUTTON WEST,** 700—*A. J. Lowick & Son.
Engr. Pwr. Sta. F. Lowick, Sutton West.

1 d. c. G. E. 220 v; d. c. nt. ltg. cir. 220 v; 50 hp. wtr. wh. Barber.

City cont. 28 incs. 40 w. $10 per yr; 11.30 P. M.

C L W 16

**TARA,** 695—Tara Elec. Lt. Plant.
Owned by T. R. Foster Est.........Tara
*Mgr. A. R. Foster.............. "

1 arc Reliance 25 lt; 23 hp. turb. Barber.

L W 73

**TAVISTOCK,** 1,100—Elec. Lt. Plant.
*Owner, J. G. Field............Tavistock
Ch. Engr. P. E. Steinman..... "

1 d. c. 700 kw. 1000 v; 125 hp. e. Whitelaw; 130 hp. b.

C L S ✣ 16

**TEESWATER,** 1,300—Teeswater Elec. Lt. Co.; cap. $7,000.
*¶Owner & Mgr. Walter Rose...Teeswater

2 a. c. Royal Johnstone, tot. 85 kw. 1100-110 v. s. & 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 135 hp. e. G. & McC; 150 hp. b. G. & McC; 50 hp. turb. (wtr.) Barber.

City cont. 60 Mazdas 50 & 100 c. p. $10 & $15 per yr; moonlt; coal $4.60; wood $2.50.

L S W 1 2 ✠ 74

**THAMESVILLE,** 798—Munic. Elec. Lt. Plant; cost $6,250.
*Chmn. Fire, Wtr. & Lt. Com.,
F. M. Syer.....Thamesville
Mgr. & Ch. Elecn.
Wm. Montgomery "

Energy secured from Hydro-Elec. Pwr. Comn.

60 city incs. 32 c. p. $10 per yr; coal $4.

L X ✠ 16

**THESSALON,** 1,300—Munic. Elec. Lt. Plant; cost $11,000.
*Chmn. Com. Frank Chisholm.Thessalon
Engr. Pwr. Sta. E. E. Thompson "

1 a. c. C. G. E. 60 kw. 1040-104 v. s. ph. 125 cys; a. c. nt. ltg. cir. 104 v. 125 cys; a. c. mo. cir. 104 v. s. ph. 125 cys; 80 hp. e. Goldie & McC; 150 hp. b. Goldie & McC.

13 city arcs mult. 6.5 amp. $50 per yr; 15 Tung. 60 w. $6 per yr; moonlt; wood $2,000 per yr.

L S 1 75

**THORNBURY,** 902—Munic. Elec. Lt. Plant. Cost $15,000.
Comm. { Chmn. S. MacCallum, Thornbury
E. Raymond........ "
M. Snetsinger........ "
*Mgr. E. J. Sladden........... "

1 a. c. C. G. E. 110 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; 75 hp. turb. (wtr.) Barber.

City cont. 200 incs. mult. 60 w., midnt.

L W 1 ★36

**THORNDALE,** 350—Munic. St. Ltg. System.
*Sec. Geo. Van Horn..........Thorndale

Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)

L §26

**THOROLD,** 2,500—Munic. Elec. Lt. Plant; cost $25,000.
*Mgr. L. S. O'Connor............Thorold
Ch. Engr. T. R Grenville........ "

2 a. c. G. E. tot. 200 kw. 2200 v. s. ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 370 hp. wtr. wh. Trump. (Purchases 100 hp. from Hydro. Elec. Pwr. Comn. of Ont.)

500 city Mazdas 60 w; all nt.

D L W 1 75

**TILBURY,** 1,614—Hydro-Elec. Pwr. Plant.
*Mgr. Thos. C. Vickerman.......Tilbury

2 d.c. London Const. Co. tot. 80 kw. 110 v; a. c. nt. ltg. cir. 108 v; 100 hp. e. Leonard; 170 hp. b. Park Bros.

City cont. 15 arcs $45 per yr; moonlt; gas $70 per mo.

C L S ✠ ★16

**TILLSONBURG,** 2,500 — Tillsonburg Hydro-Elec. Comn. (Munic.)
Mayor, C. H. Denton........Tillsonburg
Chmn. J. C. Ross............ "
V. Chmn. E. C. Jackson....... "
Sec. & Treas. C. N. Sterling
P. O. Box 473, "
*Gen. Supt. John E. Teckoe " "

Energy purchased from Hydro-Elec. Pwr. Comn. of Ontario; 13,200-2200 v; 8 transf. C.-West. tot. 225 kva; a. c. day & nt. ltg cir. 110-115 v; a. c. day & nt. mo. cir. 110-220-550 v. s. & 3 ph. 25 cys.

City cont. 250 incs. 6.6 amp. 80 c. p. $11 per yr., all nt.

D L 1 3 ✠ ★16

**TORONTO,** 500,000—The Toronto Elec. Lt. Co., 12 Adelaide East; cap. $4,000,000; bds. $1,000,000.
Pres. H. M. Pellatt..............Toronto
V. Pres. D. B. Hanna............ "
Sec. J. C. Grace................ "
Treas. Mill Pellatt............... "
*Gen. Mgr. Robt. J. Fleming.... "
Sales Mgr. M. C. Gilman........ "
¶ Pur. Agt. H. H. Beasley....... "
Ch. Engr. F. G. Clark............ "

"STAND BY" EQUIPMENT—

3 a. c. G. E. tot. 11,500 kw. 12,500 v. 3 ph. 25 cys; 3 d. c. G. E. tot. 1350 kw. 250 v; 3360 amp. stor. bat. 250 v. E. S. B; 2800 hp. e. Polson; 11,500 kw. turb. (stm.) G. E., C. G. E; 7996 hp. b. Heine, Bab. & W.

Purchases energy from Toronto Pwr. Co. 12,500 v. 3 ph. 25 cys; 24,000 kva. trans. C. G. E., C. West; 1 syn. conv. C. West 1000 kw; 16 mo. gen. C. G. E., C. West. Allis C. tot. 11,600 kw; 5 frequency changers C. G. E. tot. 2500 kw.

a. c. day & nt. ltg. cir. 115-230 v. 25 cys; d. c. day & nt. ltg. cir. 115 v; a. c. mo. cir. 230-550 v. s. & 3 ph. 25 cys; coal.

C D L S 1 3 ✠ 25

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Hydro-Elec. Pwr. Commission. Office, Continental Life Bldg., Toronto. (Owned and operated by Prov. of Ontario until bds. are fully paid, when it will be owned by Municipalities participating.)
Comrs. { Chmn. Sir Adam Beck, K.B.,
London
L. B. Lucas............Toronto
W. K. McNaught, C.M.G., "
Sec. W. W. Pope.................. "
*Ch. Engr. Frederick A. Gaby.... "

NIAGARA SYSTEM

Buys 12,000 v. 3 ph. 25 cys. energy from Ontario Pwr. Co., Niagara Falls, Ont. which it transmits at 110,000 v. and supplies at cost to the Municipalities of Hamilton, Toronto, Woodstock, Ingersoll, St. Thomas, London, St. Marys, Stratford, New Hamburg, Berlin, Waterloo, Preston, Galt, Hespeler, Tillsonburg, Weston, Brampton, Dundas, Seaforth, Mitchell, Norwich, Mimico, Port Credit, Waterdown, Beachville, Port Stanley, Baden, Caledonia, Hagersville, Rockwood, Georgetown, Acton, Cooksville, Milton, Elmira, Streetsville, Clinton, Walkerville, Thamesford, Brantford, Paris, Breslau, Goderich, Thorndale, New Toronto, Windsor, St. Thomas, Thorold and Guelph; 285 mi. trans. lines 110,000 v. and 500 mi. of 13,200 v. lines.

SEVERN SYSTEM

Energy at 22,000 v. 3 ph. 60 cys. from Midland, (plant formerly property of Simcoe Ry., Lt. & Pwr. Co.) is transmitted and sold at cost to the Municipalities of Midland, Penetanguishene, Coldwater, Barrie, Stayner, Collingwood, Owen Sound, Beaverton, Cannington and Waubaushene; 160 mi. wood pole trans. line 22,000 v.

(Hydraulic plants are also under construction at Wasdell's Falls on the Severn River, which will ultimately supply the Municipalities of Brechin, Woodville and Gamebridge, and at Eugenia Falls on the Beaver River, which will ultimately supply the municipalities of Mount Forest, Thornbury, Meaford, Flesherton, Chatsworth, Dundalk, Shelburne, Durham, Walkerton, Hanover, Exeter and Harriston.)

PORT ARTHUR SYSTEM

Buy energy at 22,000 v. 3 ph. 60 cys. from the Kaministinquia Pwr. Co., Port Arthur, Ont. Supplies power to Port Arthur, Ont.

ST. LAWRENCE SYSTEM

Purchases energy at 26,400 v. 3 ph. 60 cys. from the N. Y. & Ontario Pwr. Co., Morrisburg. This energy is transmitted and supplied at cost to the municipalities of Morrisburg, Prescott, Brockville, Williamsburg, Winchester and Chesterville, and will ultimately supply Russell; 75 mi. wood pole transmission line.

The city of Ottawa is also supplied with power purchased at 2300 v. 3 ph. 60 cys. from Ottawa & Hull Pwr. & Mfg. Co., Hull, Que. Also serves municipalities of Chatham, East Toronto, Fergus, Lucan, Port Dalhousie, Madoc, Embro, Dresdon, Thamesville, Orilla, Paris and Wallaceburg.

T 3 104w

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Interurban Elec. Co., Ltd. Office, 211-15 Mavety St., West Toronto. Pwr. plants in West Toronto and Erindale; cap. $400,000.

Pres. H. Waddington..............Toronto
*¶V. Pres., Mgr. & Cont. Agt.
E. S. Edmondson.............. "
Sec. Gideon Grant........ "
Ch. Engr. Thos. Henry.... "
Engr. Pwr. Sta.
Edward Dicken.......... "

Energy purchased from Erindale Pwr. Co. and Toronto Pwr. Co.; 10 transf. C. G. E, Johnson tot. 4000 kva: trans. 13,200 v. 3 ph. 60 cys; a. c. day & nt ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 2 & 3 ph. 25 & 60 cys; 1200 hp. e. Robb; 1600 hp. b. Can. Fdry. Co.; 500 hp. turb. (wtr.) Barber.

172-100 w. lamps for st. ltg. in townships $12 per yr; coal $4.50.

D L S W 2 3 74

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Toronto Hydro-Elec. System (Munic.); debentures $6,650,000.

Comrs. { Chmn. P. W. Ellis.....Toronto
Mayor T. L Church.... "
R. G. Black............ "
*Gen. Mgr. H. H. Couzens........ "
Asst. Gen. Mgr.
E. M. Ashworth............... "
Mng. Engr. P. E. Hart............ "
Sales Mgr. C. G. Devlin............ "
¶Pur. Agt. W. C. Burch.......... "

Purchases energy from Hydro-Elec. Pwr. Commission; capacity at Toronto Terminal Sta. 40,000 hp. with step-down transf.; a. c. day & nt. ltg. cir. 110-220 v. 25 cys; a. c. pwr. cir. 550 v. 3 ph 25 cys; d. c. day & nt. ltg. & mo. cir. 500-250 v.

44,000 city tung. 100 w. $8 per yr.

C D L 3 ✠ 16

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The Toronto Pwr. Co. Office, Toronto Railway Chambers, Toronto. (Operates under lease the Electrical Development Co. of Ontario, Ltd., and the Toronto & Niagara Pwr. Co.) (Pwr. plant at Niagara Falls (which see for equipment); 80 miles trans to Toronto and Thorold.) Debenture stk. $1,513,027.23; consol. debenture stock $15,998.329.59 (4½ p. c.); 1st mtge. bds. $4,081,900 (5 p. c.).

Pres. Sir Wm. Mackenzie........Toronto
V. Pres. Sir H. M. Pellatt........ "
Sec. & Treas. J. C. Grace........ "
Gen. Mgr. Robt. J. Fleming...... "
*Asst. to Gen. Mgr.
D. H. McDougall ............... "
Ch. Engr. Farley G. Clark....... "

T W 16

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The Nipissing Pwr. Co., Ltd. Office. Confederation Life Bldg., Toronto; pwr. plant on South River. (Controlled by Elec. Pwr. Co., Ltd.; which see for officers.) cap. $100,000; bds. $521,000, 5 p. c. int.

Local Mgr. W. J. Wilkinson....North Bay

2 a. c. Can, West. tot. 900 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-220 v. 3 & s. ph. 60 cys; 1850 hp. wtr. wh. Jenckes; trans. 22,000 v.

Co. supplies energy to North Bay Lt., Ht. & Pwr. Co., Can. Pac. Ry. at North Bay and the T. & N. O. Ry. Co. and furnishes ltg. & pwr. to Callender, Nipissing and Powassan.

D L W 1 3 16

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Electric Pwr. Co., Ltd. Confederation Life Bldg. (Controls the Seymour Pwr. & Elec. Co., Ltd., Peterboro Lt. & Pwr. Co., Ltd., Peterboro Radial Ry., Auburn Pwr. Co. of Peterboro, Ltd., Trenton Elec. & Wtr. Co., Ltd., Lt., Ht. & Pwr. Co. of Lindsay, Ltd., Port Hope Elec. Lt. & Pwr. Co. Ltd., Otonabe Pwr. Co., Ltd., Sidney Elec. Pwr. Co., Ltd., Nipissing Pwr. Co. Ltd., Oshawa Elec. Lt. Co., City Gas Co. of Oshawa, Ltd., Cobourg Utilities Corpn., Ltd., Napanee Gas Co., Ltd., Napanee Wtr. & Elec. Lt. Co., Co., Ltd., Central Ontario Pwr. Co., Ltd., Tweed Elec. Lt. & Pwr. Co., Ltd., Eastern Pwr. Co., Ltd., North Bay Lt., Ht. & Pwr. Co., Ltd.); cap. $4,000,000; bds. $1,000,000.

Pres. Strachan Johnston...........Toronto
V. Pres. Samuel H. Ewing......Montreal
Sec. Ernest A. Macnutt.......... "
*Asst. Sec. Samuel D. Fowler....Toronto
Treas. John Littlejohn............ "
Asst. Treas. E. S. Swift.......... "
Gen. Mgr. W. S. Robertson....... "
Supt. Geo. B. Smith.............Belleville

Co. controls 10 hydro-elec. pwr. stas. tot. 60,000 hp; 459 mi. trans. 44,000 v.

★16

**TORONTO JUNCTION,** 9,300 — See West Toronto.

**TOTTENHAM,** 650—Munic. Elec. Lt. Plant; cost $15,000.

Sec. Verney & Co...............Tottenham
*¶ Supt. & Ch. Engr.
J. H. Sloan.................... "

2 d. c. Westg. Kay tot. 50 kw. 125 v; no day cir; 85 hp. e. Goldie & McC; 90 hp. b. Goldie & McC.

40 city incs. 16 c. p; 200 com. incs. 16 c. p. $5 per yr; mdnt; coal $4.80.

C L S ✠ 75

**TRENTON,** 4,364—Trenton Elec. & Wtr. Co. (Ltd.) (Controlled by Elec. Pwr. Co., Ltd., Toronto, which see for executive officers.)

¶ Local Mgr. A. T. Hicks........Trenton

Energy purchased from Seymour Pwr. & Elec. Co., Ltd; 6 transf. tot. 1500 kw; 1 rot. conv. 750 kw; a. c. day & nt. ltg. cir. 130 v; a. c. day & nt. mo. cir. 2200-220 v. 3 ph. 60 cys.

City cont. 289 incs. 80 c. p. 6.6 amp $10 per yr; all nt. (Also operates in Belleville and Brighton.)

D L 3 ✠ 16

**TWEED,** 1,350—Tweed Elec. Lt. & Pwr. Co. (Controlled by The Elec. Pwr. Co., Ltd., Toronto, which see for officers); cap. $24,000.

Local Mgr. D. N. Duffy..............Tweed

Buys energy from Seymour Pwr. & Elec. Co. Ltd.; a. c. day & nt. ltg. cir. 115 v. 50 cys; a. c. day & nt. mo cir. 220 v. 3 ph. 60 cys.

City cont. 40 Tung. 40 & 60 c. p. all nt.

D L 3 35

**UXBRIDGE,** 2,023 — Uxbridge Elec. Lt. Plant.

*Owner & Mgr. J. W. Gould....Uxbridge
Ch. Engr. John McPhail........ "

1 arc Ball 25 lt; 1 a. c. C. G. E. 60 kw. 1040-104 v. 125 cys; 70 hp. e. Goldie & McC; 34 hp turb. Little Giant; 100 hp. b. Goldie & McC.

City cont 12 arcs 2000 c. p. $50 per yr; moonlt; mdnt; coal $4.65.

L S W X 16

**VANKLEEK HILL,** 1,674—Vankleek Hill Elec. Co. (Ltd.); cap. $15,000.

Pres. Chas. N. Robertson......Montreal

*Sec. & Treas. E. M. Robertson Vankleek Hill
¶ Mgr. & Ch. Elecn. J. A. Robertson................ " "
Purchases energy from Hawkesbury Elec. Co. 10,000-120 v. 60 cys; a. c. day cir. 120 v. 60 cys; a. c. mo. cir. 240 v. 60 cys.
City cont. 136 incs. 32 c. p. $10 per yr. all nt.
D L X ✣ 23

**WALKERTON,** 3,061—Walkerton Elec. Lt. & Pwr. Co., Ltd.; cap. auth. & pd. in $30,000.
Pres. David Robertson, K. C. . Walkerton
V. Pres. John Rowland...... "
*¶Sec. & Treas. W. B. Thompson "
Ch. Engr. J. T. Potter........ "
Engr. Pwr. Sta. F. Zarn...... "
2 a. c. Swedish G. E. tot.-kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-550-220 v. 60 cys; 425 hp. turb. Kennedy.
City cont. 133 incs. "C" West. 50 w. (105) and 100 w. (28) $10 & $12.50 per yr., mdnt. & 2 morning hrs. (Oct.-Mar.) (Co. also lts. Mildmay and Formosa.)
D L W 3 ✣ 16

**WALKERVILLE,** 2,000—Walkerville Hydro-Elec. Comm; cost $173,000.
Chmn. C. M. Bennett.........Walkerville
*¶ Sec., Treas. & Mgr. C. J. De Bats................ "
Supt. Distribn. Wm. Lowry... "
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.); 3 transf. C. G. E. tot. 2250 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550-4000 v. 3 ph. 25 cys.
683 city orna. incs. 60 w. $5.60 per yr., all nt.
D L 3 §26

**WALLACEBURG,** 2,763—*Munic. Ltg. System.
Purchases energy from Hydro Elec. Pwr. Comn. of Ont.
L X 16

**WATERFORD,** 1,083—*Munic. Elec. Lt. Plant.
Hydro-elec. plant; a. c. nt. ltg. cir. 60 cys.
85 city tung; all nt; coal.
L W X 122

**WATERDOWN,** 756—*Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Niagara Div.)
L 104†

**WATERLOO,** 4,500—Munic. Elec. Lt. & Pwr. Plant.
*¶Sec., Treas. & Mgr. C. W. Schiedle...............Waterloo
Supt. & Ch. Engr. Pwr. Sta. Geo. Grosz .................. "
Energy purchased from Hydro-Elec. Pwr. Comn., 13,200 v; 6 transf. West. tot. 900 kw; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 25 cys.
434 nitro. lamps series 100 c. p. $8.75 per yr; 44 5-lt. stds. $40 per yr. & 8 3-lt. stds. $25 per yr; all nt.
D L 3 ✣ ★16

**WATFORD,** 1,279—Watford Elec. Lt. Plant.
¶ Owner, Mgr. & Cont. Agt. Geo. Chambers ..................Watford
Sec. & Treas. L. E. Chambers... "
Engr. Pwr. Sta. B. Nicholson... "
2 d. c. C. G. E. tot. 50 kw. 230 v; d. c. nt. ltg. cir. 230 v; 107 hp. e. Leonard; 100 hp. b Leonard.
City cont. 60 tung. 45 w. $14 per yr; moonlt; coal & wood $12.82 per yr.
C L S ✣ ★16

**WAUBAUSHENE,** 1,000—*Munic. St. Ltg. System.
Energy secured from Hydro-Elec. Pwr. Comm. (Severn Div.)
L 104†

**WELLAND,** 5,000—Welland Elecl. Co.; cap. $100,000,
*Pres. W. M. German, M.P. ......Welland
V. Pres. W. C. Hawkins........Hamilton
¶ Sec., Mgr. & Cont. Agt. C. J. Page.........................Welland
Engr. Pwr. Sta. W. G. Angus...Hamilton
Energy from Ontario Pwr. Co., Niagara Falls; trans. 12,000 v; 1 arc C. G. E. 75 kw; a. c. nt. ltg. cir. 200 kw. 2200 v. 2 ph. 25 cys; a. c. mo. cir. 12,000-2200-440-220 v. 3 ph. 25 cys.
City cont. 50 arcs G. E. 488 w. $40 per yr; all nt. (Co. also lts. Port Robinson, Fonthill, Ridgeville and Port Colborne.)
D L 2 3 ✣ 23

**WEST HAMILTON,** 1,000—See Dundas.

**WEST LORNE,** 800—The West Lorne Elec. Lt. Co., Ltd.; cap. $1,890.
Pres. D. McPherson..........West Lorne
V. Pres. D. Hyndman........ "
*¶Sec. & Treas. D. F. Webster "
Mgr. W. Webster............ "
Engr. Pwr. Sta. John Ward., "
2 d. c. Elec. Const. Co. tot. 30 kw. 125 v; no day cir; 40 hp. e. Leonard; 80 hp. b. Leonard.
City cont. 6 arcs 1500 c. p. $45 per yr; 5 incs. 32 c. p. $11 per yr; mdnt; sawdust.
C L S 122w

**WESTON,** 1,525 — Munic. Elec. Lt. & Wtr. Plant; cost $64,000.
*Chmn. W. Cruickshanks .........Weston
Gen. Supt. Allan Pierson.......... "
Engr. Pwr. Sta. Robert Greer..... "
Energy purchased from Hydro-Elec. Pwr. Comn.; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. mo. cir. 550 v. 3 ph. 25 cys.
100 city incs. 16 c. p; all nt.
D L 3 ✣ 44w

**WESTPORT,** 900—Westport Elec. Lt. & Milling Co., Ltd. (Lessees, J. M. Stoness & Sons.)
Pres. G. H. Berry.................Westport
V. Pres. W. S. Ripley........... "
*Sec. & Treas. G. R. Wing...... "
Engr. Pwr. Sta. John Stoness... "
1 a. c. C. G. E. 2300 v. s. ph. 60 cys; 11 transf. C. G. E, Rideau, tot. 50 kw; a. c. day & nt. ltg. cir. 110 v; 200 hp. (wtr.) turb.
City cont. 4 arcs 6 amp. 900 carbon; all nt.
D L W 1 ✣ 25

**WEST TORONTO,** 13,000—*Munic. Elec. Lt. Co.; cost $24,000.
Supt. P. J. O'Donnell......West Toronto
Purchases energy from Interurban Elec. Co.; 3 a. c. transfs. C. G. E. tot. 90 kw; trans. volt. 2200 v. 2 ph. 60 cys.
141 city arcs a. c. 6.6 amp. $54.70 per yr; 11 series Tung. 6.6 amp. $9 to $12.50 per yr; all nt. (Also lts. No. Toronto, Eglinton and Toronto Junction.)
L 2 23

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The Toronto Suburban Ry. Co.
Pres. Sir Wm. McKenzie........Toronto
V. Pres. Allen H. Royce......... "
Sec. Treas. & Mgr. Geo. C. Royce "
*¶Pur. Agt. Robt. Gilbert..West Toronto
Purchases energy from The Toronto Pwr. Co; a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 220-550 v. 3 ph. 25 cys
City cont; all nt. (Co. lts. city of West Toronto; also Townships of York and Etobicoke.)
D L 3 ✣ 16

**WHITBY,** 2,400—Munic. Elec. Lt. Plant; cost $65,000.
Chmn. J. McIntyre................Whitby
Sec. W. J. Luke.................... "
Treas. Jos. White.................. "
*Supt. Geo. W. P. Every ......... "

Energy purchased from Seymour Pwr. & Elec. Co., Ltd.; 41 transf. C. G. E, West. tot. 387 kva. trans. 3810 v; a. c. day & nt. ltg. cir. 108 v. 60 cys; a. c. mo. cir. 550-220 v. 3 ph. 60 cys.

282 tung. series 6.6 amp. 100 w. $6.50 per yr; all nt.

D L 3 75

**WIARTON,** 2,800—Sauble Falls Lt. & Pwr. Co. (Pwr. plant at Sauble Falls.)
Pres. Jno. C. Thede...........Port Elgin
*Sec., Treas. & Mgr. R. J. Millar..Wiarton
Engr. Pwr. Sta. Jno. Rodgers..Sauble Falls

1 a. c. G. E. 250 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220 v; 220 hp. wtr. wh. Ham.

City cont 19 arcs Jandus 480 w. $55 per yr; 56 incs. 32 c. p. $15 per yr; mdnt. moonlt.

D L W 3 ✠ 16

**WILLIAMSBURG,** 300—*Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.)

L 104†

**WINCHESTER,** 1,101 — Winchester Elec. Plant.
Owner, Frank Elliot...........Winchester
*Lessee & Mgr.
Thos. O Van Bridger........ "

1 a. c. West. 60 kw. 1040 v. s. ph. 125 cys: a. c. nt. ltg. cir. 104 v; 80 hp. e. Hunter, Cor; 80 hp. b.

Coal $5.

L S 1 ✠ 73

*Munic. St. Ltg. System.

Energy secured from Hydro-Elec. Pwr. Comm. (St. Lawrence Div.)

L 104†

**WINDSOR,** 23,000--Sandwich-Windsor & Amherstburg Ry.; cap. $297,000, bds. $490,000.
Pres. J. C. Hutchins...... Detroit, Mich.
V. Pres. F. W. Brooks.... "
Sec. A. E. Peters.......... "
Treas. Jos. Bampton...... "
*¶Mgr. James Anderson..........Windsor
Supt. Geo. B. McLeod.......... "
Engr. Pwr. Sta. N. Maitland.... "

2 a. c. C. G. E. tot. 1000 kw. 2300 v. 3 ph. 60 cys; 5 d. c. West. tot. 1010 kw. 500 v; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir; stm. purchased.

(Co. also lts. Sandwich.)

C D R 3 ✠ 16

Windsor Hydro-Elec. System.
Comrs.
Mayor A. W. Jackson..Windsor
Chmn. J. H. Shepherd.. "
J. E. Banwell.......... "
*Mgr. O. M. Perry ................ "
Audr. F. J. Holton............... "
Supt. Ovhd. Distrbn
F. D. Hubbell..................... "

Purchases energy from Hydro-Elec. Pwr. Comn; 3 transf. Can. C.-W. tot. 2250 kva; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550-220 v. 3 ph. 60 cys.

300 city arcs 500 w. $50 per yr; 1700 nitro. incs. 100 w. $12 per yr; all nt.

D L 3 ✠ ★115

**WINGHAM,** 2,500—Munic. Elec. Lt. Plant; cost $30,000; bds. $22,000.
*Treas. J. F. Groves............Wingham
¶ Mgr. & Cont. Agt.
H. Campbell..................... "
Engrs. Pwr. Sta.
Alex. McCreight.... "
John Radford........ "

1 a. c. C. G. E. 150 kw. 2300 v. 3 ph. 60 cys; 1 d. c. arc C. G. E. 30 lt; 27 transf. C. G. E. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550-220 v; 100 hp. e. G. & McC; 250 hp. b. G. & McC; 250 hp. turb. (wtr.) Barber.

31 city arcs enc. 2000 c. p. $60 per yr; midnt; moonlt; coal $4.13.

C D L S W 3 ✠ 23

**WOODSTOCK,** 10,000—Munic. Wtr. & Lt. System; cost $150,000.
Chmn. B. McNichol...........Woodstock
*Sec. Treas. & Mgr. A. B. Lee "
Gen. Supt. J. G. Archibald... "
Asst. Supt. H. G. Hall........ "

2 a. c. C. G. E. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 25 & 60 cys; a. c. day & nt. mo. cir. 2200-550-220-110 v. s. & 3 ph. 25 cys; 400 hp. e. Leonard, Mansfield; 600 hp. b. Bab. & W; buys energy from Hydro-Elec. Pwr. Commission; 3 transf. C. G. E. tot. 900 kw.

672 city tung. series and multiple 80-100 & 250 c. p. $10 & $25 per yr; all nt.

D L S 1 3 ★26

**WROXETER,** 504—*Munic. Elec. Lt. Plant; cost 8,500.
¶ Clerk, J. Buthanes............Wroxeter

1 a. c. U. E. 50 kw. 1000-100 v. s. ph. 133 cys; 60 hp. e. Leonard; 130 hp. b. Peters.

City cont. 17 incs. 32 c. p; coal and wood. (Co. also lts. Govrie.)

L S 1 ✠ 22

**YARKER,** 400—Benjamin Wheel Co., Ltd.
Pres. & Mgr. A. W. Benjamin.....Yarker
V. Pres. Geo. W. McLaughlin....Oshawa
Sec. & Treas. J. L. Gardiner......Yarker
*Gen. Supt. R. B. Gilbert.......... "
Audr. W. F. Hall.... ......... Napanee
Ch. Engr. F. E. Benjamin.........Yarker

3 d. c. West. J. & M. tot. 75 kw. 125 v; no day cir; 200 hp. turb. Curtis.

Coal $7.50.

C L S ✠ 25

**ZURICH,** 480—*J. A. Williams & Co.

2 d. c. Barton 110 v; 600 incs; d. c. nt. ltg. cir. 110 v.

Coal $4.

C L S ✠ 75

## PRINCE EDWARD ISLAND.

**CHARLOTTETOWN,** 12,080—*Charlottetown Elec. Co.

4 a. c. C. G. E. tot. 500 kw. 1100-104 v. s. ph. 133 cys; a. c. day & nt. ltg. cir. 114 v. 60 cys; 800 hp. e. Leonard, Goldie & McC; 1000 hp. b. Bab. & W.

City cont. 76 series arcs 6.6 amp. $78 per yr; 45 series Tung. 32 c. p. $22 per yr; com. incs. 13 cts. per kw; moonlt; coal $4.10.

D L S 1 ✠ 75†

**MONTAGUE,** 800—Montague Elec. Co.; cap. $10,000.
*Pres. J. W. Carruthers.........Montague
Sec. Treas. & Supt.
N. J. McDonald............. "
Engr. Pwr. Sta. Mike Rice..... "

1 a. c. C. G. E. 27 kw. 2080 v. s. ph. 125 cys; 14 transf. C. G. E. tot. 25 kw; a. c. nt. ltg. cir. 104 v. 125 cys; 44 hp. wtr. wh. Grecy.

L W 1 16

**SUMMERSIDE,** 2,875 — Summerside Elec. Co.; cap. auth. $100,000, pd. in $25,000, 6 p.c. div.
*Pres. N. McQuarrie.........Summerside
¶ Treas. & Mgr. T. B. Grady "
Ch. Engr. W.A. Cunningham "

3 a. c. C. G. E. tot. 200 kw. 1040-104 v. s. ph. 125 cys; no day cir; 500 hp. e. Leonard; 500 hp. b. Leonard, Robb.

Coal $4.

L S 1 ✠ 85

# QUEBEC.

**ARTHABASKA,** 1,500 — Arthabaska Wtr. & Pwr. Co. See Victoriaville.

**ASBESTOS,** 2,800—Shawinigan Wtr. & Pwr. Co. See Shawinigan Falls.

**AYLMER,** 4,000—Hull Elec. Co. See Hull.

**BAIE ST. PAUL,** 5,000—Baie St. Paul Elec. Co.; cap $40,000.
Owners, Little Sisters of Mary Baie St. Paul
¶ Mgr. Euloge Tremblay..... "
Ch. Elecn. Oscar Boivin..... "

1 a. c. C. G. E. 250 kw. 2000-100 v. 2 ph. 60 cys; a. c. pwr. cir. 2000 v; 390 hp. turb. Little Giant.

City cont. 100 incs. 16 c. p. $6 per yr; all nt.

L W 2 ✠ 16

**BEAUCEVILLE,** 4,300—St. Francis Wtr Pwr. Co. See Thetford Mines.

**BEAUHARNOIS,** 1,976 — Beauharnois Elec. Co., Ltd; cap. outstg. $500,000.
Pres. W. G. Ross..................Montreal
Sec. & Treas. D. K. Goodfellow Beauharnois

Energy purchased from Canadian Lt. & Pwr. Co.; 4 transf. Allis-C., C. G. E. tot. 200 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys.

(Co. also lts. Woodland & Chateauguay.)

D L 3 16

**BEAUPORT,** 3,072—Quebec Ry., Lt., Ht. & Pwr. Co. See Quebec.
a. c. day & nt. ltg. cir. 104 v. 64 cys.

D L 16

**BEDFORD,** 1,364—Bedford Elec. Lt. Co.
Owner, H. C. Campbell..............Bedford
Engr. Pwr. Sta. E. E. Proctor... "

1 a.c. U. E, 50 kw. 2000 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. Lawrie; 00 hp. b. Leonard; 110 hp. wtr. wh. Wms.

City cont. 50 incs. 16 c. p. $8 per yr; all nt; wood and coal.

L S W 1 ✠ 11

**BERTHIERVILLE,** 1,400—The St. Maurice Lt. & Pwr. Co. See Shawinigan Falls.

**BIENVILLE,** 1,004 — Canadian Elec. Lt. Co. See Levis.

**BLACK LAKE,** 2,000 — St. Francois Wtr. Pwr Co. See Thetford Mines.

**BUCKINGHAM,** 2,936—Electric Lt. Plant.
Owner, Albert MacLaren....Buckingham
¶ Mgr. D. J. Halliday...... "

1 a. c. West. 390 kw. 2300-110 v. 60 cys; no day cir; 600 hp. turb. Kennedy.

City cont. 40 arcs 6.6 amp. $55 per yr; ll nt. (Also lts. Buckingham Junction).

L W X ✠ 16

**CACOUNA,** 1,500—See Fraserville.

**CAPE MAGDELAINE,** 3,175—North Shore Pwr. Co. See Three Rivers.

**CHAMBLY CANTON,** 1,200—Willetts Limited (Elec. Lt. Plant); cap. $300,000; no bds.
Pres. T. O. Lyall....................Montreal
V. Pres. Sec. & Treas.
E. Alex. Wright................ "
Gen. Supt. Jos. Bouchard Chambly Canton

Energy supplied from Montreal Lt., Ht. & Pwr. Co.; 20 transf. Wag, West, C. G. E. tot. 950 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 550 v. 2 ph. 60 cys.

City cont. 85 incs. 32 c. p. $13 per yr; all nt. (Co. also lts. Chambly Basin.)

D L 2 26

**CHAMPLAIN,** 1,800 — North Shore Pwr. Co. See Three Rivers.

**CHARLESBURG,** 2,000 — Dorchester Elec. Co. See Quebec.

**CHATEAU RICHER,** 1,800—Quebec Ry., Lt., Ht. & Pwr. Co. See Quebec.
a. c. day & nt. ltg. cir. 104 v. 64 cys.

D L 16

**CHICOUTIMI,** 7,000—La Societe d'Eclairage & d'Energie Electrique du Saguenay; cap. auth. & pd. in $200,000; bds, $723,600.
Pres. J. E. A. Dubuc........Chicoutimi
V. Pres. J. E. Clautier........ "
Sec. R. Belleau................ "
Treas. Ed. L. Mallais......... "
*¶ Mgr. & Cont. Agt. J. G. Moquin "
Audrs. Carter & Wagner...... "
Supt. X. Ouellet............ "
Ch. Engr. Ed. Lovoie......... "
Engr. Pwr. Sta. B. Lessord... "

1 a. c. C, West. 1500 kw. 2200 v. 3 ph. 60 cys; 5 transf. C. G. E, West. tot. 3850 kva; 2 mo. gen. C. West. tot. 600 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2200-550-220-110 v; 2200 hp. turb. (wtr.) Smith.

City cont. 8 arcs 500 c. p. $50 per yr; — tung. 16 & 25 w. $3 per yr; all nt. (Also lts. Riviere du Moulin and Ste. Anne.)

D L W 3 ✠ 16

**COATICOOK,** 3,267—Munic. Elec. Lt. & Pwr. Plant; 2 pwr. plants on Coaticook River; cost $74,061.94.
Sec. & Treas. R. M. Chartier..Coaticook
*¶ Cont. Agt. & Mgr.
Elwin E. Akhurst............. "
Supt. & Ch. Engr. Pwr. Sta.
Herbert A. Whitcher......... "

2 a. c. C. West, Bull. tot. 500 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. day & nt. mo. cir. 220-500 v. 3 ph. 60 cys; 650 hp. wtr. wh. Jenckes Smith.

280 city nitro. incs. 60 c. p. $12.50 per yr; all nt. (Also lts. North Coaticook and Barford.)

D L W 3 ✠ ★26

**CONTRECOEUR,** 1,800 — Sorell Lt. & Pwr. Co. See Sorell.

**COOKSHIRE,** 1,000—Westbury Elec. Lt. & Pwr. Co. (Plant in East Angus); cap. $75,000; no bds.
*Pres. & Mgr. H. A. Worby....Cookshire
V. Pres., Sec. & Treas.
G. Wm. Allard................. "
Engr. Pwr. Sta. Elmer Williams East Angus

2 a. c. Muralt. S. G. E. tot. 175 kw. 3000-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys; 300 hp. turb. (wtr.) Jenckes.

City cont. 70 incs. 16 c. p. $5 per yr; 1700 incs. $4 to $6 per yr; all nt. (Co. also lts. East Angus and Bury.)

D L W 3 ✠ 16

**COTE DES NEIGES,** 1,156—Montreal Public Service Corpn. See Montreal.

**COWANSVILLE,** 699 — Cowansville Elec. Lt. Plant.
*Owner, Nelson Buzzell.....Cowansville

1 a. c. C. G. E. 62½ kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. turb. Little Grant, McC.

City cont. 50 Tung. 60 w. $13 per yr; all nt. (Co. also lts. Sweetsburg.)

L W 3 ✠ 25

**DANVILLE,** 1,017—Shipton Elec. Lt. & Pwr. Co.
Owner, M. Henry Richey..........Danville
*Mgr. Gerald S. Richey.............. "
Supt. & Engr. Pwr. Sta.
C. E. Thompson............... "
1 a. c. C. G. E. 150 kw. 2300-104 v. s. ph. 60 cys; no day cir; 150 hp. e. Leonard; 200 hp. b. Jenckes; 225 hp. turb. (wtr.) Jenckes.
City cont. 45 tung. 60 w. $10 per yr., all nt; coal $3.45; wood $3.
L S W 1 ✣ 16

**DESCHAMBAULT,** 1,814—Portneuf Hydraulic Co., Ltd. (Successor to Deschambault Elec. Co.) Pwr. plant at St. Albans.
Pres. L. C. Mayrand, M.D...Deschambault
V. Pres. J. E. Vorsard..........St. Marc
*Sec. Treas. & Mgr.
Henri Paré.............Deschambault
Supt. Ovhd. Distrbn.
J. A. Robillard.......... "
Hydro-elec. plant: 3 wtr. wh. sets tot. 1500 kw. 25,000-2200 v. 3 ph.
T W 3 ★16

**DISRAELI,** 2,000 — La Compagnie Champoux.
Pres. John Champoux .............Quebec
V. Pres.
J. A. Champoux....Campbellton, N. B.
Sec. D. Champoux .. "
*Mgr. D. G. Rheault...............Disraeli
Engr. Pwr. Sta. Ed. Gagnon...... "
Wtr. pwr; all nt.
L W ✣ 16

St. Francis Wtr. Pwr. Co. See Thetford Mines.

**DIXVILLE,** 500—*J. B. Parker. Cost $3,000.
Ch. Engr. Wm. G. Mayhew...... Dixville
1. d. c. G. E. 500 lt. 110 v; d. c. nt. ltg. cir. 110 v; 40 hp. wtr. wh. Lamb.
11 P. M.
C L W ✣ ★16

**DRUMMONDVILLE,** 2,000—Southern Canada Pwr. Co., Ltd. (Operates The St. Johns Elec. Lt. Co., Ltd. and controls La Cie. de Gaz, Elec. Lt. Pouvoir, St. Hyacinthe.) Office, 43 St. Francis Xavier St., Montreal; pwr. sta. on River St. Francis; cost $80,000.
Pres. C. J. McCuaig...............Montreal
Sec. & Treas. L. C. Haskel...... "
*Mgr. Jas. B. Woodyatt........... "
Audrs. McIntosh & Hyde........ "
Engr. Pwr. Sta.
W. B. Blockley.........Drummondville
3 a. c. C. G. E, Allis-C. tot. 500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-550-2200 v. s. & 3 ph. 60 cys; 850 hp. turb. (wtr.) Jenckes, Ham.
125 city series tung. 60 c. p. $12 per yr. all nt.
D L W 1 3 ✣ 16

**EAST ANGUS,** 1,300—Westbury Elec. Lt. & Pwr. Co. See Cookshire.

**EAST BROUGHTON,** 2,158 — Shawinigan Wtr. & Pwr. Co. See Shawinigan Falls.

**FARNHAM,** 3,700—*Farnham Munic. Plant; cost $130,000.
Mgr. & Ch. Elecn. W. Girard....Farnham
2 a. c. Lancashire tot. 2300 kw. 3000-100 v. 3 ph. 60 cys; 2 d. c. Lancashire tot. 136 amp. 125 v; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 550 v; 550 hp. e. Belliss & Morcom; 200 hp. b. Goldie & McC; 1200 hp. wtr. wh. Canadian Boring Co.
City cont. 250 tung. 40 & 60 w. $12 per yr; all nt; coal $1.85.
C D L W 3 ✣ 22

**FOSTER,** 250--Brome Lake Elec. Pwr Co. See Waterloo.
a. c. nt. ltg. cir. 104 v. 60 cys.
L 2

**FRASERVILLE,** 7,000 — Munic. Elec Lt. Plant; cost $126,000; bds. $132,000.
*Mayor, Alf. Fortin...........Fraservil
Sec. Treas. Mgr. & Cont. Agt.
E. Talbot.................... "
Supt. Wm. Hodgson........... "
1 a. c. Royal 200 kw. 2400-104 v. 2 ph. 13 cys; no day cir; 250 hp. turb. (wtr.) Jenckes.
41 city arcs 6 amp. $50 per yr; 137 city incs. 120 w. $10 per yr; all nt. (Also lts Cacouna.)
L W 2 ✣ 7

**GRANBY,** 5,023—Munic. Elec. Lt. Plant cost $40,000.
¶ Sec. & Treas. J. A. Tomkins...Granby
*Supt. & Ch. Elecn. J. H. Hannan. "
Ch. Engr. C. E. Booth............ "
2 a. c. C. G. E tot. 250 kw. 2080-110 v. s ph. 60 cys; no day cir; 200 hp. e. Jenckes 140 hp. turb. (wtr.) Jenckes; 210 hp. b Bab. & W.
43 series tungsten incs. 350 c. p. $65 per yr; 25 city incs. carbon 32 c. p. $15 per yr moonlt. mdnt; coal $5.25.
L S W 1 65

**GRAND MERE,** 5,000—The St. Maurice Lt. & Pwr. Co. See Shawinigan Falls.

**HULL,** 17.585—The Ottawa & Hull Pwr & Mfg. Co., Ltd. Main office, 134 Wellington St., Ottawa. (One pwr. sta. in operation and one under construction.
Pres. W. C. Edwards...............Ottawa
V. Pres. J. B. Fraser.............. "
Sec. & Treas. R. Blackburn...... "
Mng. Dir. Sir Henry K. Egan .... "
*Supt. D. P. Burke................ "
5 a. c. C.G.E. tot. 10,600 kva 2300-11000 v 2 & 3 ph. 60 cys; 2 d. c. C. G. E. tot 225 kw. 125 v; 13,500 hp. turb. (wtr. Dayton Globe, Kennedy. (100 hp. b. Powers used for heating.) (Energy sold in bul to Hydro Elec. Pwr. Comn. at 10,000 v. fo City of Ottawa; Ottawa Elec. Ry. & Hull Elec. Co. at 2200 v. and to Canad Cement Co. at 11,000 v.)
T W 2 3 ★1

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Munic. Elec. Lt. Plant; cost $30,000.
*Mayor, H. Dupins....................Hul
Clerk, John F. Boult.................. "
Treas. A. P. Thibault................. "
Supt. J. A. Laforest.................. "
¶ Engr. Pwr. Sta. A. Berthihume.... "
1 a. c. C. G. E. 72 kw. 11,000 v.
110 city arcs A. B; all nt.
L 2

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Hull Elec. Co. Hydro-elec. sta. at Deschenes; cap. $292,700.
Pres. W. R. Baker. ............Montrea
V. Pres. E. W. Beatty............ "
Sec. & Treas. W. L. Wright..... "
*Gen. Mgr. Geo. Gordon Gale .......Hul
Engr. Pwr. Sta. J. J. O'Donnell...... "
4 a. c. C. G. E. tot. 1900 kw. 10,000-2200 550-115 v. 3 ph. 60 cys; 3 d. c. C. G. E. tot 950 kw. 600 v; d. c. st. ry. cir. 600 v; a. c day & nt. ltg. cir. 115 v; pwr. cir. 10,000 550 v; 4015 hp. turb. (wtr.) Am. Trump also purchases energy from Ottawa & Hull Pwr. & Mfg. Co , Ltd.

*HULL SUB-STA.*
a. c. mo. gen. set. 500 kw. 2200 v. d. c 600 v.

*AYLMER SUB-STA.*
a. c. mo. gen. set. 250 kw. 2200 v. d. c 600 v.
City & interurban ry. connecting Ottawa, Hull and Aylmer.

(Co. also lts. Deschenes Mills and Aylmer.)
C D R W 3 ★16

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Ottawa Lt., Ht. & Pwr. Co. See Ottawa.

**HUNTINGDON,** 1,122—Elec. Lt. Plant.
¶ Owner & Mgr.
Geo. A. Munro..............Huntingdon
1 a. c. C. G. E. 75 kw. 2080-110 v 3 ph. 0 cys; a. c. nt. ltg. cir. 110 v; 150 hp. e. Watrous; 200 hp. b. Watrous.
All nt; coal $4.95.
L S 3 25

**IBERVILLE,** 1,512 — The St. Johns Elec. Lt. Co., Ltd. See St. Johns.

**JOLIETTE,** 8,103 — Munic. Elec. Lt. Plant; cost $78,000.
*Mayor, J. A. Guibault..........Joliette
Sec. & Treas. A. L. Marsolais.... "
¶ Mgr. Jos. Leduc.............. "
Ch. Elecn. Arthur Normond..... "
1 a. c. Stan, Royal 100 kw. 2000-1000 v. 3 ph. 60 cys; 1 d. c. arc T-H 55 lt; a. c. day & nt. ltg. cir. 110 v; 315 hp. turb. McCormick; also buys energy from Shawinigan Wtr. & Pwr. Co. 175 hp. 3 ph. 30 cys.
All nt.
D L W 2 3 16

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Laval Elec. Co. See St. Thérèse.

**KNOWLTON,** 850—Brome Lake Elec. Pwr. Co. See Waterloo.
Local Mgr. B. M. Ross..........Knowlton
a. c. nt. ltg. cir. 104 v. 60 cys.
City cont. 32 tung. 60 w. $12 per yr., all nt.
L 26

**LACHINE,** 10,778 — Munic. Elec. Ltg. System. Power plant, south side of Lachine Canal; cap. outstg. $90,000; bds. $160,000—4 p.c.
Chmn. A. W. Thessereault..52 17th Ave.
*Sec. & Cont. Agt. Hector Daoust
477 St. Joseph St.
Treas. A. E. Sarra-Bournet..36 10th Ave.
Audr. John Stack.......265 St. Joseph St.
¶Pur. Agt. Octave St. Germain
85 15th Ave.
Gen. Supt. J. Gadona.........55 13th Ave.
Ch. Engr. V. H. Dupont, 362b St Joseph St.
Engr. Pwr. Sta. D. Leclaire..Power House
So. Side Lachine Canal
Purchases energy from The Montreal Lt., Ht. & Pwr Co., trans. volt. 4000 v. 3 ph. 60 cys; 50 transf. Ferranti; a. c. day & nt. ltg. cir. 110-220 v. 60 cys; a c. day & nt. mo. cir. 550 v. 3 ph. 60 cys.
250 city arcs; all nt. (Also lts. Dorval and Pointe Claire.)
D L 3 16

**LACHUTE,** 2,800—Ayers Limited. (Owns Lachute Elec. Lt. Co.)
Pres. T. H. Ayers..................Lachute
V. Pres. J. T. Ayers............. "
Sec. & Treas. C. Tremblay...... "
*Mgr. Elec. Dept. P. Chabot..... "
Engrs. } J. A. R. Belanger... "
Pwr. Sta. } S. Desjardins......... "
1 a. c. Royal — kw. 2000 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 110 v. 133 cys; —hp. turb.—.
City cont. 30 arcs Thompson $36 per yr; — Tung. $3.60 per yr; moonlt. (Also lts. Brownsburg, Staynerville and St. Phillippe.)
L W 2 ✣ 26

**LAKE MEGANTIC,** 2,500—Lake Megantic Elec. Lt. Co.; cap. $10,000.
Pres. Arsine Chabot........Lake Megantic
*Sec. J. E. Marceau......... "
Mgr. Joseph Dion.......... "
1 a. c. C. G. E. 90 kw. 2080 v. s. ph. 133 cys; a. c. nt. ltg. cir. 110 v; 150 hp. gas pro. H. & S.
City cont. 1800 carbon & Tung. 60 w. 12 cts. per 16 c. p; all nt, coal.
G L 1 22

**L'ANGE GARDIEN,** 1,500 — Quebec Ry., Lt., Ht. & Pwr. Co. See Quebec.
a. c. day & nt. ltg. cir. 104 v. 64 cys.
D L 16

**L'ASSOMPTION,** 1,900 — Laval Elec. Co. See St. Thérèse.

**L'EPIPHANIE,** 1,650—Laval Elec. Co. See St. Thérèse.

**LENNOXVILLE,** 1,286—See Sherbrooke.

**LEVIS,** 8,000—Canadian Elec. Lt. Co. (Controlled by Quebec Ry, Lt, Ht. & Pwr. Co.) Cap. $331,500; bds. $310,000.
Pres. Rodolphe Forget
Quebec Ry. Bldg., Quebec
V. Pres. & Gen. Mgr.
H. G. Matthews......... " "
Sec. Arthur Lemoine..... " "
Treas. W. J. Lynch........ " "
¶ Pur. Agt. H. G. Bosse... " "
Gen. Supt. John B. Dorais ..........Levis
Ch. Engr. L. Burran,
Quebec Ry. Bldg., Quebec
Hyd. Engr. Pwr. Sta.
Wm. Langford......Montmorency Falls
3 a. c. Bull, C. G. E. tot. 2500 kw. 11,000 v. 3 ph. 66 cys; a. c. ltg. cir. 106 v; a. c. day & nt. mo. cir. 550-2200 v. 3 ph. 66 cys; 4800 hp. turb. Smith.
City cont. 500 tung. 60 w. $8 per yr. (Co also lts. St. Romuald, St. Joseph, Charny and Bienville, and sells energy to Levis County Ry.)
D L W 1 3 ✣ ★16

**LONGUEUIL,** 4,000—Montreal Lt., Ht. & Pwr. Co. See Montreal.

**MAGOG,** 3,516—Munic. Elec. Lt. Plant; cost $150,000.
Pres. Bd. J. L. Thetrault............Magog
Sec. Alf. Tourgniy.................. "
*Supt. & Engr. Jos. Verville....... "
Asst. Engr. Pwr. Sta.
Orila Trepomier................ "
2 a. c. S. G. E. tot. 1250 kva. 2400-104 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 2200 v; 1600 hp. turb. (wtr.) Escher Wyss & Co.
250 city incs. 50 c. p. $7.20 per yr.
D L W 2 ★16

**MASCOUCHE,** 2,000 — Laval Elec. Co. See St. Thérèse.

**MONTEBELEO,** 1,650 — Papineauville Elec. Co. (Ltd.) See Portage de La Nation.
a. c. day & nt. ltg. cir. 110-104 v. 60 cys; a. c. mo. cir. s. & 3 ph. 60 cys.
D L 1 3 16

**MONTMAGNY,** 4,000—Basin Elec. Lt. & Pwr. Co., Ltd.; cap $20,000; no bds.
Pres. H. E. Price....................Quebec
*¶Sec. & Treas. Geo. Collie, Montmagny
1 a. c. C. G. E. 120 kw. 2200 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v. 60 cys; a. c. day mo. cir. 110 v. 3 ph. 60 cys; 250 hp. e. Robb; 250 hp. b. Robb; 1 wtr. wh. Jenckes.
City cont. 80 incs. 60 w. $10 per yr; all nt.
L S W 1 3 ✣ 16

**MONTMORENCY,** 3,000—Quebec Ry., Lt., Ht. & Pwr. Co. See Quebec.
a. c. day & nt. ltg. cir. 104 v. 64 cys.
D L 16

**MONTREAL,** 650,000 — Montreal Lt., Ht. & Pwr. Co. (Operating The Montreal Gas Co., Royal Elec. Co., The

Montreal & St. Lawrence L. & P. Co., Imperial Elec. Lt. Co., Lachine Rapids Hyd. & Land Co., Ltd., Standard Lt. & Pwr. Co., Ltd., Citizens Lt. & Pwr. Co., Ltd., Temple Elec. Co. and Provincial Lt., Ht. & Pwr. Co.); cap. $18,700,000, 10 p.c. div; bds. $10,113,000.

Pres. Sir H. S. Holt ............Montreal
V. Pres. Sir R. Forget ............ "
*Sec., Treas. & Gen. Mgr.
J. S. Norris...................... "
¶ Asst. Sec. & Treas. C. S. Bagg. "
Supt. Dist. J. R. Cox............ "
Supt. Pwr. Sales P. T. Davies... "
Gen. Supt. & Ch. Elec'l Engr.
R. M. Wilson.................... "

2 d. c. pwr. G. E. tot. 500 kw. 250 v; a. c. day & nt. ltg. & mo. cir. 2200-110 v. 2 & 3 ph. 63 cys; d. c. pwr. cir. 700 kw. 550 v; 10,000 hp. e. West. Polson, Leo, Brown; 2000 hp. turb. (stm.) West. Par; 5000 hp. b. Bab. & W. Manning, Heine (also stm. htg.).

SOULANGES PWR. STA.—3 a. c. Westg. tot. 11,250 kw. 4000 v. 3 ph. 60 cys; 3 turb. Allis C. tot. 16,050 hp; 2500 kw. transf; trans. line 27½ mi. 44,004-4000 v.

LACHINE PWR. STA.—12 a. c. C. G. E. tot. 9760 kw. 12,000 & 4500 v. 3 ph. 60 cys; 14,400 hp. turb. S. B; trans. line 6½ mi. 12,000 v; 6000 hp. wtr. wh.

CHAMBLY PWR. STA.—8 a. c. tot. 14,400 kw. 2200 v. 2 ph. 66 cys; 99,200 hp. turb; 10 transf. West. tot. 27,500 kw; trans. line 18 mi. 25,000 v. 3 ph.

City cont. 3003 arcs 480 w. $65 per yr; 800 Tung. 40 & 80 w. $15 & $30 per yr; all nt. (Com. ltg. 6.4 cts. per kw. net for 5 year contracts any class); coal.

(Co. also lts. Richelieu Village, St. Henri Village, Chambly, St. Lambert, Longueuil, Montreal West, St. Louis, Maisonneuve, Tetreaultville, Blue Bonnets and Verdun, and sells energy in bulk to city of Lachine and St. Johns Elec. Lt. Co., Ltd.)

C D H N S W 2 3 ✠ ★16

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Montreal Tramways & Pwr. Co. Office, 78 W. Craig St., Montreal. (Controls Montreal Tramways Co., Canadian Lt. & Pwr. and various other light and power companies.)

Pres. E. A. Robert..................Montreal
V. Pres. J. W. McConnell....... "
*Sec.-Treas. Patrick Dubee...... "

114d

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Montreal Public Service Corpn., Eastern Township Bank Bldg. (Acquired the properties of the Dominion Lt., Ht. & Pwr. Co., The St. Paul Elec. Lt. & Pwr. Co., the city distribution system of the Canadian Lt. & Pwr. Co. and the Central Ht., Lt., & Pwr. Co.); cap. auth. $5,000,000.

Pres. E. A. Robert...............Montreal
V. Pres. Hon. J. M. Wilson..... "
Sec. & Treas. H. R. Mallison.... "
*Op. Mgr. & Ch. Engr. K. B. Thornton "

Energy secured from the Canadian Lt. & Pwr. Co; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-550 v. s. & 3 ph. 60 cys; d. c. mo. cir. 225 v.

(Co. also lts. Bordeaux, Cartierville, Ahuntsic, Notre Dame de Grace, Pont Viau, Sault aux Recollet, St. Laurent, Cote des Neiges and Pointe aux Trembles.)

C D L 16

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Canadian Lt. & Pwr. Co., Eastern Twp. Bank Bldg., St. James St.; pwr. plant in St. Timothee. (Controlled by Montreal Tramways & Pwr. Co.); cap. $6,000,000; bds. $6,500,000.

Pres. F. Howard Wilson.........Montreal
V. Pres. & Mng. Dir. E A. Robert "
¶ Sec. & Treas. H. R. Mallison.. "
Supt. C. F. Poste................ "
*Oper. Mgr. & Ch. Engr.
K. B. Thornton.................. "

4 a. c. Allis-C. Bull, C. G. E., tot. 20,000 kw. 2200 v. 3 ph. 60 cys; trans. volt. 44,000 v.

Energy sold in bulk to Montreal Public Service Corpn. and Beauharnois Elec. Co. Ltp.

T W 3 ★16

**MONTREAL WEST**, 1,500—Montreal Lt., Ht. & Pwr. Co. See Montreal.

**MURRAY BAY**, 1,100—Labrador Elec. & Pulp Co., Ltd. (Operated by The East Canada Pwr. & Pulp Co., Ltd.); cap. outstg. £50,000.

Pres. J. I. Donohue..........Murray Bay
Mng. Dir. Chas. Donohue... "
*¶ Mgr. & Local Agt.
J. O. Dugnay................ "
Supt. Hector Grignon......... "

2 a. c. West C. G. E. tot. 528 kw. 4400-220-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v. 60 cys; a. c. mo. cir. 4500-112 v; 240 hp. e. R. E. Co; 600 hp. turb. Smith.

City cont. all nt. (Co. also lts. St. Irénée, Nairns Falls, Cap-a-L'aigle and Pointe-au-Pic.)

D L S W 3 16

**NICOLET**, 2,000—The St. Maurice Lt. & Pwr. Co. See Shawinigan Falls.

**NORTH HATLEY**, 261—Sherbrooke Ry. & Pwr. Co. For officers see Sherbrooke.

Energy from Sherbrooke Ry. & Pwr. Co.; 2 transf. Pittsburgh tot. 100 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-550 v. 3 ph. 60 cys.

City cont. 80 tung. 60 w. $10 per yr; all nt. (Co. also lts. Waterville, Compton, Eustice and Capelton.)

D L 3 16

**PAPINEAUVILLE**, 1,200—Papineauville Elec. Co. (Ltd.) See Portage De La Nation.

a. c. day & nt. ltg. cir. 110-104 v. 60 cys; a. c. mo. cir. s. & 3 ph. 60 cys.

D L 1 3 16

**PLESSISVILLE**, 1,500—La Cie Electrique Plessis. (Has taken over the property of La Fonderiede Plessisville); cap. $15,300

Pres. J. A. Savvie...............Plessisville
Sec. L. J. Houde.................. "
*Mgr. J. A. Dugré................ "

Energy from the Continental Ht. & Lt. Co., Shawinigan Falls; trans. volt. 50,000-2200 v. 3 ph. 30 cys; 3 transf. G. E. tot. 200 kw; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 2200-550 v. 3 ph. 30 cys.

City cont. 113 Mazdas 40 w. $9.50 per yr., all nt. (Also lts. Princeville and Stanfold.)

D L 3 ✠ ★16

**POINT ROUGE**—*Chas. A. Julien.

1 a. c. C. G. E. 60 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. day mo. cir; 50 hp. turb. Lef.

City cont. 32 incs. 40 w. $8 per yr; all nt.

L W 1 16

**PORTAGE DE LA NATION**, 50—Papineauville Elec. Co., Ltd. Office, Papineauville.

Pres. L. A. Latour, 175 Frank St.
Ottawa, Ont.
*V. Pres. E. Cote ..........Papineauville
Sec. & Treas. E. A. Cote.... "
Engr. Pwr. Sta. L. Lacoste
Portage de La Nation

——a. c. Allis C., Bull. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550-110 v. s. & 3 ph. 60 cys; —hp. turb. wtr. Wilson.

City cont. all nt. (Co. also lts. St. Andre Avellin, Papineauville and Montebeleo.)

D L W 1 3 ✠ ★16

**PRINCEVILLE,** 2,090—La Cie Electrique Plessis. See Plessisville.

**QUEBEC**, 78,180—Quebec Ry., Lt., Ht. & Pwr. Co. (Controls Quebec Ry. Lt. & Pwr. Co., the Quebec Gas Co., the Frontenac Gas Co., the Quebec Jacques Cartier Co., the Canadian Elec. Lt. Co. and the Quebec Dist. Ry.); cap. auth. $10,000,000; outstanding $9,999,500; bds. issued $4,995,400.

Pres. Sir Rodolphe Forget
Quebec Ry. Bldg., Quebec
V. Pres. Lorne C. Webster
Quebec Ry. Bldg., Quebec
Sec. Arthur Lemoine } Quebec Ry. Bldg.
Treas. W. J. Lynch... } Quebec
Gen. Mgr. H. G. Mathews "
¶Pur. Agt. H. G. Bosse... "
Supt. Lt. & Pwr.
A. P. Doddridge.......... "
Supt. St. Ry. R. M. Reade "
Ch. Engr. L. Burran...... "

5 a. c. Stanley, Bull. tot. 3800 kw. 5500 v. 2 ph. 64 cys; 5 d. c. West, C. W., C. G. E. tot. 3000 kw. 550 v; a. c. day & nt. ltg. cir. 104 v.; a. c. day & nt. mo. cir. 550-2200 v. 2 ph. 64 cys; 7000 hp. turb. (wtr.) Allis-C, S. & B.

(Co. also lts. Beauport, Montmorency, L'Ange Gardien Chateau Richer, St. Annes and Battlefields Park.)

C D R W 2 ★16

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Public Service Corpn. of Quebec.; cap. outstg. $1,600,000; bds. $310,000.

Pres. Julian C. Smith } Room 611, Power
V. Pres. Howard Murray } Bldg., Montreal
Sec. James Wilson.......... "
Treas. W. S. Hart.......... "
Mgr. J. E. Tanguay..............Quebec
Cont. Agt. John Bourgeois........ "
¶Pur. Agt. R. J. Beaumont....... "
Gen. Supt. R. B. McDunnough... "
Engr. Pwr. Sta. E. Richards ..... "

3 a. c. G. E. West. tot. 2500 kw. 2300 v. 3 ph. 60 cys; 12 rectifiers G. E. tot. 600 lts; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 550 v, 3 ph. 60 cys; 2500 kw. stm turb. G. E, West; 1000 hp. b. Bab. & W. Energy also from Shawinigan Wtr. & Pwr. Co; 3 transf. Can. West. tot. 3000 kw.

City cont. 563 magn. arcs 4 amp. $46.51 per yr; 663 5-lt. stds. $43.50 per yr; mdnt; all nt; coal $4.

D L S 3 ★16

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Laurentian Pwr. Co., Ltd. (Successor to The Stadacona Hydraulic Co.) Offices, 93 Peter St., Quebec and Beaupre. (Hydro-elec. sta at St. Ferreol); cap. $2,000,000; bds. auth. $2,000,000.

Pres. Hon. C. E. Dubord..........Quebec
V. Pres. Neuville Belleau........ "
*Sec. Mgr. & Engr.
James Ruddick..................Beaupre
Engr. Pwr. Sta. E. R. Shirley...St. Fereol

4 a. c. C. G. E. tot. 18,700 kva. 6600 v. 3 ph. 60 cys; 24,000 hp. turb. (wtr.) Allis-C.

(Energy sold in bulk; operates 50,000 v. trans. system of 24 miles.)

T W 3 ★16

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Quebec Jacque Cartier Elec. Co. (Controlled by Quebec. Ry. Lt., Ht. & Pwr. Co.) Wtr. pwr. plant at St. Gabriel; no stk; bds. $849,000.

Pres. J. N. Greenshields........Montreal
V. Pres. Robt. Mackay .......... "
Sec. Arthur Lemoine..............Quebec
Treas. W. J. Lynch.............. "
Gen. Mgr. H. G. Mathews......... "
¶Pur. Agt. H. G. Bosse........... "
Ch. Engr. L. Burran.............. "
Engr. Pwr. Sta.
Wm. Langford...........Montmorency

2 a. c. West. tot. 2500 kw. 2000 v. 3 ph. 64 cys; trans. volt. 24,000 v; 1800 hp. e, Robb-Armstrong; 2500 hp. turb. (wtr.) Smith; 2150 hp. b. Heine. Bab. & W. Energy sold in bulk.

T W 3 ★16

**RICHMOND,** 2,057—Richmond County Elec. Co.; pwr. plant near Kingsbury; cap. $34,600; no bds.

Pres. R. Rattray................Richmond
*Sec. Treas. & Cont. Agt.
M. A. Harkom................ "
Mgr. J. W. Harkom............Melbourne
Engr. Pwr. Sta. J. Dunfield.... "

3 a. c. Royal tot. 180 kw. 2200-100 v. 2 ph. 133 cys; a. c. nt. ltg. cir. 100 v; 450 hp. turb. Kennedy.

City cont. 109 tung. incs. 32 c. p. $16 per yr; all nt. (Co. also lts. Kingsbury, New Rockland and Melbourne.)

L W 2 ✠ 25

**ROBERVAL,** 4,000—*La Cie d'Electricite de Roberval; cap. $50,000.

Pres. L. E. Otis...................Roberval
V. Pres. David Neron... ...... "
Treas. & Mgr. Jules Constantine "
Ch. Elecn. Ernest Delilse ...... "

2 a.c. C. G. E. tot. 180 kw. 2080-104 v. s. ph. 125 cys; no day cir; 325 hp. turb. Wilson.

City cont. 80 incs. 32 p. c. $9 per yr; all nt.

L W 1 ✠ 25

**ROCK ISLAND,** 1,000 — Sherbrooke Ry. & Pwr. Co. See Stanstead.

**ST. AGATHE DES MONTS,**—Munic. Elec. Lt. Plant; cost $35,000.

*¶Sec. Treas. & Mgr.
Rodolphe Dazé....St. Agathe des Monts

2 a. c. C. G. E. tot. 200 kw. 2200 v, 3 ph. 60 cys; a. c. nt. ltg. cir. 55-110 v; 180 hp. e; 180 hp. wtr. wh. Smith.

City cont. 100 incs. 60 w; all nt.

L S W 3 ✠ 25

**ST. ANDRE AVELLIN,** 1,250—Papineauville Elec. Co., Ltd. See Portage de La Nation.

a. c. day & nt. ltg. cir. 104-110 v. 60 cys; a. c. mo. cir. s. & 3 ph. 60 cys.

D L 1 3 ........ 16

**ST. ANDREWS, E.** 800—North River Elec. Co., Ltd.

Pres. & Gen. Mgr.
H. W. Robertson ......St. Andrews, E.
Sec. R. W. Barclay................Montreal
*Mng. Dir. & Ch. Engr.
B. H. Robertson........... St. Andrews
¶Pur. Agt. F. A. Robertson.. "
Supt. Ovhd. Distrbn.
R. de H. Robertson........ "

2 a. c. A. C. B., C. G. E. tot. 275 kva. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 875 hp. turb. Kennedy, Ham.

City cont. (5 towns) 25 arcs $62.50 per yr; 300 incs. 32 c. p. $10 per yr. (Co. also lts. Carillon, Rigaud and Pt. Fortune, and St. Eugene, Ont.)

L W 3 ✠ ★16

**ST. ANNES,** 2,700—Quebec Ry., Lt., Ht. & Pwr. Co. See Quebec.

a. c. day & nt. ltg. cir. 104 v. 64 cys.

D L 16

**ST. CASIMIR,** 3,000 — North Shore Pwr. Co. See Three Rivers.

**ST. EUSTACHE,** 1,500—Laval Elec. Co. See St. Thérèse.

***ST. GABRIEL,** 1,119—Quebec Jacque Cartier Elec. Co. Pwr. transmitted to Quebec. See Quebec.

**ST. GENEVIEVE,** 2,000—North Shore Pwr. Co. See Three Rivers.

**ST. HYACYNTHE,** 11,072—La Cie de Gaz, Electricite et Pouvoir. (Controlled by Southern Canada Pwr. Co., Ltd.); cap.$115,000, 5 per cent. div; bds. $39,000, 5 p. c. int.
Pres. H. T. Chalifoux......St. Hyacynthe
V. Pres. S. T. Duclos...... "
Sec. H. St. Germain ....... "
¶ Pur. Agt. E. St. Onge... "
Supt. & Engr. Pwr. Sta.
Geo. Pominville.......... "
2 a. c. Allis-C, Bull. tot. 800 kw. 6600 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 104 & 550 v. s. & 3 ph. 60 cys; 300 hp. e. Goldie & McC; 800 hp. turb. Leffel; 300 hp. b. Goldie & McC.
City cont. 42 arcs 350 w. $75 per yr; 73 tung. 60 to 75 c. p. 120 w. $20 per yr; all nt; coal $5.90. (Co. also lts. St. Joseph and La Providence.)
D L S W 1 3 ✣ 16

**ST. IRNEE,** 1,000—Labrador Elec. & Pulp Co., Ltd. See Murray Bay.

**ST. JEROME,** 3,619—The Madden Pwr. & Lt. Co. (Successor to St. Jerome Pwr. & Lt. Co., Ltd.)
*Lessee P. H. Madden..........St. Jerome
1 a. c. Royal 75 kw. 2000-110 v. 2 ph. 125 cys; a.c. ltg. cir. 110 v; 150 hp. turb. (wtr.) Crocker.
L W 2 ✣ 75

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*J. A. W. Johnson (Electric Service); cost $200,000.
2 a. c. G. E. Allis. C. tot. 300 kw. 6600 v. 3 ph 60 cys; a. c. day & nt. ltg. cir. 55-110-220 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 540 hp. turb. (wtr.) Allis C.
6000 city tung. 25 w. 16 cts. per kw. hr.
D L W 3 25

**ST. JOHNS,** 6,410—The St. Johns Elec. Lt. Co., Ltd. P. O. Box 488, St. Johns. (Operated by Southern Canada Pwr. Co., Ltd.); cap. outstg. $50,000; bds. $59,000.
Pres. C. J. McCuaig..............Montreal
V. Pres. Grant Johnston........ "
*¶Sec., Treas. & Mgr.
F. A. Chisholm................St. Johns
Audrs. McIntosh & Hyde.....Montreal
Buys energy from Montreal Lt., Ht. & Pwr. Co.; trans. 12 miles 25,000 v. 3 ph. 60 cys; 5 transf. Westg. tot. 800 kw; 2 a. c. A. C. B, West. tot. 455 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110-220-550-2200 v. s. & 3 ph. 60 cys; 600 hp. e. Ball, Leonard, West; 450 hp. b. Doty, Erie; stm plant reserve.
City cont. 365 Mazdas. 80 & 100 w. tot. $3,000 per yr; extra lts. $15 & $18 per yr; all nt; coal $4 & $5. (Co. also lts. Iberville and St. Mathias.)
D L S 1 3 ✣ 25

**ST. LAMBERT,** 1,300—Montreal Lt., Ht. & Pwr. Co. See Montreal.

**ST. LAURENT,** 1,500—Montreal Public Service Corpn. See Montreal.

**ST. MAURICE,** 2,200—North Shore Pwr. Co. See Three Rivers.

***ST. NARCISSE,** 2,500—North Shore Pwr. Co. See Three Rivers.

**ST. OURS,** 1,300—La Cie Electrique de Sorel. See Sorel.

**ST. PHILIPPE,** 1,000—Ayers Limited. See Lachute.

**ST. RAYMOND,** 5,000—*Munic. Elec. Lt. Plant (In May, 1914, city purchased plant of Chas. A. Julien.)
1 a. c. Warren 120 kw. 1000-104 v. s. ph. 133 cys; no day cir; 180 hp. turb. Hercules.
City cont. 65 incs. 32 c. p. $8 per yr.
L W 1 ✣ 74

**ST. ROCH L'ACHIGAN,** 2,000—Elec. Lt. Plant.
Owners, Dion & Paradis,
St. Roch L'Achigan
*Ch. Elecn. Pierre Larose " "
1 a. c. C. G. E. 2200 v; no day cir; 100 hp. turb.
City cont.
L W X 26

**ST. ROMUALD,** 3,782—Canadian Elec. Lt. Co. See Levis.

**ST. ROSE,** 3,000—Laval Elec. Co. See St. Thérèse.

**ST. STANILAS,** 2,294 — North Shore Pwr. Co. See Three Rivers.

**ST. THÉRÈSE,** 1,541—Laval Elec. Co. (Controlled by Shawinigan Wtr. & Pwr. Co. of Montreal.); cap. outstg. $10,000; no bds.
Pres. Alex. Maclaurin...........Montreal
V. Pres. Julian C. Smith........ "
Sec. & Treas. W. S. Hart...... "
Asst. Sec.-Treas. James Wilson "
Mng. Dir. Howard Murray...... "
Cont. Agt. G. A. Poulin.......St. Therese
Supt. A. Wood...................Montreal
Purchases energy from Shawinigan Wtr. & Pwr. Co.; trans. volt. 20,000 v. 3 ph. 30 cys; 2 transf. C. West. tot. 300 kw; a.c. day & nt. ltg. cir. 110 v. 30 cys: a. c. day & nt. mo. cir. 2200-220-110 v. s. & 3 ph. 30 cys.
City cont. 70 incs. 16 c. p. (Co. also lts. L'Assomption, St. Paul, Charlemagne, Terrebonne, L'Erniet, L'Epiphanie, Mascouche, Joliette, De Sales, St. Francois, St. Eustache and St. Rose.)
D L 1 3 ✣ ★26

**SAULT AUX RECOLLET,** 1,500—Montreal Public Service Corpn. See Montreal.

**SAWYERVILLE,** 428—Elec. Lt. Plant; cap. $6,000.
*Owner & Mgr. A. G. Hurd...Sawyerville
1 a. c. C. G. E. 30 kw. 2080-110 v. s. ph. 125 cys; a. c. nt. ltg. cir. 110 v; 85 hp. turb. (wtr.) Smith.
City cont. 37 incs. 50 w. $5 per yr; all nt.
L W 1 ✣ 16

**SHAWINIGAN FALLS,** 3,500—Shawinigan Wtr. & Pwr. Co. Office, 611 Power Bldg., Montreal. (Controls Laval Elec. Co., North Shore Pwr. Co., Continental Ht. & Lt. Co., St. Maurice Lt. & Pwr. Co., Nicolet Elec. Co. and Shawinigan Falls Ter. Ry. Co.) 2 pwr. plants at Shawinigan Falls; 580 miles of trans. lines; cap. outstg. $12,375,000; bds. $5,000,000.
Pres. J. E. Aldred
24 Exchange Pl., New York, N. Y.
Chmn. Bd. Thos. McDougall.....Montreal
V. Prests. { Ch. Engr. Julian C. Smith Montreal
Howard Murray.... "
*Sec. J. Wilson................. "
Treas. W. S. Hart.............. "
Audrs. Sharp, Milne & Co...... "
14 a. c. C. West. tot. 100,000 kw. 6600-2200 v. 2 & 3 ph. 30 & 60 cys: trans. 25,000-50,000-100,000 v. 3 ph. 30 & 60 cys; 35 transf. C. West. G. E. tot. 120,000 kw; 3 rot. conv. Allis C. tot. 3000 hp; 9 frequency changers Allis C., Bull. tot. 15-000 kw: 147,000 hp. turb. I. P. Morris. (Trans. to Three Rivers, Asbestos, Black Lake, East Broughton, Sorel, Berthierville, Windsor Mills, Victoriaville, Joliette, Montreal and Plessisville; sells in bulk to St. Maurice Lt. & Pwr. Co.)
C T W 2 3 ✣ ★26

The St. Maurice Lt. & Pwr. Co.; cap. $200,000.
Pres. W. S. Hart..................Montreal
V. Pres. Howard Murray........ "
Sec. Geo. C. Riam................ "
Treas. James Wilson............. "
Gen. Mgr. Julian C. Smith....... "
¶Supt. Jos. G. Telmosse, Shawinigan Falls

Energy purchased from the Shawinigan Wtr. & Pwr. Co.; trans. 50,000-2200 v. 2 & 3 ph. 30 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. day & nt. mo. cir.

City cont. 265 Tung. 100 w. $12 per yr. (Co. also lts. Grand Mere, Almaville, Berthierville and Nicolet.)

D L 2 3 ✣ ★26

**SHERBROOKE**, 18,064—Munic. Elec. Lt. Plant; cost $250,000.
Sec. & Treas. B. A. Dugal....Sherbrooke
*¶ Mgr. Cont. Agt. & Engr.
Pwr. Sta. John R. McGregor "

5 a. c. C. G. E, West. tot. 3700 kw. 6600-2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 108 v; a. c. mo. cir. 220-440 v; 5200 hp. turb. (wtr.) Jenckes.

City cont. 1436 series Mazdas 6.6 amp. 75 w. $8 per yr; all nt.

D L W 3 ✣ 25

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Sherbrooke Ry. & Pwr. Co. Office, Clement Theatre Bldg. (Purchased property of Waterville Lt. & Pwr. Co.); cap. $1,000,000; bds. $1,100,00.
Pres. C. J. McCuaig..............Montreal
V. Pres. S. H. Ewing.............. "
Sec. & Treas. Grant Johnston.. "
*¶ Gen. Mgr. N. C. Pilcher...Sherbrooke
Supt. & Engr. Pwr. Sta.
J. H. Trimingham............ "

3 a. c. C, G. E. tot. 2400 kw. 2200 v. 3 ph. 60 cys; 2 d. c. C, G. E. tot 500 kw. 600 v; 3 transf. C, G. E. tot. 2000 kw; 2 mo. gen. C, G. E. tot. 500 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a.c. mo. cir. 2200-550 v. 3 ph. 60 cys; 4200 hp. turb. (wtr.) Jenckes. (Co. also lts. Lennoxville, Capleton, Ayers Cliff, Huntingville, North Hatley, Wags Mills, Hatley, Stanstead, Beebe, and Rock Island and Derby Line and Derby Center, Vt.)

C D R W 3 ✣ 16

**SOREL**, 8,700—Sorel Lt. & Pwr. Co., Ltd. (Successor to La Cie Electrique de Sorel); cap. $212,000; bds. $60,000.
Pres. A. E. Pontbriand..............Sorel
Sec. & Treas. A. Petitclerc.......... "
*Supt. A. G. Coursol................. "

Energy purchased from Shawinigan Wtr. & Pwr. Co.; 15 transf. West. G. E. tot. 3000 kva.; a. c. day & nt. ltg. cir. 110 v. 30 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 30 cys.

City cont. 80 nitro-lamps 750 w; 100 Mazdas 60 c. p 6.6 amp. $20 per yr; all nt. (Co. also lts. St. Joseph, St. Roch, St. Ours, Vercheres Varennes, Boucherville and Contrecoeur.)

D L 3 ★16

**STANBRIDGE EAST**, 425—*M. S. Connell & Sons.

1 d. c. C. G. E. 17½ kw. 110 v; no day cir; Jenckes wtr. wh.

City cont. 22 Mazdas 40 w. $5 per yr; moonlt.

C L W 16

**STANSTEAD**, 618—Sherbrooke Ry. & Pwr. Co. For officers, see Sherbrooke.

3 transf. Allis-C. tot. 450 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 2200-550 v. 3 ph. 60 cys; trans. volt. 22,000 v. 3 ph. 60 cys.

City cont. 30 arcs 600 w. $50 per yr; 150 tung. 75 w. $12 per yr; all nt. (This station also lts. Rock Island and Beebe and Derby Line and Derby Center, Vt.)

D R 3 ✣ 16

**SUTTON**, 1,000—The Sweat-Comings Co. See Richford, Vt.

**TERREBONNE**, 3,000—Laval Elec. Co. See St. Thérèse.

**THETFORD MINES**, 8,000—St. Francis Wtr. Pwr. Co. Pwr. plant in D'Israeli; sub. stas. in Black Lake, Thetford Mines & Robertson; cap. $500,000; bds. $100,000.
Pres. I. L. Lafleur..................Montreal
V. Pres. Hon. J. E. Roberge....Lambton
*Sec. & Treas. R. Poisson, Thetford Mines
¶ Mng. Dir. O. E. Dorias.......Sherbrooke
Consultg. Engr. M. A. Samnett..Montreal

2 a. c. Bull. C. G. E. tot. 2500 kw. 2400 v. 3 ph. 60 cys; a. c. day cir; a. c. pwr. cir. 2200 v; 1750 hp. e. Jenckes; 1200 hp. b. C. Fdry. Co; 4050 hp. wtr. wh. Jenckes.

Coal. (Co. also lts. D'Israeli, Robertsonville, St. Mary's Valley Junction, Beauceville, St. George and Black Lake.

D L S W 3 16

**THREE RIVERS**, 14,500—North Shore Power Co. Pwr. Sta. at St. Narcisse, Shawinigan Falls. (Controlled by Shawinigan Wtr. & Pwr. Co.); cap. outstg. $300,000; bds. $500,000.
Pres. F. F. Farmer...........Three Rivers
V. Pres. Julian C. Smith.........Montreal
Sec. & Treas. W. S. Hart......... "
Asst. Sec.-Treas. James Wilson "
Mng. Dir. Howard Murray...... "
Mgr. W. B. Paptist...................Qubec

3 a. c. Allis-C. tot. 1200 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 440-220-110 v. s. & 3 ph. 60 cys; 1800 hp. turb. (wtr.) Jenckes, McC; trans. volt. 10,000 v. 3 ph. 60 cys; additional energy purchased from Shawinigan Wtr. & Pwr. Co., 600 kw.

City cont. 126 arcs a. c. series 6.6 amp. $50 per yr; 20 incs. 50 c. p. $20 per yr; all nt. (Co. also lts. Cape Magdelaine, St. Genevieve, St. Maurice, St. Stanislas, St. Angele, Champlain, St. Casimir and St. Narcisse; sells energy to Three River Trac. Co.).

D L W 1 3 ✣ ★26

**VALLEYFIELD**, 10,000 — Valleyfield Elec. Co., Ltd. (Controlled by Montreal Cotton Co.); cap. auth. & pd. in $35,000.
Pres. S. H. Ewing..............Valleyfield
V. Pres. C. B. Gordon .......... "
*¶ Sec. Treas. & Mgr. J. Lowe .. "

2 a. c. tot. 300 kw. 2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 110 v; a.c. day & nt. mo. cir. 220-110 v; 200 hp. turb. McCormick.

D L W 3 75

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*Munic. Electric Ltg. System; cost $16,000.
Ch. Elecn. —— —— ..........Valleyfield

Energy purchased from the Montreal Cotton Co. 2200-550 v. — ph. 60 cys.

L X 16

**VARENNES**, 2,100—Sorel Lt. & Pwr. Co., Ltd. See Sorel.

**VERCHERES**, 1,800—Sorel Lt. & Pwr. Co., Ltd. See Sorel.

**VERDUN**, 1,898—Montreal Lt., Ht. & Pwr. Co. See Montreal.

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Munic. Elec. Lt. Plant.
*Sec. G. A. Ward....................Verdun
Supt. Henry Hadley, Jr........... "

2 a. c. West. tot. 235 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220-550 v; 600 hp. e. Belliss & Morcom; 1000 hp. b. Heine, McD, Robb.

100 city arcs magn. 4 amp; all nt; coal $3 to $5.

D L S 3 28

**VICTORIAVILLE,** 3,300—Arthabaska Wtr. & Pwr. Co.; cap. $75,000.
Pres. David Kinghorn..........Montreal
V. Pres. R. S. Kinghorn........ "
*Sec., Treas. & Mgr.
Geo. K. McDougall........... "
¶ Pur. Agts.
Shawinigan Wtr. & Pwr. Co, Montreal
Supt. & Elecn.
Geo. W. Salter............Victoriaville

Energy from Continental Ht. & Lt. Co., Shawinigan Falls, 3 transf. C. G. E. tot. 300 kw; a. c. day & nt. ltg. cir. 110 v. 30 cys; a. c. day and nt. mo. cir. 110-220-2200 v. s. & 3 ph. 30 cys.

City cont. 200 incs. 60 w. $8 per yr; all nt. (Co. also lts. Arthabaska.)

D L 1 3 ✣ 16

**WATERLOO,** 1,797—Brome Lake Elec. Pwr. Co.; hydro-elec. gen. sta. at Knowlton.
Pres. Jas. Davidson..............Waterloo
V. Pres. H. E. Allen ........... "
Sec. & Treas. G. Stevens......... "
* ¶ Mgr. A. Perras .............. "

1 a. c. C. G. E. 2000 kw. 2080 v. s. ph. 60 cys; a. c. nt. ltg. cir. 104 v; Jenckes wtr. wh.

City cont. 93 tung. 60 w. $12 per yr., moonlt. (Co. also lts. Knowlton and Foster.)

L W 1 ★26

**WATERVILLE,** 750—Sherbrooke Ry. & Pwr. Co. See Sherbrooke.

2 a. c. Westg. tot. 600 kw. 2200-104 v. 3 ph. 60 cys; a. c. mo. cir. 2200 v; 1000 hp. wtr. wh. Jenckes.

City cont. 100 series Tung. 50 c. p. $5 per yr; all nt. (Also s. ph. line to Compton, 10 miles, for ltg. only.)

L W 1 3 ✣ 75

**WEEDON,** 2,360—Two Miles Falls Wtr. Pwr. Co. Main office, 33 King St., Sherbrooke (Gen. sta. under construction); cap. outstg. $300,000; bds. $52,000.
Pres. I. L. Lafleur...... .....Montreal
Mng. Dir. O. E. Dorais.......... "
*Ch. Engr. M. A. Sammett, I. C.. "

1 a. c. C. G. E. 750 kva. 2400 v. 3 ph. 60 cys; day & nt. service; 1350 hp. turb. Ham.

(Also lts. Fontainbleu.)

D L W 3 16

**WESTMOUNT** — Munic. Lt. & Pwr. Plant; bds. $425,000.
Mgr. Geo. W. Thompson
4188 St. Catherine St., Westmount
Engr. Pwr. Sta. J. Donnelly.. "

5 G. E. rect. tot. 250 lt; 4 a. c. C-W. tot. 925 kw. 2300 v. 3 ph. 60 cys; 7 G. E. rect. tot. 350 lts; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 550 v; 1500 hp. e. Robb. Belliss & Morcom; 1000 hp. b. Bab. & W.

City cont. 295 arcs 4 amp. $55 per yr; 90 tung. 60 w. $12 per yr; all nt; coal $3.74.

D L S 3 ✣ ★16†

**WINDSOR MILLS**—*Munic. Ltg. System.

Energy secured from Shawanigan Wtr. & Pwr. Co., Shawanigan Falls.

L 26†

## SASKATCHEWAN.

**BATTLEFORD,** 1,500—Munic. Elec. Lt. Plant; cost $60,000.
*Mayor, W. W. Smith..........Battleford
Sec. & Treas. J. P. Marshall... "
Elecl. Supt. P. Whitfield....... "
Engr. Pwr. Sta. L. D. Martin... "

3 a. c. West. tot. 400 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 500 hp. e. Goldie & McC; 250 hp. b. Atlas, Goldie & McC.

21 city arcs Westg. 6.6 amp. $91.80 per yr; 18 incs. 80 w. $7.50 per yr; coal $5.10. (Co. also lts. South Battleford.)

D L S 3 123w

**ESTEVAN,** 3,800 — Munic. Elec. Lt. Plant.
*Supt. S. G. Dethridge............Estevan

2 a. c. West. tot. 200 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 350 hp. e. Robb-M., G. & McC; 700 hp. b. Bab. & W, Robb. M.

City cont. 50 arcs 6.6 amp; 60 inc. clusters, 5 lamp each; lignite 90 cts.

D L S 3 ✣ 75

**HUMBOLDT,** 2,000—Munic. Elec. Lt. & Pwr. Plant; bds. $75,000.
*¶ Mgr. Cont. Agt. & Engr. Pwr.
Sta. F. K. Martin.............Humboldt

1 a. c. C. G. E. 125 kva. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. mo. cir. 220 v. 3 ph. 60 cys; 200 hp. e. Leonard; 200 hp. b. Leonard.

City cont. 70 incs. 80 w. metered; coal $5.

L S 3 75

**INDIAN HEAD,** 2,000—Munic. Elec. Lt. Plant.
*Sec. & Treas. O. J. Godfrey. Indian Head
Mgr. John Bell............. "
Engr. Pwr. Sta. L. Marks..... "

1 a. c. C. G. E. 150 kw. 2200-104 v. 3 ph. 60 cys; 1 rect. C. G. E. 50 lt; a. c. nt. ltg. cir. 104 v. 60 cys; 225 hp. e. G. & McC; 250 hp. b. Can. Fdry.

36 city arcs series 6.6 amp. $90 per yr; 10 Mazda series free; mdnt; coal $7.25.

L S 3 44

**MELLVILLE,** 3,017—Mellville Elec. Lt. & Pwr. Plant; bds. $50,000.
*Mayor. L. Franks..............Mellville
Treas. F. H. Clarkson............ "

2 a. c. G. E. Sweden tot. 300 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220 v; 350 hp.e. gas Tangye & Daniels; 350 hp. gas pro. Tangye & Daniels.

150 city Tung. series 80 c.p; all nt; coal $7.50.

D G L 3 ★85†

**MOOSE JAW,** 17,500—Munic. Electric Light Plant; cost $720,000.
*¶ Mgr. J. D. Peters............Moose Jaw
Supt. of Ovhd. & Ungrd. Distr.
R. M. Henderson............ "
Ch. Engr. Pwr. Sta.
C. K. Buchbach ............. "

3 a. c. Wms, Siemens, C. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 5 arc mchs. G. E. tot. 250 lts; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 220-440-550-2200 v. 3 ph. 60 cys; 3000 kw. turb. (stm.) G. E, Robinson; 2500 hp. b. Bab. & W.

262 city arcs series G. E. magn. 6.6 amp. $84 per yr; 250 city Tung. 60 & 100 w. metered 2 cts. per kw. hr; all nt; coal $3.95.

D L S 3 25

**OUTLOOK,** 800 — Munic. Elec. Lt. Plant; debenture stk. $15,000.
Town Treas. Albert Moore........Outlook
Supt. Geo. Scott................. "

1 a.c. C. West. 2200 v. 3 ph. 60 cys; 1 arc West. 25 lts; a. c. nt. ltg. cir. 110 v; a. c. mo. cir. 220 v; 74 hp. gas e.

G L 3 ★16

**PRINCE ALBERT,** 5,550 — Munic. Elec. Lt. & Pwr. Plant; loans authorized $482,390, amt. borrowed $207,390, amt. repaid $19,295.53.
*Mgr. & Supt. R. Wright...Prince Albert
Ch. Engr. C. A. Klein....... "

3 a. c. Allis-C, Bull. West. tot. 950 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 2200-550-220 v. 3 ph. 60 cys; 1800 hp. e. G. &

IcC.; 1400 hp. b. Bab. & W, G. & McC. 36 city arcs Westg. series 6.6 amp; 160 'ung. series 100 c. p. 4 cts. per kw. hr. at wbd; moonlt, 2 A. M.; wood $5.
D L S 3 ✠ ★26†

**U' APPELLE,** 778—Qu' Appelle Elec. Lt. Co.; cap. stk. $15,000.
Owner & Mgr.
H. H. Kajewski..............Qu' Appelle
2 d. c. Allis-C, Bull. tot. 140 kw. 220 v; . c. nt. ltg. cir. 220 v; 100 hp. e. (gas) an. Pro. & Gas Eng. Co; 125 hp. gas pro. an. Pro. & Gas Eng. Co.
City cont. 30 Tung. & carbon 100 w. 50 . p. $675 per yr; moonlt. 11 P. M; coal 8.50.
C G L S ✠ 74

**EGINA,** 42,000—Munic. Elec. Lt. & Pwr. Plant; deben. $450,000.
¶Mgr. E. W. Bull................Regina
ngr. Pwr. Sta. A. Cole........... "
5 a. c. West. Siemens tot. 6,750 kw. 2200 . 3 ph. 60 cys; 2 d.c. Siemens tot. 800 kw. 50-600 v; 8 rect. West. tot. 500 kw; 1 arc ruce Peebles; a. c. day & nt. ltg. cir. 10-220 v; a. c. day & nt. mo. cir. 220 v. & 3 ph. 60 cys; 1660 hp. e. Inglis, Bellis Iorcom; 5000 hp. b. Bab. & W; 6450 kw. tm. turb. West, Wms. & R.
580 city arcs 6.6. amp. (100 enc. and 480 iet. flame); 62 tung. 120 w. 32.25 cts. er kwh; all nt; coal $5.
D L S 1 3 16

**OULEAU,** 700—Munic. Elec. Lt. & Wtr. Wks.
Sec. & Treas. W. T. Hamilton...Rouleau
Mgr., Cont. Agt. & Engr.
Pwr. Sta. K. C. Crook........ "
——a. c. C. G. E.—kw. 2300 v. 3 ph. 60 ys; a.c. day (halfday Monday & Tuesday) nt. ltg. cir. 110 v. 60 cys; 190 hp. e. (gas) 'remier; 175 hp. gas prod. Smith.
45 city tung. series 6.5 amp. $13.30 per r; all nt; coal $2.50.
D G L 3 16

**ASKATOON,** 25,000—Munic. Elec. Lt. & Pwr. Plant; cost $1,234,000.
Iayor, A. McG. Young........Saskatoon
'omr. C. Yorath............... "
upt. Pwr. Sta. J. R. Cowley... "
Elec. Engr. E. Hanson....... "
2 a. c. turbo-gen. Allis-C, West. tot. 200 kw. 2200 v. 2 ph. 60 cys; 1 a. c. G. E. 50 kw. 2200 v. 2 ph. 60 cys; 5 rect. C. G. ., West. tot. 250 lts; a. c. day & nt. ltg. ir. 110 v. 60 cys; a. c. day & nt. mo. ir. 2200-220 v. 2 ph. 60 cys; Robb stm. ngine; 4000 hp. b. Bab. & W.
274 city arcs enc. & magn. $70 per yr; ll nt; 2000 (approx.) tung. 40 & 25 w. nd 3 nitrogen 350 w. 8, 7 & 6 cts. per w. hr.; coal $4.50.
D L S 2 ★16

**COTT,** 600—Munic. Light Plant.
Iayor, W. Shanahan..................Scott
ec. & Treas. Jas. N. Forrest........ "
Supt. & Engr. Pwr. Sta.
Wm. Ross......................... "
1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; c. nt. ltg. cir. 110 v. 60 cys; a. c. nt. & art of day mo. cir. 220 v. 3 ph. 60 cys; 100 p. e. (oil) Diesel.
40 city incs. 80 c. p. 5.5 amp; oil 14 ts.
G L 3 ✠ 75

**VADENA,** 565—Munic. Elec. Lt. Plant; bds. $13,500; cost $14,000.
ec. J. F. S. Saich...............Wadena
Gen. Supt. M. H. Lockhart...... "
1 a. c. C. West. 30 kw. 2300 v. 3 ph. 60 cys; c. nt. ltg. cir. 115 v; 65 hp. e. (gas) uston Proctor; 65 hp. gas pro. Ruston roctor.
41 city incs. series 5.5 amp. tot. $75 er mo; 1 A.M.; coal $9.25.
G L 3 16

**WATROUS,** 1,800—Watrous Elec. Lt., Pwr. & Trac. Co.; cap. $25,000; bds. $3,200.
Pres. G. Wilkes...................Watrous
*V. Pres., Sec., Treas. & Mgr.
N. B. Wilkes...................... "
Supt. E. P. Smithrim .............. "
Engr. Pwr. Sta. James Smyth.... "
1 a. c. West. 50 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 88 hp. e. (gas) Crossley; 100 hp. gas pro. Crossley.
City cont. 9 arcs 600 w. $185 per yr; all nt; coal $9.
G L 3 ✠ 23

**WEYBURN,** 3,500—Munic. Elec. Lt. Plant; cost $125,500.
Mayor, D. C. P. Moore..........Weyburn
*Supt. Geo. V. Reed............ "
2 a. c. Allis-C. Bull. tot. 350 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 220 v. 3 ph. 60 cys; 560 hp. e Allis-C, G. & McC; 780 hp. b. Robb, Bab. & W.
City cont. 30 arcs A-B. 6 amp. $100 per yr; 25 incs. 6.6 amp. 600 w. 3 cts. per kwh., moonlt; lignite $2.30.
D L S 3 ★16

**WILKIE,** 1,556— Munic. Elec. Lt. Dept; cap. outstg. $21,000; bds. $20,649.
*Sec. & Treas. T. A. Dinsley......Wilkie
Engr. Pwr. Sta. T. Meakes......... "
1 a. c. West. 75 kw. 2200 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; 100 hp. e. (oil) M. B. & D.
50 city series incs. 80 c. p; all nt; oil 12 cts.
G L 3 124

**WOLSELEY,** 935—Munic. Elec. Lt. & Pwr. Plant. Cost $19,500.
Mayor, J. F. Middlemiss........Wolseley
Chmn. Lt. Com T. E. Scriver.. "
Sec. & Treas. A. B. Hill ....... "
Audr. M. B. Tribe............... "
*¶ Mgr., Cont. Agt. & Ch. Engr.
Chas. Stengel.................... "
Engr. Pwr. Sta. Wm. Biram.... "
2 a. c. West. tot. 100 kw. 2300 v. 3 ph. 60 cys; a. c. nt. ltg. cir. 100 v. 60 cys; a. c. nt. mo. cir. 100 v. 3 ph. 60 cys; 60 hp. e. (gas) Olds; 160 hp. gas pro, Lay; 60 hp. e. (gasoline) F. M. & Co.
60 city incs. 4 amp. 40-60 c. p. 16 cts. per kw; moonlt; gasoline 33.5 cts; coal oil 21.5 cts; motorspirit 21½ cts.
D G L 3 ✠ ★16

**YORKTON,** 1,625—Munic. Plant.
Sec. & Treas. F. J. Pilkington...Yorkton
*Gen. Supt. W. D. Macpherson.. "
Engr. Pwr. Sta. Oscar Olson..... "
2 a.c. Siemens tot. 520 kva. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 550 v. 3 ph. 60 cys; 650 hp. Diesel e. (oil) Mirrlees, Bickerton & Day.
150 city Tung. series 6.6 amp. 80 c. p. and 84 5-lt. Standards tung. mult. 100 w. 8 cts. per kwh, all nt; crude oil 11½ cts. (Will install additional 500 h. p. unit.)
D G L 3 ★16

## YUKON TERRITORY.

**DAWSON,** 7,500—Dawson Elec. Lt. & Pwr. Co., Ltd. (Controlled by Northern Lt., Pwr. & Coal Co., Ltd.); cap. $150,000.
Pres. & Mgr. Fred W. Corbett...Dawson
V. Pres. Treas. & Supt. A. E. Lee. "
Sec. Frank Noziglia.............. "
Engr. Pwr. Sta. Herbert Dyke.... "
2 a. c. C. G. E. tot. 500 kw. 2300-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. day & nt. mo. cir. 440-220 v; 700 hp. e. Ide, H. F. & M; 1000 hp. b. Std, Bab. & W; also purchases energy from Canadian Klondyke Pwr. Co., Ltd.

City cont. 112 Tung. 100 w; coal $7.50. (Co. also lts. Bonanza.)
D L S 3 ✣ 26

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Northern Lt., Pwr. & Coal Co., Ltd. Pwr. plant at Coal Creek Colliery, 40 miles N. W. of Dawson. (Controls Dawson Elec. Lt. & Pwr. Co., Ltd.)
Mgr. Fred. W. Corbett............Dawson
Ch. Engr. A. E. Lee................ "
Engr. Pwr. Sta. P. Cunningham.. "

6 turbo-gen. B. Westg. tot. 8000 kw. 6000 v. 3 ph. 60 cys; trans. 33,000 v. 3 ph. 60 cys.

Coal $4. Co. supplies energy for mining, dredges, pumps, elec. elevators &c.
S T 3 ★26

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Canadian Klondyke Pwr. Co., Ltd. Office, Dawson. (Formerly Granville Pwr. Co.) Plant on N. Fork of Klondyke River, 25 miles from Dawson; cap. outstg. $1,500,000; bds. $1,500,000.
Pres. James MacDougall,
233 Broadway, New York, N. Y.
V. Pres. D. A. Boyle....Woodstock. Ont
Sec. A. E. Nash.............Windsor, Ont.
Audr. J. J. Boyle................Dawson
*Mgr. J. W. Boyle................. "
Gen Supt. L. H. Titus........... "
Ch. Engr. John C. R. Coates..... "
Engr. Pwr. Sta Chas. Diers....Glenboyle

2 a.c. West. tot. 6000 kw. 2300-110 v. 3 ph. 60 cys; trans. line 33,000 v; 10 000 hp. wtr. wh. Morris; a. c. day & nt. mo. cir. 2300-440 v. 3 ph. 60 cys. Sells energy in bulk to Dawson Elec. Lt. & Pwr. Co. and to mining companies.
T W 3 ★36

**WHITE HORSE**—Yukon Electrical Co.; cap. $8,000; no bds.
Pres. A. G. Smith......Vancouver, B. C.
*¶ V. Pres. & Mgr. W. L. Phelps,
White Horse
Sec. A. Wood................ "
Engr. Pwr. Sta.
Chas. E. French.......... "
Ch. Elecn. F. W. Gray....... "

2 d. c. West. tot. 30 kw. 220 v; no day cir; 75 hp. e; 75 hp. b.

Coal $11.
C L S ✣ 26

# NEWFOUNDLAND.

(Foreign postage rates.)

**BAY ROBERTS,** 2,230—United Towns' Elec'l Co., Ltd. See Carbonear.

**BRIGUS,** 2000—United Towns' Elec'l Co., Ltd. See Carbonear.

**CARBONEAR,** 4,127—United Towns' Electrical Co., Ltd.; cap. $50,800; bds. $50,000. Pwr. plant in Victoria Village.
Pres. Hon. J. J. Murphy..........St. Johns
V. Pres. Hugh Cameron.........Carbonear
Mng. Dir. R. J. Murphy.... St. Johns
*Sec., Treas. & Mgr.
Louis Williams...............Carbonear
¶ Pur. Agt. D. Cameron....... "

3 a. c. G. E. West tot 800 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 110-220 v; a. c. mo. cir. 220 v. 3 ph. 60 cys; 1725 hp. turb. (wtr.) Pelton Voith.

City cont. 160 incs. 32 c. p. (Co. also lts. Harbor Grace, Freshwater, Spout Cove, Salmon Cove, Small Point, Adams Cove, Victoria, Broad Cove, Black Head, Western Bay, Southside, Hearts' Content, Riverhead, Tilton, Spaniards' Bay, Bay Roberts, Clarks' Beach, North River and Brigus.)
D L W 3 ✣ 85

**HARBOR GRACE,** 6,700—United Towns' Elec. Co., Ltd. See Carbonear.

**HEARTS' CONTENT,** 1,080—United Towns' Elec. Co., Ltd. See Carbonear.

**ST. JOHNS,** 31,000—Reid Newfoundland Co. (Company operates Steam Railway, Dry Dock, Steam Coastal Service, Street Railway and Lighting Plant.); cap. auth. $25,000,000.
*Pres. & Gen. Mgr. W. D. Reid..St. Johns
V. Pres. H. D. Reid............. "
Sec. & Treas. R. G. Reid...... "
¶ Pur. Agt. H. Crawford...... "
Elec. Engr. J. W. Morris...... "
Hydro & Elec. Engr. J. H. Halley "

4 a. c. Westg. tot. 3300 kva. 500 v. 3 ph. 60 cys; 4 rect. G. E. tot. 250 lt; a. c. day & nt. ltg. cir. 104 v. 60 cys; a. c. mo. cir. 220 v. 2 ph. 60 cys: 4200 hp. turb. (wtr.) Voith, Heiderheim; trans. 15,000 v.

City cont. 150 arcs enc. 325 w. 6.6 amps. $70 per yr; Tung. 60 c. p. $30 per yr; moonlt.
D R W 2 3 ✣ 25

**SPANIARD BAY,** 1,340—United Towns' Elec'l Co., Ltd. See Carbonear.

**WESTERN BAY,** 1,100—United Towns' Elec'l Co., Ltd. See Carbonear.

# MEXICO.

## AGUASCALIENTES.

**AGUASCALIENTES,** 51,000—Compania Electricidad y Tranvias de Aguascalientes, S. A. P. O. Box 66; cap. $500,000.
Pres. Enrique Schöndube
P. O. Box 756, Mexico City
*¶ Mgr. G. Hübner.......Aguascalientes
Engr. Pwr. Sta.
Frederico Grimm....... "

2 d. c. Ide., West. tot. 240 kw. 550 v; 3 a. c. A. E. G, West tot. 625 kw. 3000 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; a. c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; d. c. day mo. cir. 550 v; 120 hp. e. (stm.); 200 hp. e. (gas). Koertings; 400 hp. gas. pro. Koertings; 200 hp. b; 400 hp. e. (oil) Busch-Diesel; 2600 amp. hr. stor. bat. Hagen 550 v.

City cont. 1000 series Mazdas 32 c. p. 5.5 amp., moonlt.
C D G R S 3 ✣ ★26

## CHIAPAS.

**COMITAN,** 9,316—Cia de Luz y Fuerza de Comitan, S.A. Pwr. plant in Tzimol; cap $70,000; no bds.
Pres. Gregorio de la Vega.......Comitan
Directors { L. E. Allen.......... "
Man'l. Rovelo....... "
Mariano Lara........ "
Mgr. A. Moya.................... "
*¶ Pur. Agts. Allen & Calves.... "
Ch. Engr. & Elecn. L. E. Allen.. "

1 a.c. G.E. 100 kw. 2300-110 v. 3 ph. 60 cys; a. c. day cir. 105 v; 200 hp. turb. (wtr.) Pelton.

City cont. 54 arcs A. B. 450 w. $90 per yr; all nt.
D L W 3 89

**SAN CRISTOBAL DE LAS CASAS,** 10,500—*Allen & Calves. (Operate under lease the plants of Francisco Orocaco y Jimenez & Paniagua y Garcia.) Address P. O Box 17 San Cristobal, L. C.

2 d. c. German tot. 50 kw. 220 v; 1 a. c. German 20 kw. 2200-220-110 v. 3 ph. 50 cys; a. c. mo. cir. 110 v; 100 hp. e. German; 120 hp. b. German; 50 hp. wtr. wh. Francis.

City cont. 20 arcs 500 w. $180 per yr; 120 incs. $12 per yr; mdnt; wood $1.
C L S W 3 ✣ 10

## CHIHUAHUA.

**CHIHUAHUA,** 18,297—Cia Electrica y Ferrocarriles de Chihuahua.

1st V. Pres. Juan B. Bacn......Chihuahua
2nd V. Pres. R. Ornelas ......... "
Sec. Enrique Gonzalez ........ "
Treas. S. Vorgas (hijo) ....... "
*¶Mgr. E. R. Lozano .......... "
Audr. Leandro Gonzalez Gorza "
Engr. Pwr. Sta. José G. Clift.. "

3 d. c. G. E, Allis C. tot. 500 kw. 550 v; 3 a. c. G. E. Allis-C. tot. 1600 kw. 2300 v. 2 ph 60 cys; a. c. & d. c. day & nt. ltg. cir. 220 v; a. c. & d. c. pwr. cir. 220 v; st. ry. cir. 550 v; 1300 hp. e. Cia Industrial; 1000 hp. b. Heine; 750 kw. turb. (stm.) Allis-C.

City cont. 160 arcs 2000 c. p. $218 (Mex.) per yr; 245 incs. 16 c. p. $18 (Mex.) per yr; wood, coal $4.55.

C D R S 2 ✠ 25

**JIMENEZ,** 6,500—"La Arrora," Cia de Luz Electrica; cost $58,800.
*Pres. A. J. Warren, P. O. Box 35, Jimenez

1 a. c. War. 75 kw. 2200 v. 3 ph. 60 cys; 1 rect. W. E. 25 arcs: a. c. day & nt. ltg. cir. 220 v; a. c. mo. cir. 220 v; 150 hp. e. Industrial, Atlas; 250 hp. b. Frost; also 1 ton ice plant.

City cont. 25 arcs 6.6 amp. $180 per yr; 90 incs. 16 c. p. $18 per yr; moonlt; coal $5.50 & $6.50.

D I L S 3 ✠ 23

**PARRAL,** 7,269—Parral Elec. & Telephone Co.
*Owner, E. O. Lindblom,
54 Geary St., San Francisco, Cal.
¶ Mgr. W. W. Stewart,
Apartado, No. 52, Parral

4 a.c. West. tot. 900 kw. 2200-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 440-220 v; 1200 hp. e. Nord; 1350 hp. b. Frmn.

City cont. 35 arcs A. B. & G. E. 6 amp. $133.32 per yr; 50 incs. 16 c. p. $18 per yr; moonlt; wood and coal. (Co. also lts. Villa Escobeda.)

D L S 2 ✠ 44

**SANTA ROSALIA,** —— Mexican Northern Pwr. Co. Office, 76 Adelaide St., W. Toronto, Can.; cap. auth. $15,000.000; outstanding $12,600,000 (gold); bds. auth. $10,000,000 (gold).
Pres. D. E. Thompson, K. C......Toronto
*Sec. & Treas. Fred. C. Clarke.. "

Co. has 40,000 hp. hydro-elec. plant under construction on Conchos River, 20 miles from Santa Rosalia. Will furnish energy for industrial plants within a radius of 150 miles.

T W ✠ 74

## COAHUILA.

**SALTILLO,** 26,801—Cia de Luz y Fuerza Motry Electrica de Saltillo; cap. $100,000 (Mex.); no bds.
Pres. Lic. Pragedis de la Pena....Saltillo
V. Pres. & Treas. Marcelino Garza "
Sec. Gustavo Villareal........... "
*Mgr. Ernest F. Baer............ "
Supt. Carlos Efrin Martinez..... "
Engr. Pwr. Sta. H. Vermehr..... "

4 a. c. A. E. G. Berlin tot. 1000 kw. 3100 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 125 v; a. c. day mo. cir. 220-3000 v; 800 hp. e. (gas) Koerting, Hanover: 800 hp. gas pro. Koerting, Hanover; 600 hp. e. (oil) Koerting, Hanover.

City cont. 120 flame arcs 9 amp. $180 per yr; 8500 incs. 25 & 50 w. $12 & $24 per yr; all nt; coal & oil.

D G L 3 ✠ ★36†

**TORREON,** 6,231—Cia Ferrocarril Electrico de Lerdo a Torreon. For executive officers, see Gomez Palacio, Durango.
Local Mgr.
Francisco Nijares................Torreon
Supt. Meter Dept.
Jose S. Garcia..................... "

3 a. c. A. E. G. tot. 1070 kw. 2200 v. 3 ph. 60 cys; 6 d. c. G. E. tot. 575 kw. 110-250-550 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-440-2200 v. 3 ph. 60 cys; d. c. mo. cir. 550-250 v; 1600 hp. e. (gas) Koerting; 2400 hp. gas pro. Koerting; 575 amp. hr. stor. bat. A. F. A. G. 550 v.

City cont. 210 G. E. series enc. arcs $150 (Mex.) per yr; 10,000 incs. $27 (Mex.) per yr; moonlt; coal $3 (gold).

C D G R 3 ✠ ★26

## DURANGO.

**DURANGO,** 26,425 — Empresa Duranguena de Luz Electrica. Calle de Constitucion No. 4.
*Owner Ciprano Guerrero.......Durango
¶Mgr. Julio Guerrero ............ "
Ch. Engr. Julio Richter.......... "
Ch. Elecn. Eduardo Cornaghan.. "

9 a. c. Westg, G. E. Schartzkopf tot. 695 kw. 1100-104 v. s. & 2 ph. 60 & 125 cys; a.c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 1125 hp. e. (stm. & gas) Ide, Otto, West; 800 hp. b. Bab. & W. A. & R.

City cont. 64 arcs 1200 c. p; 8.00 Mazdas series 10 hrs. per day; coal.

D G L S 1 2 ✠ 22

**GOMEZ PALACIO,** 10,000—Cia Ferrocarril Electrico de Lerdo a Torreon, S. A. Pwr. stas, Torreon, Coahuila and Gomez Palacio; cap. $2,300,000 (Mex.)
Pres. Leon Signoret..........Mexico City
V. Pres. & Sec. Federico Sariñana..Lerdo
*Treas. Miguel Torres.....Gomez Palacio
Audr. Miguel Bernardini... " "
Supt. Leon Branger........ " "

2 a. c. G. E, A. E. G. tot. 440 kw. 2200 v. 3 ph. 60 cys; 3 d. c. G. E, A. E. G. tot. 470 kw. 550 v; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. 220-2200 v. 3 ph. 60 cys; d. c. mo. cir. 550-250 v; 1250 hp. e. Allis-C, St. L, Cor, Borsig; 750 hp. b. Bab. & W, Bass; 270 amp. hr. stor. bat. A. F. A. G. 550 v.

Coal $15 (Mex.). (Lts. Gomez Palacio, Lerdo and Torreon (Coahuila).)

C D R S 3 ✠ 26

**MAPIMI**—Cia Minera de Penoles, S. A.
Pres. K. B. Heberlin
3a San Agustin, Mexico City
Asst. Mgr. & Cont. Agt.
H. Bornhaft....... .............Mapimi
*¶ Pur. Agt. C. H. Brandes
52 Broadway, New York, N. Y.
Supt. H. S. Mulliken..............Mapimi
Supts A. B. Carstens.......... "
of T. F. Brady.............. "
Machy C. C. Hoke.................Ojuela

3 a. c. G. E. tot. 2150 kw. 6600 v. 3 ph. ph. 60 cys; 2 d. c. G. E. tot. 500 kw. 250 v; a. c. day & nt. ltg. cir. 110 v; d. c. ltg. cir. 250 v; a. c. mo. cir. 110-220-440 v; 1900 kw. e. Allis-C; 3150 hp. b. Heine; 750 kw. stm. turb. G. E.

City cont. 115 arcs 1000 c. p: 3000 incs. Oszam 200 w; oil. (Co. also lts. Ojuela.)

C D L S 3 23

## GUANAJUATO.

**CELAYA,** 21,245—Central Mexico Lt. & Pwr. Co. See Guanajuato.

3300-220-110 v; — ph. 60 cys; a. c. day cir. 110 v; pwr. cir. 220 v; — hp. turb.

City cont. 400 arcs G. E. Westg. 450 w; wood.

D L W X 104

**GUANAJUATO,** 30,404 — Alumbrado Electrico de Guanajuato (owned by the State.) Office, Apartado, No. 32; pwr. sta. in Constancia; cost $100,000.
*Mgr. & Engr. Amado Saavedra
Guanajuato

Buys pwr. from Guanajuato Pwr. &

Elec. Co. 3 transf. G E. tot. 375 kw; 3 a. c. West. tot. 200 kw. 2000-100 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 110 v. s. ph. 60 cys; 300 hp. e. Heine; 300 hp. b. Heine. (Stm. plant reserve.)

City cont. series incs; all nt.
D L S 1 2 —— 44

Guanajuato Power & Elec. Co. Pwr. plants at Zamora and El Zabino; general offices, Apartado 50, Guanajuato. Mex., & Colorado Springs, Colo. (Owns and controls Central Mexico Lt. & Pwr. Co., and Michoacan Pwr. Co.) Pwr. plants at El Platanal, El Sabino & El Botella; cap. $2,750,000; bds. $1,395,000.
Pres. Henry Hine ............ Colorado Springs, Colo.
V. Prests. Treas. Leonard E. Curtis Colorado Springs, Colo.
JohnS. Bartlett, Boston, Mass.
F. C. Walcott...... Colorado Springs, Colo.
Sec. Irving W. Bonbright New York. N. Y.
Asst. Secs. & Asst. Treasrs. E. D. Marr...... Colorado Spgs., Colo.
C A. Stone. . Boston, Mass.
Fredk. Gerhard.. Colorado Spgs., Colo.
Gen. Mgrs. Curtis & Hine " "
*Res. Mgr. F. L. Gilmore.....Guanajuato
¶Pur. Agt. F. D. DeVotie.... "

Output of 3 plants 20,000 hp; 102 miles trans. to Guanajuato 60,000 v; 50 miles distributing system 15,000 v; 87 miles trans. to San Luis Potosi.
T W —— 104

Central Mexico Lt. & Pwr. Co. (Controlled and operated by Guanajuato Pwr. & Elec. Co.) Gen. office, Colo. Springs, Colo.; cap. auth. & issued $2,750,000; bds. $1,800,000.
Pres. Henry Hine............... Colorado Springs, Col.
V. Pres. & Treas. Leonard E. Curtis........... Colorado Springs, Col.
V. Pres. F. C. Walcott...New York, N. Y.
Sec. Irving W. Bonbright 14 Wall St., New York, N. Y.
Asst. Secs. & Asst. Treasrs. E. D. Marr Colorado Spgs, Col.
Fredk. Gerhard New York, N. Y.
Gen. Mgrs. Curtis & Hine Colorado Spgs., Col.
Res. Mgr. F. L. Gilmore Apartado No. 50, Guanajuato

Operates plants in Leon, Irapuato, Silao, Celaya, Pozos, Valle de Santiago and San Luis Potosi; also serves Salamanca.
L 104

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Michoacan Pwr. Co. Cap. stock owned and property operated by the Guanajutao Pwr. & Elec. Co.
Pres. H. G. Lunt..Colorado Springs, Col.
V. Prests. Henry Hine " "
J. S. Bartlett... Boston, Mass.
Treas. Leonard E. Curtis, Colorado Spgs, Col.
Sec. & Asst. Treas. E. D. Marr. "
Asst. Sec. & Asst. Treas. C. A. Stone, Boston, Mass.
T 25

**IRAPUATO,** 18,593 — Central Mexico Lt. & Pwr. Co. For officers see Guanajuato.
Local Mgr. Pablo Rocha...... ..Irapuato

Purchases energy from Guanajuato Pwr. & Elec. Co. 1500 v; a.c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440 v. 3 ph. 60 cys.

City cont. 374 Mazdas mult. 60 & 500 w. $10.50 & $60 per yr; all nt.
D L 3 ✠ 104

**LEON,** 80,000—Central Mexico Lt. & Pwr. Co. For executive officers, see Guanajuato.
Local Mgr. F. P. Welch..Apartado 62 Leon

Buys energy from Guanajuato Pwr. & Elec. Co.; trans. 15,000 v. 3 ph. 60 cys; 9 transf. West. tot. 1100 kw; a. c day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 440-220-110 v. 3 ph. 60 cys.

City cont. 66 a. c. arcs 6.2 amps. $96 per yr; 1138 Tung. 40 w. $9 per yr.
D L 3 ✠ 25

**SALAMANCA,** 15,500—Central Mexico Lt. & Pwr. Co. See Guanajuato.

**SALVATIERRA,** 38,529 — Planta de Luz Electricas; cap. auth. $50,000; no bds.
*Owners, Hijos de Argomedo..Salvatierra

1 d. c. G. E. 8½ kw. 120 v; 1 a. c. Warren 75 kw. 2200-110 v. 3 ph. 133 cys; no day cir; 255 hp. e; 175 hp. turb. (wtr.) Lef; 80 hp. b. Inglesa.

City cont. 18 arcs 1200 c. p. $96 per yr; 100 incs. 16 c. p. $15 per yr; moonlt.
L S W 3 19

### GUERRERO

**CHILPANCINGO,** 6,312—Planta de la Luz Electrica. Address, la de Zaragoza No. 6.
Gov. Damian Flores........Chilpancingo
*Mayor Carlos Genvura Alarcon "
Supt. T. S. Artego............. "

1 d. c. arc G. E. 25 lt; 1 d. c. Decker 125 v; no day cir; —hp.e; 50 hp.b.

City cont. 6 P. M. to 11 P. M.
C L S 78

### HIDALGO.

**PACHUCA,** 40,487—Pachuca Lt. & Pwr. Co. (Tot. cap. of plant 12,700 hp.) Controlled by the Mexican Lt. & Pwr. Co., Ltd., which see for executive officers.
Mgr. Ch. Engr. & Elecn.
J. A. Renstrim................Pachuca

8 a. c. G. E, A. E. G. tot. 2400 kw. 10,000 v. 3 ph. 60 cys; a.c. day cir; pwr. cir. 10,000-1050 v; 1800 hp. turb. (stm.) S. & W; 2700 kw. turb. (wtr.) Pelton.

City cont. 80 arcs 1200 c. p. $252 per yr; moonlt: 3 A. M. (Co. also furnishes pwr. for ltg. Real del Monte.)
D L S W 3 94

**REAL DEL MONTE,** 10,008—Pachuca Lt. & Pwr. Co. See Pachuca.

### JALISCO.

**ATOTONILCO EL ALTO,**——Cia de Luz y Fuerza de Atotonilco S. A. (Atotonilco Lt. & Pwr. Co.) Office, 189 Santuario St; cap. $50.000.
Pres. Castulo Gallardo.......Guadalajara
V. Pres. Abel Rios........... "
Sec. Alejandro Gallardo Rojas "
Treas. Jose M. Corvera...... "
Mgr. Enrique Rivera C........Atotonilco

1 a. c. Siemens 60 kw. 8000 v. 3 ph. 50 cys; a. c. nt. ltg. cir. 110 v; a.c. day & nt. mo. cir. 220 v. 3 ph. 60 cys; 50 hp. e. (gas) Korting; 80 hp. wtr. wh. Giesecke; also ice plant.

City cont. 654 Osram & Mazdas 25 w. $18 per yr; all nt.
G I L W 3 ★115

**GUADALAJARA,** 83.934—Cia Hidroelectrica é Irrigadora del Chapala, S. A. (Consol. of Concessions owned by Manuel Cuesta Gallardo & Compania de Tranvias Fuerza y Luz.); cap $14,000,000 (Mex.); bds. $6,000,000 (Mex.).
*Pres. Fernando Pimentel, Banko Central Mexicano Mexico City
Gen. Mgr. Emile Pinsou, Apartado 1125 "

5 a.c. inc. G.E. tot. 1800 kw. 1040-104 v. s. ph. 100 cys: a. c. day cir. 1040-104 v; pwr. cir. 1040-500 v: 3600 hp. turb. Leffel.

City cont. 350 arcs $120 per yr; 500 incs. 16 c. p. $7.20 per yr; 60 com. arcs $72 per

r; 22,000 com. incs. $9 per yr; all nt. Co. also lts. San Pedro, San Andres and Zapopan and has 20,000 v. trans. lines to mining districts and for irrig. pumps.)
D N W 1 ✢ 10

**LA BARCA,** 8,352—*Castellanos y Mendez. Office, Calle de Aldama No. 58; cap. $35,000.
Pres. Treas. & Mgr.
Fructuoso Castellanos
Av. Rivas No. 1. La Barca
V. Pres. & Engr. Pwr. Sta.
Pablo A. Mendez
Av. Rivas No. 24, "

Purchases energy from Guanajuato Pwr. & Elec. Co. & from pwr. plant at Zamora; 2 a. c. G. E. tot. 100 kw. 15,000-220 v. 2 ph 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 220 v.

City cont. 5 arcs. West. 500 w. $120 per yr; 800 carbon $14.90 per yr; all nt. (Co. also lts. Jamay and Ocotlan, Jalisco.)
D L 2 ✢ 23

**SAYULA,** 8,819—Compania de Luz Electrica de Sayula, S. A. Office, Calle de La Constitucion No. 3; cap. $50,000; no bds.
Pres. M. Gonzalez Rubio..........Sayula
*V. Pres. José Cisneros........... "
Sec. José Equiarte ............ "
Treas. J. de Jesus Equiarte........ "
¶Engr. Pwr. Sta. Celso Forres..... "

2 d. c. Com. tot. 100 kw. 110 v; d. c. day & nt. ltg. cir. 110 v; 150 hp. e. Atlas; 180 hp. b.

City cont. 7 arcs $120 per yr; 300 incs. 32 c. p. tot. $300 per yr; moonlt; wood $6.
C D L S ✢ ★115

**TEQUILA,** 6,818—Compania de Luz y Fuerza Motriz Electrica de Amatitan.
*Pres. Sec. & Treas. Jose Fernandez
Calle de Queretaro No. 1, Tequila

1 d. c. G. E. 50 kw. 125 v; d. c. nt. ltg. cir. 110 v; d. c. day mo. cir. 125 v; —— hp. e. (gas) Geb. Korting; ——hp. gas pro. Geb. Koerting.

City cont. 5 arcs $120 per yr; 300 incs 40 w. $12 per yr; midnt.
C D G L ✢ 83

## LOWER CALIFORNIA.
## (Territory)

**ENSENADA**—Cia de Agua y Luz de Ensenada.
Supt. S. Z. Salorio..............Ensenada
L W ✢ ★36†

## MEXICO.

**ATZCAPOTZALCO** (Federal District) 7,494—Mexican Lt. & Pwr. Co. See Mexico.

**COATEPEC,** 8,623—Jalapa R. R. & Pwr. Co. See Jalapa.

**COYOACAN,** 7,018—S. Robert & Cia. See San Angel.

**GUADALUPE,** 8,781—Mexican Lt. & Pwr. Co. See Mexico.

**MEXICO,** 470,659—Mexican Lt. & Pwr. Co. Head office, Manning Arcade, Toronto, Ont., Can. Gen. office, Indianilla, Mexico City. Pwr.stas: Mexico City and Necaxa, Pueb.(hydro-elec.) (Owns Mexican Elec. Lt. Co., Ltd. through which it controls Mexican Gas & Elec. Lt. Co., Ltd., and La Campania Explotodora de las Fuerzas Hidro-Electricas de San Ildefonso S. A. Also controls through stock ownership the Pachuca Lt. & Pwr. Co.) (Controlled through stock ownership by the Mexico Tramways Co.;) cap. auth. (prfd.) $6,000,000: (com.) $19,000,000; issued (pref.) $6 000.000; (com.) $13,585,000; bds. $21,073,833.33.
Pres. ——......................——
V. Prests. { Robert C. Brown, Toronto, Can.
Miller Lash..... " "
*Sec. U. de B. Daly........ " "
Asst. Secs. { P. Mendez y Mendez, Mexico City
T. Porter............London, Eng.
Gen. Mgr. Chas. B. Graves...Mexico City
Audrs. McAuliffe, Davis & Hope " "
¶ Pur. Agts. Pearson Eng. Corp.,
115 B'way, New York, N.Y.

22 a. c. G. E, Westg, Siemens tot. 65,000 kw. 85,000-20,000-3000-218-120 v. 3 ph. 50 cys; a. c. day cir. 3000 v; a. c. pwr. cir. 3000-210 v; 66,000 hp. wtr.; tot. capacity of all generating plants 133,527 hp. (Necaxa 94,000 hp; San Ildefonso and other small plants 10,777 hp; Pachuca Lt. & Pwr. Co., 12,700 hp; reserve steam plants, Mexico City (including Mexico Tramways Co. plant) 16,050 hp.)

City cont. 1540 arcs 2000 c. p.; 300 incs. 50 c. p; all nt; coal $17. (Co. lts. all towns in Federal Dist. incl. Guadalupe, Hidalgo, Atzcapotzalco, Tacuba, Tacubaya, Mixcoac, San Angel, Coyocan and Tlalpam; sells pwr. to El Oro Mining Camp. Co. is extending lines to Pachuca Mining district where 15,000 hp. will be distributed. Has acquired franchises from States of Puebla, Hidalgo, Mexico and Michoacan.)
D N S W 3 75

**MIXCOAC** (Federal District) 6,186—Mexican Lt. & Pwr. Co. See Mexico.

**SAN ANGEL,** (Federal District) 10,580. Mexican Lt. & Pwr. Co. See Mexico.
¶ Mgr. & Ch. Elecn. Will N. Parsons
San Angel

a. c. day & pwr. cir. 440-220-120 v. 3 ph. 50 cys.

City cont. 104 arcs 1200 c. p. 180 Pesos per yr; 1800 incs. 16 c. p. 18 Pesos per yr; 5.30 P. M. to 5 A. M; all nt. (Co. also lts. Coyoacan, Mixcoac, Talpan, San Pedro, Tacubaya & Contreras.)
D L 3 ✢ 44

**TACUBAYA,** 18,342—Mexican Lt. & Pwr. Co. See Mexico.

**TEMASCALTEPEC,** 5,000—Sultepec Elec. Lt. & Pwr. Co. See Toluca.

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*Francisco Segura y Hermano; cap. $10,000.
¶ Mgr. Francisco Segura..Temascaltepec
Ch. Engr. Ramon Alvarez. "
Ch. Elecn. Nicolas Vences "

1 d. c. G. E. 25 kw. 250-220 v; no day cir; 16 hp. e; 69 hp. wtr. wh. Pelton.

City cont. 2 arcs 1200 c. p. $9 per yr; 25 incs. 16 c. p. $8.50 per yr.
C L S W ✢ 21

**TLALPAM** (Federal District) 4,732—Mexican Lt. & Pwr. Co. See Mexico.

**TOLUCA,** 31,247—Cia de Luz Electrica de Toluca; pwr. sta. at Hacienda de la Huerta.
*Mgr. Adolfo Henkel..............Toluca

3 a. c. Westg. A. E. G. tot. 315 kw. 5000-v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; a. c. mo. cir. 220 v; 430 hp. turb. (wtr.) Pelton, Voigt, Heidenheim.

Com. ltg. 10 cts. per kw. (Co. also lts. Zincaulepec & San Juan.)
D L W 2 ✢ 23

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Sultepec Elec. Lt. & Pwr. Co. Pwr. plants in Temascaltepec & San Simonito; cap. $566,700; bds. $639 000.
Pres. Geo. M. Boardman
8 Bridge St., New York, N. Y.
V. Pres. Timothy S. Williams
85 Clinton St., Brooklyn, N. Y.
Sec. & Treas. C. L. Rossiter
44 Court St., Brooklyn, N .Y.

*¶Cont. Agt. & Mgr. R. J. M. Danley Toluca
Supt. H. S. Bolton.................... "
Engr. Pwr. Sta.
Carlos Diehl ............Temascaltepec

6 a. c. Stan. West. tot. 2100 kw. 6600-2200-110 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220-110 v; a. c. mo. cir. 2200 v; 3850 hp. turb. (wtr.) Pelton; trans. 25,000-6600 v. 3 ph. 60 cys.

City cont. 203 arcs G. E. series 450 w. $100 & $108 per yr; 130 mult. incs. 16 & 24 c. p. $12 & $18 per yr; all nt. (Co. also lts. Calimaya, Tenango Tenancingo, Tlacotapec, San Felipe, San Antonio, Temascaltepec, Sultepec, Zacualpan and San Simonito.)

D N W 3 36E

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Molina de la Union S. A; pwr. plants at Zapayuatla and San Pedro Xictepec; cap. $1,250,000; no bds.

Pres. John Henkel ................Toluca
V. Pres. Edward Henkel .......... "
Sec. M. J. Rodriguez.............. "
Treas. Alberto Henkel............. "
*¶Mgr. Henkel Bros................ "
Supt. Felix Morales................ "
Engr. Pwr. Sta. G. Zea............ "

4 a. c. West. A. E. G. tot. 1800 kw. 22,000-500 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v; a. c. pwr. cir 5000-2000-440-220 v; 2260 hp. turb. (wtr.) Voith, Heidenham.

City cont. 238 arcs $8.50 per yr; incs. 10 cts. per kw; all nt. (Co. also lts. Metepec, Mexicalzingo, Santiago, Caphulhuac, Lerma, Ocoyoacac, Almoloya, Cacalomacan, Santa Cruz and others.)

D N W 3 74

## MICHOACAN.

**ARIO DE ROSALES**—Compañia Explotadora de Fuerzas Hidro-Electricas de Ario de Rosales; cap. $33,000.

*Pres. Aurelio Ruiz Oseguera
Ira Prado Num. 2 Ario

— a. c. type A. T. B. 50 kw. 3 ph. 60 cys; nt. ltg. cir; — hp. turb. (wtr.) Lef.

City cont. 600 incs. $12 per yr.

L W 3 23

**ZAMORA,** 13,699—Cia de Luz Electricas.

*Owner, Jesus M. Bustamante...Zamora

— a. c. Stanley, Kelly & Maffer — Schwartzkopff, — kw. 2300 v. — ph. 60 cys; 140 hp. wtr. whl. Leff. and 175 hp. Zurich-Zinza: a. c. day & nt. ltg. & mo. cir. 220 v. — ph. 60 cys.

City cont. 7 arcs $100 per yr.

D L X 92

## MORELOS.

**CUERNAVACA,** 8,747—"Porfirio Diaz" Ltg. & Pwr. Plant. Cost $100,000. Address No. 4a Cuarta Morelos St.

*Owner & Mgr.
German E. Canas.........Cuernavaca

1 d. c. arc G. E. C. 50 lt; 3 a. c. G. E. C. tot. kw. 2300 110 v. s. & 3 ph; a. c. day & pwr. cir. 2300-100 v; 130 hp. turb. (wtr.) Girard, Pelton.

City cont. 36 arcs Rice $180 per yr; 1 A. M.

D L W 1 3 78

## NUEVO LEON.

**LINARES,** 720—Cia de Alumbrado Eléctrico y Fuerza Mortriz de Linares. Calle Sur No. 80; cap. $100,000.

Pres. Ignacio Ibarguengoita. Mexico, Mex.
V. Pres. Vv. Siay............. "
*Sec. E. J. Gummings...Guanajuato, Gto.
Treas. Manuel Antillon. " "
Mgr. & Engr Pwr. Sta.
Manuel L. Huerta...............Linares

2 a. c. 2200 v. 3 ph. 60 cys; 6 transf. G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 104 v. 60 cys.

City cont. 29 arcs G. E. $132 per yr; 1000 Mazdas $18; all nt; wood.

D L S 3 ✠ 23

**MONTERREY,** 25,000—Monterrey Ry., Lt. & Pwr. Co. Office, Apartado 58, Monterrey. (Consol. Monterrey Lt. & Pwr. Co. & Monterrey Ry., Lt. & Pwr. Co.); cap. $4,600,000; bds. $263,000.

Pres. Sir Wm. MacKenzie,
1 Toronto St, Toronto, Can.
1st V. Pres. Sir D. D. Mann " "
2d V. Pres. & Gen. Mgr. Lewis Lukes,
1 Toronto St, Toronto, Can.
Sec. & Treas.
R. P. Ormsby " " "
*Mgr. E. Leonarz.................Monterrey
Engr. Pwr. Sta. C. D. Baxter.. "

5 a. c. G E. tot. 2500 kw. 4000 v. 3 ph. 60 cys; 3 mo.-gen. G. E. West. tot. 900 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220-110 v. s. & 3 ph. 60 cys; 2500 kw. stm. turb. G.E; 1500 hp. b. Bab. & W, Atlas.

City cont. 185 lamps 250 w. $132 per yr; 56 100-w. $54 per yr; 322 75-w. $42 per yr. and 160 w $30 per yr. (Mexican currency); all nt; oil. (Co. also lts. Topo Chico, San Geronimo, and San Nicolas de los Garzas.)

D R S 1 3 ✠ 26

## OAXACA.

**OAXACA,** 32,641—Cia de Luz Electricas. No. 5 Armenta St.; cap. $800,000.

Owners, F. Zorilla & J. Baigti...Oaxaca
*Mgr. Frederick Zorrilla......... "
Ch. Engr. G. Fens............... "

4 a.c. S.H. tot. 700 kw. 10,000-1500-120 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir. 120 v; a. c. mo. cir. 1500-160 v; 900 hp. e. (gas) Koerting; 720 hp. turb. Voith.

City cont. 202 open arcs 2000 c. p. $180 per yr; 180 incs. 32 c.p. $145 per yr. 10 cts. per kw; all nt; charcoal $25 per m. kil.

D G L W 3 ✠ 45

## PUEBLA.

**CHALCHICOMUA,** 7,346 — Empresa Electrica, office Calle de Hidalgo, No. 8; cap. $35,000.

*Prop. Daniel Arroyo......Chalchicomua

1 d. c. G. E, 45 kw. 250 v; 50 hp. e. Ames; 100 hp. b. Ames.

City cont. 800 incs. 16 c. p. 75 cts. per month; wood.

C L S ✠ ★26†

**NECAXA** — Mexican Lt. & Pwr. Co. For executive officers see Mexico City. (Tot. cap. of plant, 94,000 hp.)

Supt. W. J. Cooper...............Necaxa
Engr. Pwr. Sta. Wm. A. Luebkes "
Elecn. Paul Schlimper........... "

8 a. c. G. E. Siemens tot 62,500 kva. 4400 v. 3 ph. 50 cys; 6 transf. G. E. tot. 71,250 kva; 3 mo. gen. Siemens, G. E. tot. 750 kw; 87,200 hp. turb. (wtr.)

L W 3 44

**PUEBLA,** 101,000—Cia de Tranvias Luz y Fuerza de Puebla, Apartado, No. 41. (Consol. Ferrocarril Urbano de Puebla, the Ferrocarril Industrial de Puebla, the Cia Anonima del Alumbrado Electrico de Puebla and the Cia. de Luz y Fuerza "El Portezuelo.")

Pres. Sir Clarendon G. Hyde, London, Eng.
Sec. & Treas. J. H. Macdonald "
*Gen. Mgr. J. C. Riach............Puebla
Mng. Dir. A. E. Worswick...Mexico City

Gen. stas. at Portezuelo and San Agustin, Puebla, and Tuxpango, Vera Cruz; standby plant at Orizaba which supplies the Vera Cruz Elec. Lt., Pwr. & Trac., Ltd.

14 a. c. A. E.G. G. E. West. tot. 20,790 kw. 10,000-4,000-2200 v. 3 ph. 60 cys; transm. 100,000-42,000-33,000 v. 3 ph. 60 cys; a. c. ltg. cir. 120 v. 60 cys; a. c. nt. & day mo.

cir. 3500-210 v. 3 ph. 60 cys; 6000 kw. turb. (wtr.) Voight; 5000 hp. wtr. wh. Pelton; 17,000 hp. turb. (wtr.) Escher Wyss.

City cont. 410 G. E. a. c arcs 7.5 amp; 242 5-lt. ornamental posts Buckeye series Mazdas 80 c. p; 100 Mazdas 80 c. p; 225 Mazdas 32 c. p; 4 Mazdas 500 w. (Co. also lts. Cholula and Apizaco.)

D R S W 3 ✣ 26

**TEXMELUCAN**—Empresa de Fuerza y Luz de Chautla, Apartado 15.
*Owner, Eulogio G. Gillow......Oaxaca
Sec. Isaac G. Huesca..........Texmelucan
¶ Mgr. & Ch. Engr.
Harold J. Rossi "
Ch. Elecn. R. L. Rodriguez... "

4 a. c. G. E. tot. 3,200 kw. 2300-230 v. 3 ph. 60 cys; a. c. day cir. 230-115 v; pwr. cir. 10,000 v; 1400 hp. turb. (wtr.) Pelton, Lef.

City cont. 12 arcs 800 c. p. $70 per yr. 300 incs. 16 c. p. $12 per yr. all nt. (Co. also lts. San Martin, San Lucas, Temascalac, El Carmen and San Matias Tlalancaleca.)

D L W 3 ✣ 70

**TEZIUTLAN,** 9,776—Empresa de Alumbrado Electricas y Fuerza Motriz de Teziutlan.
*¶ Owner & Mgr.
Maximo Garcia..............Teziutlan
Engr. Pwr. Sta. Rafael Garcia.. "
Elecn. Benito Espinoza
de los Monteros.............. "

2 a. c. Stan. G. E. tot. 350 kw. 3300 v. 2 ph. 60 cys; a. c. nt. ltg. cir. 110 v. 60 cys; a. c. day & nt. mo. cir. 220 v. 2 ph. 60 cys; 600 hp. turb. (wtr.) Pelton.

City cont. 60 arcs 450 w. $108 per yr; 1500 Mazdas 40-60-100 w. $12, $18 & $24 per yr; all nt. (Co. also lts. Chiguantla and Couixco.)

D L W 2 ✣ 44

### QUERETARO.

**QUERETARO,** 34,576—Compania Hidro-Electrica. Office, 5 de Mayo No. 5, Queretaro. Gen. sta. Las Rosas, Tequixquiapan.
Pres. Fransisco Cosio..........Queretaro
V. Pres. Adolfo Tola........... "
*Sec. Rosendo Rivera........... "
Treas. Ramon Martinez........ "
Mgr. J. B. Alcocer.............. "
Supt. L. D. Lozanne............ "
Engr. Pwr. Sta.
C. Honey....Las Rosas, Tequixquiasan

a. c. 3000 kw. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 220 v.

City cont. 200 arcs; 15,000 incs. (includes commercial ltg.)

D L W 3 ✣ 64

### SAN LUIS POTOSI.

**SAN LUIS POTOSI,** 80,000 — Central Mexico Lt. & Pwr. Co. (Purchased Potosina Elec. Co.) See Guanajuato, Gto.
Local Mgr. John West Thompson,
San Luis Potosi

Purchases energy from Guanajuato & Elec. Co.; 6 transf. G. E. tot. 3300 kw; a. c. day & nt. ltg. cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 1000 hp. e. (gas) West. (reserve.)

City cont. 195 arcs 1200 c. p, $201.12 (Mex.) per yr; 10 com. arcs 1200 c. p. $201.12 (Mex.) per yr.

D G L 1 2 ✣ 35

### SINALOA.

**MAZATLAN,** 16,000—Empresa de Corriente Electrica, S. A.; cap. $200,000.
*¶ Pres., Treas. & Mgr.
Arthur de Cima................Mazatlan
V. Pres. R. Henderson.......... "
Sec. Lu B. Plaza................ "
Gen. Supt. & Engr. Pwr. Sta.
John Lyme..................... "

3 a. c. G. E. West. tot. 550 kw. 1100-110 v. 2 ph. 60 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 110-220 v. s. & 2 ph. 60 cys; 800 hp. e. Ham, Cor, Rus; 500 hp. b. Stir, 176 hp. e. (gas) Lang & Wolf; 176 hp. gas pro. Otto.

City cont. 100 arcs enc. 6.6 amp. $204 (Mex.) per yr; 284 Mazdas 25 & 32 c. p. 6.6 amp. $48 (Mex.) per yr; 138 Mazdas 16 c. p. $18 (Mex.) per yr; moonlt; wood; charcoal.

D G L S 1 2 ✣ ★36

### SONORA.

**HERMOSSILLO,** 14,000—Hermossillo Luz Electrica.
Prop. Ramon Corral .........Mexico City
*Mgr. Jorge Le Brun.........Hermossillo
Engr. Pwr. Sta.
Antonio Mezquita.......... "

2 a. c. West. tot. 400 kw. 200 v. 3 ph. 60 cys; a. c. day & nt. ltg cir. 110 v. 60 cys; a. c. mo. cir. 110-220 v. s. & 3 ph. 60 cys; 675 hp. e. McI. & S, Allis-C; 500 hp. b. Bab. & W.

City cont. 70 arcs G. E. 480 w. $15 (Mex.) per mo; 105 incs. 50 c. p. $24 per yr. moonlt; coal ($16.50); wood $14 (Mex.)

C D L S 1 3 ✣ 75

### TABASCO.

**SAN JUAN BAUTISTA,** 9,604—Compania Tabasquena Electro-Motriz S. A.
¶ Pres. & Mgr. Roman Romano
San Juan Bta.
V. Pres. Isidoro de Mucha. " "
Sec. Roman Cuc............. " "
*Supt., Ch. Engr. & Elecn.
Gustave Schmidt......... " "

L 48

### TAMAULIPAS.

**DNA CECILIA,** 6,000 — Empresa de Alumbrado Electrico y Fuerza Motriz de Tampico. See Tampico.

**NEUVA LAREDO,** 5,053—Laredo Elec. & Ry. Co. See Laredo, Tex.

**TAMPICO,** 11,912—Cia Electrica de Luz, Fuerza y Traccion de Tampico, S. A. Apartado 124, Tampico.
Pres. —— ——................ ——
Sec. M. Schaap..................Tampico
Gen. Mgr. A. E. Worswick,
Calle Colon 13, Mexico, D. F.
*Supt. R. Spieler................Tampico

3 a. c. A. E. G. Berlin, tot. 4500 kw. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 104 v; a. c. day & nt. mo. cir. 230 v; 6 boilers Bab. & W: 3 stm. turb. A. E. G.

City cont.; coal $4.90. (Co. lts. Dna Cecilia and has 10 miles trans. line to La Barra 10,000 v.)

D L S 3 ✣ ★115d

**VICTORIA,** 14,774—Cia de Luz Electricas; cap. auth. & pd. in $80,000, 12 p. c. div.
*Owner, Manuel Gonzalezhijs....Victoria
¶ Mgr. & Supt. —— —— "

1 d. c. arc G. E. 50 lt; 2 a. c. G. E. tot. 120 kw. 2080-104 v. s. ph. 125 cys; a. c. day cir. 104 v; 350 hp. e. D. & C; 510 hp. b. Phoenix, Zell.

City cont. 35 arcs 1200 c. p. $180 per yr; 30 incs. 32 c. p. $16.67 per yr; 15 com. arcs 1200 c. p. $180 per yr; 2250 com. incs. 16 c. p. $18 per yr; all nt; wood $4.50. (Co. also lts. Hacienda of Tamaton).

D L S 1 ✣ 128

### VERA CRUZ.

**CORDOBA.** 19,000—Compania de Luz Electrica y Fuerza Motriz de Orizaba, S. A. See Orizaba.

**FORTIN,** — Cia de Luz Electrica y Fuerza Motriz de Orizaba, S. A. See Orizaba.

**JALAPA,** 18,166—Jalapa R. R. & Pwr. Co.
Pres. L. T. Haggin..............New York
V. Pres. J. B. Haggin........ "
Sec. & Treas. E. M. West...... "
¶ Pur. Agt. M. Matus.............Jalapa
*Gen. Mgr. W. K. Boone........... "
Supt. Elec. Dept. L. S. Kedney.... "
a. c. day cir. 2200 v; 1500 hp. turb. Pelton.
City cont. 150 arcs 2000 c. p. $165 per yr. 200 incs. 16 c. p. $18 per yr. all nt. (Co. also lts. Xico, Coatepec & Teocelo).
D L W X ✣ 46

**ORIZABA,** 34,000—*Compania de Luz Electrica y Fuerza Motriz de Orizaba S. A; cap. auth. $1,200,000.
Pres. Emilio Pinson..........Mexico City
Sec. Mgr. & Ch. Engr. Louis Matty "
Treas. Eduardo Garcin......Paris, France
Ch. Elecn. Gabriel Pachoud .......Orizaba
4 a. c. West. tot. 1750 kw. 6600-210-120 v. 3 ph. 60 cys; a.c. day cir. 6600-210-120 v; pwr. cir. 6600 v; 2600 hp. turb. Pelton Picard Pictex & Co.
City cont. 177 arcs. 6.5 amp. $96 (silver) per yr; 838 incs. 10 c. p. $3.60 per yr. (Co. also lts. Cordoba and Fortin).
D N W 3 ✣ 45

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*Compania Industrial de Orizaba. S. A. Office, 4a Calle San Augustin No. 94, Mexico City, D. F.; (gen. stas. at Rincon Grande, Cocolapam and Boqueron on River Blanco; trans. 10,000 v. 3 ph. 25 cys.) Cap. 15,000,000 pesos.
Pres. Justino Cron..........Mexico, Mex.
V. Pres. Mariano Allegre... " "
Sec. & Mgr.
Antonio Reynaud......... " "
¶ Pur. Agt. Rafael A. Rico. " "
Supt. Joseph Reynaud .........Rio Blanco
Ch. Engr. Eugenio Harvy..... "
Engr. Pwr. Sta.
Juan Sanckey Armoss..........Orizaba
RINCON GRANDE.
4 a. c. West. tot. 1500 kw. 440-220 v. 2 ph. 25 cys; 2200 hp. turb. (wtr.) Thos. Bell & Co.
BOQUERON.
1 a. c. Brown-Boveri 1150 kw. 10,500 v. 3 ph. 25 cys; 1500 hp. turb. (wtr.) Thos. Bell & Co.
COCOLAPAM.
2 a. c. West. tot. 900 kw. 440 v. 2 ph. 25 cys; 1200 hp. turb. (wtr.) Picard.
a. c. day & nt. ltg. cir. 110 v. 25 cys; a. c. day & nt. mo. cir. 440 v. 2 ph. 25 cys.
(Co. distributes in Rio Blanco (50 arcs, all nt.), Cocolapam, Lorenzo and Cerritos.)
D L W 2 3 ★36

**TEOCELO,** 5,000—Jalapa R. R. & Pwr. Co. See Jalapa.

**VERA CRUZ,** 24,085—Vera Cruz Elec. Lt. Pwr. & Trac. Co., Ltd. P. O. Box Apartado No. 112, Vera Cruz; cap. $2,000,000; bds. $1,150,000.
Chmn. Vincent York
43 W. Parliament St.,
Westminster, S. W., London, Eng.
Sec. J. H. McDonald....... " "
Mng. Dir. A. E. Worswick
Box 515, Mexico City
*Gen. Mgr. F. J. Miller.........Vera Cruz
Energy from the Orizaba Plant of Cia de Tranvias Luz y Fuerza de Puebla; 6 a. c. Siemens tot. 2100 kw. 2200 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 120 v. 60 cys; a. c. day & nt. mo. cir. 2200-200 v. 3 ph. 60 cys; 3500 hp. e. (oil) Deisel (standby plant.)
City cont. 475 arcs 7.5 amp. $85 per yr; oil.
D G R 3 ✣ 36

### YUCATAN.

**MERIDA,** 56,702—Siemens & Halske S. A. Planta Electrica de Merida Yucatan; Apartado 193, Calle 61. No. 441.
*Mgr. Pedro Schirp..................Merida
4 a. c. Siemens tot. 1256 kw. 500 v; mo. cir. 2200 v; 2200 hp. e.
City cont. 440 arcs.
L S X 28

**PROGRESSO,** 5,011—Cia Electro Motriz de Progresso; cap. $50,000.
*Proprietors, Aquado & Carbanell,
Progresso
Elecn. P. Nicoli.................. "
3 d.c. G. E. tot. 190 kw. 220 v; d. c. day & nt. ltg. & mo. cir. 220 v; 60 hp. e. (gas) Dudbridge.
City cont. 350 Mazdas 16 c. p. all nt; coal $15.
C D G L ✣ ★26

### ZACATECAS.

**ZACATECAS** 39,912—Compañia Electrica de Zacatecas, S. A. Apartado No. 80; cap. $450,000.
Pres. Antonio G. Garcia.......Zacatecas
V. Pres. Flavio Macias........ "
Sec. L. Ricardo Arteaga...Mexico, D. F.
Treas. Banco de.................Zacatecas
*Mgr. L. Cayetano Arteaga........ "
Cont. Agt. Antonio A. Cabral.. "
Ch. Engr. Fidencio Ramirez.... "
Engr. Pwr. Sta. Pablo Gleich... "
4 a. c. A. E. G. Berlin, tot. 1000 kw. 3000-220 v. 3 ph. 50 cys; 1 d. c. Oerlikon 150 kw. 600 v; 1 Paris 150 kw. 500 v. stor. bat; a. c. day & pwr. cir. 220-115 v; 650 hp. e. (gas) Koerting, Hanover.
City cont. 125 arcs; 6500 incs; all nt; coal.
C D G L 3 ✣ 35

# WEST INDIES.

## BARBADOS (Br.)
## 176,000.

**BRIDGETOWN,** 35,000—The Barbados Elec. Supply Corpn., Ltd. Cap. £60,000.
*Mgr. & Res. Engr.
W. C. Shettle...............Bridgetown
2 a. c. G. E. tot. 270 kw. 3300 v. 3 ph. 50 cys; a. c. day & nt. ltg. cir. 110 v; a. c. day & nt. mo. cir. 210 v. 3 ph. 50 cys; 400 hp. e. (oil) Diesel, Mirrless, Bickerton & Day Ltd.
City cont. 140 incs. Osram 100 & 200 c. p., 10 hrs; oil.
D G L 3 ✣ 45

## CUBA. 1,577,332.

**BATABANO,** 4,990—*Batabano Electric Plant.
Purchases energy from Havana Central R. R. Co.
L 25†

**BAYAMO,** 4,102 — The Bayamo Co. Apartado 57.
Pres. J. G. Haines....West Haven, Conn.
*V. Pres. & Mgr. R. G. Haines ..Bayamo
Sec. F. W. Campbell..West Haven, Conn.
Treas. G. F. Doeller...............Bayamo
Ch. Engr. Pwr. Sta.
Romualdo Maza................ "
2 a. c. West. C-W. tot. 150 kw. 2300 v. s. & 3 ph. 60 cys; a. c. nt. ltg. cir. 110 v; a. c. nt. mo. cir. 220 v. 3 ph. 60 cys; 220 hp. e. Fitchburg, H. S. & G; 320 hp. b. Bab. & W., York. Also 12-ton ice plant.
City cont; wood.
I L S 1 3 ★16

**AMAGUEY,** 30,000—The Camaguey
Co., Ltd. Main Office, Halifax, N. S.
Can. Operating office, 91, Estrada Palma
Camaguey. (Controls and operates Camaguey
Tramway, Ltd., Camaguey Elec.
Co., Ltd., and Camaguey Land Co., Ltd.);
cap. $1,000,000; bds. $586,173; 5 p. c. div.
res. Chas. Archibald......Halifax, N. S.
. Pres. W. B. Ross, K. C.. " "
ec. & Treas. F. H. Oxley " "
Mgr. W. H. Channon........Camaguey
Pur. Agt. Elecl. Engrg. & Purchasing Co., 115 Broadway,
New York, N. Y.
upt. C. Stuart Townshend....Camaguey
3 a. c. G. E. West. tot. 800 kw. 1100-1150
. 2 ph. 60 cys; 2 d. c. G. E. tot. 300 kw.
50 600 v; a. c. day & nt. ltg. cir. 115 v. 60
ys; a. c. mo. cir. 115-230 v. s. & 2 ph. 60
ys; 750 hp. e. B. & W; 500 kw. stm.
irb. West. Parsons; 960 hp. b. Bab. & W.
tir.
City cont. 30 arcs mult. enc. 6 amp.
150 per yr; 700 incs. 25 w. $18 per yr;
ll nt; coal $9; sawdust 20 cts. per ton.
C D R S 1 2 ✢ ★16

**IEGO DE AVILA,** 4,242—Compania
Central de Electricidad y Traccion.
Apartado 41; bds. $50,000; cost $150,000.
'res. M. P. Cadenas...............Havana
ec. D. Jaruez...................... "
Mgr. & Cont. Agt. M. A. Cadenas "
Gen. Supt. F. R. Joslin.......... "
h. Engr. Pwr. Sta.
Jose Perez Gonzalez............ "
2 a. c. G. E. tot. 250 kva. 2300 v. 3 ph. 60
ys; a. c. nt. ltg. cir. 110-220 v; a. c. nt. mo.
ir. 110-220 v. s. & 3 ph. 60 cys; 250 kw. e.
mes; 750 hp. b. Ames. Also 15-ton ice
lant.
City cont. 200 nitro. incs. 60 c. p. $36 per
r., all nt; coal $9.65.
I L S 1 3 ✢ §105

**UANABACO,** 14,368 — *Guanabaco
Ltg. Co.
Purchases energy from Havana Central
. R. Co.
L 25†

**UANAJAY,** 6,433—Havana Central
R. R. Co. See Havana.

**UINES,** 8,149—Havana Central R. R.
Co. See Havana.

**IAVANA,** 235,981 — Havana Central
R. R. Co. Central Station, Havana.
'res. Walter E. Ogilvie, 42 Broadway,
New York, N. Y.
st V. Pres. F. W. Baumann " "
ec. & Treas. H. Bellefeuille " "
Gen. Mgr. Robt. M. Orr.........Havana
ont. T. P. Mason............ "
upt. Mot. Pwr. Ben Johnson. "
h. Engr. Philip Hammond.. "
h. Elec. Engr. J. A. Thomson "
upt. Distrbn. R. S. Helvie... "
4 a. c. turbo-gen G. E. tot. 8500 kw. 2200
. 3 ph. 25 cys: a. c. nt. ltg. cir. 110 v. 62½
ys; a. c. day & nt. mo. cir. 220-370-600 v.
ph. 25 & 62½ cys; 4500 hp. b. Bab &
V., Munoz.
City cont. 155 series mult. arcs 6.6 amp;
235 carbon incs. 40 w; all nt; coal. (Co.
lso lts. Regla, Guanajay, Guines, Co-
orro, San Jose, Sta. Maria, del Rosario
nd Banta; also sells energy in bulk to
nited Rys., Havana Terminal R. R.,
Vestern Ry., Marianao Ltg. Co., Batabano
Elec. Plant and Guanabacoa Ltg.
o.)
D R S 3 ★16

---

Havana Elec. Ry. Lt. & Pwr. Co. P. O.
Box 570; cap. $30,000,000; bds. $19,000,-
00. (Consolidation by merger of the
Havana Elec. Ry. Co. and the Campania
le Gas & Electricidad de la Habana.)
perates in Havana and Marianao; power
sta. at Harbor, bet. Alambrique & Aguila
Sts.)
Pres. & Gen. Mgr. Frank Steinhart
Havana
V. Pres. David T. Davis
55 Liberty St., New York, N. Y.
Sec. & Treas. H. Kraemer
55 Liberty St., New York, N. Y.
¶Pur. Agt. A. C. McDonald......Havana
*Asst. Gen. Mgr. & Ch. Engr.
C. W. Ricker..................... "
Supt. Pwr. W. B. Flanders....... "
Elec. Engr. C. H. Sanderson..... "
Engr. Pwr. Sta. Robt. E. Nelson "
3 a. c. West. turbo.-gen. tot. 37,500
kw. 2200 v. 3 ph. 60 cys; trans. volt.
6,000-13,200 v; a. c. day & nt. ltg. cir. 115-
230 v. 60 cys; a.c. day & nt. mo. cir. 230 v.
3 ph. 60 cys; 14,400 hp. b. Bab. & W.
City cont. 1040 arcs a. c. series & mult.
& d. c. series; 69 incs. 500 w; all nt; coal.
D R S 3 ✢ 16

**MARIANAO,** 9,332—*Marianao Ltg. Co.
Purchases energy from Havana Central
R. R. Co.
L 25†

**MATANZAS,** 36,009 — Compania
Anonima Electrica Alemana Cubana.
*Gen. Mgr. D. M. Moya..........Matanzas
4 d. c. Siemens Schukert 440 & 550 v; d.
c. day & nt. ltg. cir. 220 & 440 v; gas e.
Otto Dentz; 700 kw-hrs. stor. bat.
City cont. 365 incs. Ed. 6 amp. $9.50 per
mo; all nt; coal $9.50. (Co. also lts.
Guanabana and Cardenas.)
C D G L ✢ §115

**NUEVITAS,** 4,386—Elec. Lt. Plant.
*Mgr. Eloy Rodriguez...........Nuevitas
L §12†

**REGLA,** 11,363—Havana Central R. R.
Co. See Havana.

**SAN JOSE de los LAJOS,** 3,024—
Havana Central R. R. Co. See Havana.

**SAGUA LA GRANDE** — Sagua la
Grande Elec. Lt. Plant.
*Owner, G. J. Romero...Sagua la Grande
Mgr. Juan Larado......... " "
3 d. c. Siemens G. E. tot. 440 kw. 140 v;
d. c. nt. cir; 150 hp. e. B. & W; 520 hp. gas
e. Otto; 540 hp. pro. Otto; 350 hp. b.
City cont. 15 incs. $144 per yr; 3000
Mazdas 25 w. $14 per yr; all nt; coal $10
(English anthracite).
C G L S ✢ 23

**SANTIAGO,** 43,090 — Cia Electrica de
Alumbrado Mannion y Traccion de
Santiago; Office, Hartman, 15; cap.
$2,000,000; bds. $2,500,000.
Pres. Jose Marimon
Banco Espanol, Havana
V. Pres. Jose Bosch..............Santiago
Sec. Armando Godoy
Banco Espanol, Havana
*Gen. Mgr. Emilio S. Godoy....Santiago
Audr. Eduardo Garay........... "
¶ Pur. Agt. Albert Ploachet.... "
Supt. Baldomaro Corona........ "
Ch. H. G. Fenton............ "
Engrs. Edo. Chibas............ "
5 a. c. G. E. tot. 2100 kw. 2300 v. 3 ph. 60
cys; 2 d. c. G. E. tot. 800 kw. 600 v; 2
synchronous mo.-gen. G. E. tot. 600 kw.
600 & 2300 v; a.c. day & nt. ltg. cir. 110 v.
60 cys; a. c. day & nt. mo. cir. 220 v. 3 ph.
60 cys; 1900 kw. e. Flem; 1000 kw. stm.
turb. Curtis, G. E; 3500 hp. b. Bab. & W.
City cont. 130 arcs enc. 450 w; 600 incs.
75 w: all nt; coal $6.75.
C D R S 2 3 ✢ 16

## JAMAICA (Br.)

**KINGSTON,** 80,000—The West India
Elec. Co., Ltd. Office, 151 Orange St.
(Hydro-elec. sta. Bog Walk; steam sta.
at Kingston.) (Operates Jamaica Lt. &

Pwr. Co., Ltd.); cap. $800,000; bds. $600,000.
Pres. Jas. Hutchison
Commercial Union Bldg. Montreal, Can.
V. Pres. G. J. Crowdy..... " "
*Sec. F. W. Williamson.. " "
Gen. Mgr. Walter H. Tittensor..Kingston
Audr. W. C. Cassidy............ "
Elecl. Engr. H. A. Campbell.... "
Engr. Pwr. Sta. A. A. McInnes.. "
3 a. c. G. E. tot. 900 kw. 500 v. 3 ph. 40 cys; 2 d. c. G. E. of Eng. tot. 500 kw; 750 hp. e. Belliss & Morcom, Ltd.; 700 hp. b. Bab. & W; 1350 hp. turb. (wtr.) Nil.
Coal $5. (Also does ltg. in St. Andrew.)
C R S W 3 ✣ ★16

### TRINIDAD (Br.)

**PORT-OF-SPAIN,** 20,000 — The Trinidad Elec. Co., Ltd. Office, Cor. Park and Frederick Sts; cap. $1,164,000; bds. issued $720,000; notes outstg. $36,500.
Pres. Hon. W. B. Ross
Keith Bldg., Halifax, N. S.
V. Pres. W. Gordon-Gordon..Port-of-Spain
*Sec. Fred H. Oxley..........Halifax, N. S.
Mgr. S. D. Harding.........Port-of-Spain
¶ Pur. Agt. Electrical Engineering & Purchasing Co., 115 Broadway
New York, N. Y.
Supt. Lester W. Collins....Port-of-Spain
Engr. Pwr. Sta.
Geo. S. Pollard........... "
3 d. c. G. E. tot. 650 kw. 550 v; 3 a. c. G. E. tot. 650 kw. 2200 v. s. ph. 60 cys; 3 d. c. G. E. tot. 650 kw. 500 v; 3 d. c. arc G. E. tot. 150 kw; a. c. day & nt. ltg. cir. 110 v; a. c. mo. cir. 110 v; d. c. mo. cir. 500 v; 2200 hp. e; 1000 hp. b. Bab. & W; also 50-ton ice plant.
City cont. 150 arcs enc. series 6.6 amp; 140 incs. series 6.6 amp; moonlt; coal.
C D I R S 1 ✣ 36

## REPUBLIC OF PANAMA

**COLON,** 13,726—Colon Elec. & Ice Supply Co.; cap. $240,000.
Pres. J. Gabriel Duque..........Panama
V. Pres. E. T. Lepvoc............ "
Sec. & Treas. I. L. Toledano........Colon
Mgr. M. A. DeLeon..., ............ "
*¶ Pur. Agts. M. A. DeLeon & Co.
24 State St., New York, N.Y.
Engr. Pwr. Sta. C. L. McMurray....Colon
3 a. c. West. tot. 300 kw. 1100-220-110 v. 2 ph. 60 cys; 4 c. c. transf. Westg. tot. 175 lt; no day cir; 500 hp. e. Westg; 700 hp. b. Heine.
City cont. 89 arcs series Westg. 6.6 amp. $180 per yr; 2300 incs. 16 c. p. $21 per yr; all nt; coal $7.
L S 2 82

**PANAMA,** 28,563 — Panama-American Corpn.; cap. outstg. $500,000.
*Pres. Isaac Brandon,
17 Battery Pl., New York, N.Y.
V. Pres. Manuel Espinosa B.....Panama
Sec. & Treas. Nathaniel Brandon
17 Battery Pl., New York, N. Y.
Mgr. L. F. Joerissen.............Panama
¶Pur. Agt. Isaac Brandon & Bros.,
17 Battery Place, New York, N.Y.
Ch. Engr. Pwr. Sta.
J. M. Petrie....................Panama
Engr. Pwr. Sta. W. Knight ..... "
4 a. c. G. E, Allis-C. total 2690 kva. 2300 v. 3 ph. 60 cys; a. c. day & nt. ltg. cir. 115 v; a. c. day & nt. mo. cir. 115-230 v. s. & 3 ph. 60 cys; 840 hp. e. Mc I. & S; 2000 kw. stm. turb. G. E; 1200 hp. b. Heine; also 2-50 ton ice machines.
City cont. G. E. & A. B. a. c. enc. arcs; all nt; oil.
D I L S 1 3 ✣ ★16

## BRITISH GUIANA

**GEORGETOWN**—The Demerara Elec. Co., Ltd.; cap. $425,000; bds. $500,000.
Pres. Hon. W. B. Ross, K. C.
Halifax, N. S.
*Sec. & Treas. F. H. Oxley. " "
Mgr. W. B. Gray.............Georgetown
¶ Pur. Agt. Electrical Engineering & Purchasing Co., 115 Broadway,
New York, N.Y.
Supt. V. L. Munnis..........Georgetown
Engr. Pwr. Sta.
J. C. DeLackalom.......... "
5 a. c. G. E. Brush tot. 940 kw. 1100 v. s. ph. 125 cys; 2 d. c. G. E. Brush tot. 400 kw. 550-600 v; 3 transf. G. E. West. tot. 192 kw; a. c. day & nt. ltg. cir. 104 v. 125 cys; a. c. mo. cir. 104 v. s. ph. 125 cys; d. c. mo. cir. 500 v; 800 hp. e. McI. & S; 1000 hp. stm. turb. Brush; 1225 hp. b. Bab. & W.
City cont. 217 enc. arcs; 147 series incs. 25 c. p; moonlt.
C D L S 1 ✣ ★36

# SUMMARY OF CENTRAL STATIONS REPORTED IN THIS ISSUE, BY STATES.

| STATE. | Total number of cos. incl. Munic Systems | Number of new in this issue. | Number of cos. generating. | Number of cos. purchasing energy. | Number of Munic. Ltg. Systems. | Number of Munic. Systems purchasing energy. | Number carrying electrical supplies. | Number having day service. |
|---|---|---|---|---|---|---|---|---|
| Alabama...... | 67 | 2 | 65 | 2 | 33 | 1 | 40 | 40 |
| Alaska ........ | 9 | 0 | 9 | 0 | 0 | 0 | 9 | 7 |
| Arizona........ | 22 | 2 | 19 | 3 | 1 | 0 | 15 | 16 |
| Arkansas....... | 71 | 6 | 70 | 1 | 18 | 0 | 47 | 47 |
| California...... | 94 | 2 | 61 | 33 | 18 | 9 | 45 | 70 |
| Colorado....... | 67 | 2 | 54 | 13 | 10 | 1 | 47 | 49 |
| Connecticut.... | 40 | 0 | 31 | 9 | 6 | 2 | 20 | 81 |
| Delaware....... | 12 | 1 | 10 | 2 | 6 | 0 | 5 | 4 |
| District of Columbia.. | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 2 |
| Florida......... | 65 | 2 | 61 | 4 | 20 | 1 | 37 | 40 |
| Georgia... ..... | 125 | 3 | 116 | 9 | 78 | 8 | 59 | 68 |
| Hawaii......... | 4 | 0 | 4 | 0 | 0 | 0 | 2 | 3 |
| Idaho......... . | 33 | 1 | 28 | 5 | 3 | 2 | 21 | 24 |
| Illinois......... | 227 | 8 | 195 | 32 | 87 | 7 | 128 | 146 |
| Indiana......... | 196 | 3 | 161 | 35 | 71 | 10 | 107 | 139 |
| Iowa........... | 225 | 10 | 188 | 37 | 71 | 6 | 174 | 190 |
| Kansas......... | 168 | 7 | 150 | 18 | 94 | 15 | 98 | 123 |
| Kentucky.... .. | 86 | 1 | 79 | 7 | 17 | 2 | 58 | 46 |
| Louisiana...... | 52 | 0 | 51 | 1 | 24 | 0 | 82 | 35 |
| Maine.......... | 82 | 6 | 70 | 12 | 5 | 0 | 45 | 51 |
| Maryland...... | 45 | 5 | 40 | 5 | 8 | 1 | 28 | 22 |
| Massachusetts. | 120 | 2 | 88 | 32 | 34 | 15 | 43 | 93 |
| Michigan.... ... | 209 | 1 | 202 | 7 | 97 | 3 | 137 | 140 |
| Minnesota...... | 191 | 20 | 170 | 21 | 106 | 10 | 138 | 134 |
| Mississippi..... | 75 | 0 | 75 | 0 | 40 | 0 | 47 | 43 |
| Missouri........ | 183 | 3 | 168 | 15 | 67 | 3 | 115 | 114 |
| Montana....... | 39 | 3 | 36 | 3 | 3 | 0 | 23 | 20 |
| Nebraska....... | 173 | 30 | 160 | 13 | 77 | 6 | 108 | 109 |
| Nevada......... | 9 | 0 | 8 | 1 | 1 | 1 | 4 | 8 |
| NewHampshire | 57 | 1 | 47 | 10 | 2 | 0 | 25 | 31 |
| New Jersey.... | 62 | 3 | 54 | 8 | 12 | 1 | 31 | 42 |
| New Mexico.... | 24 | 1 | 23 | 1 | 3 | 0 | 18 | 18 |
| New York...... | 319 | 6 | 251 | 68 | 51 | 9 | 162 | 217 |
| North Carolina | 97 | 1 | 75 | 22 | 48 | 12 | 47 | 63 |
| North Dakota. | 54 | 6 | 54 | 0 | 13 | 0 | 41 | 32 |
| Ohio........... | 269 | 5 | 224 | 45 | 114 | 16 | 120 | 171 |
| Oklahoma .... | 121 | 2 | 118 | 3 | 57 | 1 | 75 | 99 |
| Oregon........ | 56 | 3 | 52 | 4 | 10 | 1 | 39 | 40 |
| Pennsylvania... | 257 | 5 | 211 | 46 | 38 | 2 | 123 | 186 |
| Philippine Islds | 4 | 0 | 4 | 0 | 0 | 0 | 4 | 2 |
| Porto Rico..... | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 2 |
| Rhode Island... | 11 | 1 | 5 | 6 | 2 | 2 | 4 | 10 |
| South Carolina | 61 | 2 | 56 | 5 | 22 | 5 | 32 | 36 |
| South Dakota.. | 76 | 3 | 73 | 3 | 17 | 0 | 60 | 56 |
| Tennessee...... | 82 | 1 | 76 | 6 | 29 | 1 | 53 | 54 |
| Texas.......... | 220 | 10 | 208 | 12 | 17 | 2 | 167 | 155 |
| Utah........... | 34 | 1 | 28 | 6 | 17 | 3 | 15 | 26 |
| Vermont....... | 59 | 2 | 48 | 11 | 13 | 2 | 37 | 40 |
| Virginia........ | 76 | 9 | 70 | 6 | 17 | 2 | 38 | 43 |
| Washington.... | 72 | 1 | 60 | 12 | 9 | 5 | 45 | 48 |
| West Virginia. | 51 | 2 | 46 | 8 | 6 | 0 | 25 | 32 |
| Wisconsin...... | 253 | 5 | 223 | 30 | 85 | 8 | 157 | 170 |
| Wyoming.. .... | 26 | 0 | 25 | 1 | 3 | 0 | 17 | 15 |
|  | 5,038 | 191 | 4,404 | 634 | 1,580 | 175 | 2,970 | 3,402 |
| Canada......... | 439 | 5 | 337 | 102 | 210 | 77 | 225 | 226 |
| Mexico......... | 53 | 0 | 52 | 1 | 1 | 0 | 34 | 39 |
| West Indies. .. | 15 | 3 | 12 | 3 | 0 | 0 | 9 | 7 |
| Rep. of Panama | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 1 |
| British Guiana | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| Total...... | 5,548 | 199 | 4,808 | 740 | 1,791 | 252 | 3,240 | 3,676 |

| | |
|---|---|
| Number having only D. C. Circuit.......................... | 760 |
| Number having only A. C. Circuit.......................... | 4,149 |
| Number having both D. C. and A. C. Circuit................ | 639 |
| Number supplying Steam for Heating........................ | 267 |
| Number reporting Manufacture of Ice....................... | 320 |
| Number of Hydro-Electric Plants, in whole or in part....... | 1,509 |

# State Commissions Having Jurisdiction Over Electric Light and Power Utilities

## ALABAMA

No State regulation.

## ALASKA

No Territorial regulation.

## ARIZONA

**Arizona Corporation Commission,
Phoenix, Ariz.**

| | |
|---|---|
| Chairman, | F. A. Jones |
| Commissioner, | A. W. Cole |
| Commissioner, | W. P. Geary |
| Rate Expert, | A. A. Betts |
| *Secretary and Auditor | W. N. Sangster |
| Supt. of Insurance, | C. C. Thompson |
| Engineer, | Ben Ferguson |

Has full power over classifications, charges, rates, rules, regulations, orders, forms of contracts and accounts. Valuation compulsory in rate cases.

## ARKANSAS

**Arkansas Tax Commission,
Little Rock, Ark.**

| | |
|---|---|
| *Chairman, | F. E. Brown |
| Commissioner, | R. G. Dye |
| Commissioner, | A. C. Martineau |

Has assessing power and is a state board of equalization.

## CALIFORNIA

**State Railroad Commission,
Commercial Bldg., 833 Market Street, San Francisco, Cal.**

| | |
|---|---|
| President, | Max Thelen |
| Commissioner, | Edwin O. Edgerton |
| Commissioner, | Harvey D. Loveland |
| Commissioner, | Frank R. Devlin |
| Commissioner, | Alex Gordon |
| *Secretary, | Chas. R. Detrick |
| Rate Expert | W. P. Geary |
| Chief Engineer, | R. Sachse |
| Auditor, | L. R. Reynolds |
| Attorney, | Douglas Brookman |
| Bond Expert, | P. A. Sinsheimer |

Has jurisdiction in all matters including capitalization, accounts, rates and service. Valuations optional.

## CANADA

**Manitoba Public Utilities Commission, 201 Tribune Bldg., Winnipeg.**

| | |
|---|---|
| Commissioner, | H. A. Robson |
| *Engineer | George L. Guy |
| Gas Expert | Hugh McNair |
| Secretary | A. Wilson-Smith |

Has jurisdiction over capitalization, operating expenses and revenue.

## COLORADO

**Public Utilities Commission of the State of Colorado,
State Capitol, Denver, Col.**

| | |
|---|---|
| Chairman, | M. H. Aylesworth |
| Commissioner, | Geo. T. Bradley |

| | |
|---|---|
| Commissioner, | S. S. Kendall |
| *Secretary | George F. Oxley |

Has jurisdiction over rates, service, accounts, standards, meters, etc. Valuations optional.

## CONNECTICUT

### Public Utilities Commission, Hartford, Conn.

| | |
|---|---|
| Chairman, | Richard T. Higgins |
| Commissioner, | John H. Hale |
| Commissioner, | Charles C. Elwell |
| *Secretary, | Henry F. Billings |

May order such reasonable repairs or alterations in the plant or equipment or such changes in the manner of operation as may be reasonably necessary for public safety or for the health or safety of the employes.

Has power to fix the initial efficiency of electric lamps furnished by electric companies and to investigate and make orders regarding the voltage at which electricity shall be distributed.

Has jurisdiction over meters, rates, regulations and service.

## DELAWARE

No State regulation.

## FLORIDA

No State regulation.

## GEORGIA

### Railroad Commission of Georgia, State Capitol, Atlanta, Ga.

| | |
|---|---|
| Chairman, | C. M. Candler |
| Vice Chairman, | George Hillyer |
| Commissioner, | Joseph F. Gray |
| Commissioner, | P. B. Trammell |
| Commissioner, | J. A. Perry |
| *Secretary | Campbell Wallace |
| Rate Expert, | J. P. Webster |
| Attorney, | Jas. K. Hines |

Has jurisdiction over capitalization, accounts, rates, service and operation. Valuations optional.

## IDAHO

### Idaho Public Utilities Commission, Boise, Idaho.

| | |
|---|---|
| President, | A. P. Ramstedt |
| Commissioner, | John W. Graham |
| Commissioner, | A. L. Freehafer |
| *Secretary, | E. G. Gallett |

Has jurisdiction over everything in connection with operations, service, financial condition except issuance of stocks and bonds. Valuations optional.

## ILLINOIS

### State Public Utilities Commission of Illinois, Springfield, Ill.

| | |
|---|---|
| Chairman, | Wm. L. O'Connell |
| Commissioner, | Owen P. Thompson |
| Commissioner, | Walter A. Shaw |
| Commissioner, | Richard Yates |
| Commissioner, | Frank H. Funk |
| *Secretary, | R. V. Prather |
| Assistant Secretary, | G. E. Doying |
| Counsel, | Everett Jennings |
| Chief Engineer, | J. H. Prior |
| Chief Accountant and Statistician, | M. J. Murphy |
| Acting Transportation Rate Expert, | J. H. Kane |

Has jurisdiction over general conditions, franchises, capitalization, rates, operation and service. Valuations optional.

## INDIANA

**Public Service Commission of Indiana,**
**State House, Indianapolis, Ind.**

| | |
|---|---|
| Chairman, | Thomas Duncan |
| Commissioner, | Chas. J. Murphy |
| Commissioner, | Jas. L. Clark |
| Commissioner, | Chas. A. Edwards |
| Commissioner, | John F. McClure |
| *Secretary, | J. L. Reiley |
| Clerk, | Chas. Stewart |

Has jurisdiction over service and charges, repairs and changes, accounts, rates, meters, issuance of stocks and bonds, protection from competition and franchise. Valuations compulsory.

## IOWA

**Iowa Railroad Commission,**
**Des Moines, Iowa.**

| | |
|---|---|
| Chairman, | Clifford Thorne |
| Commissioner, | James H. Wilson |
| Commissioner, | John A. Guiher |
| *Secretary, | George L. McCaughan |
| Chief Rate Clerk, | A. D. Beals |
| Chief Clerk, | W. H. Henry |
| Statistician, | Wayne P. Ellis |
| Commerce Counsel, | J. H. Henderson |
| Asst. Commerce Counsel, | Dwight N. Lewis |

Has limited jurisdiction over transmission lines where franchise is applied for under provision of ch. 17th acts 35th G.A.

## KANSAS

**Public Utilities Commission of the State of Kansas,**
**State House, Topeka, Kansas.**

| | |
|---|---|
| Chairman, | Joseph L. Bristow |
| Commissioner, | John M. Kinkel |
| Commissioner, | C. F. Foley |
| Commerce Counsel, | A. E. Helm |
| Attorney, | H. O. Caster |
| Engineer, | T. J. Strickler |
| *Secretary, | Carl W. Moore |
| Accountant, | M. A. Chambers |

Has jurisdiction over capitalization, accounts, rates, service and protection from competition. Regulation is by appeal from authority of municipalities. Valuations optional.

## KENTUCKY

**Board of Assessment and Valuation,**
**Frankfort, Ky.**

| | |
|---|---|
| Auditor of Public Accounts, | Robt. L. Greene |
| Secretary of State, | Jas. P. Lewis |
| *State Treasurer, | Sherman Goodpaster |

Has power to fix tax assessments only.

## LOUISIANA

No State regulation.

## MAINE

**Public Utilities Commission,**
**Augusta, Maine.**

| | |
|---|---|
| Chairman, | Benjamin F. Cleaves |
| Commissioner, | William B. Skelton |
| Commissioner, | Charles N. Mullen |
| *Clerk, | Geo. F. Giddings |
| Assistant Clerk, | Roy F. Leach |
| Chief Engineer, | Paul L. Bean |
| Asst. to Engineer | Irving O. Stone |
| Asst. Engineer, | George C. Danforth |
| Chief Inspector, | Wm. M. Brown |
| Chief Accountant, | Ralph A. Parker |
| Auditor, | George A. Colburn |

Has jurisdiction over rates, accounts, protection from competition, capitalization and service. Valuations optional.

## MARYLAND

**Public Service Commission,**
**Munsey Bldg., Baltimore, Md.**

| | |
|---|---|
| Chairman, | Albert G. Towers |
| Commissioner, | E. Clay Timanus |
| Commissioner, | W. Laird Henry |
| *Secretary, | B. T. Fendall |
| General Counsel, | W. Cabell Bruce |
| Asst. General Counsel, | Osborne I. Yellott |
| Auditor, | John A. Tompkins |
| Chief Engineer, | Charles E. Phelps |
| Transportation Expert, | Bruce W. Duer |
| Rate Expert, | Frank Harper |

Has jurisdiction over service, charges, rates, initial efficiency of lamps, accounts, meters, construction, franchises and capitalization. Valuations optional.

## MASSACHUSETTS

**Public Service Commission,**
**1 Beacon Street, Boston, Mass.**

| | |
|---|---|
| Chairman, | Frederick J. Macleod |
| Commissioner, | Everett E. Stone |
| Commissioner, | John F. Meaney |
| Commissioner, | Joseph B. Eastman |
| Commissioner, | Charles A. Russell |
| *Secretary, | Andrew A. Highlands |
| Engineer, | Henry N. Hayes |
| Chief of Rate and Traffic Bureau, | C. Peter Clark |
| Chief of Inspection Dept., | George W. Bishop |

Has jurisdiction over capitalization, accounts, rates, service and protection from competition.

## MICHIGAN

**Michigan Railroad Commission,**
**Lansing, Mich.**

| | |
|---|---|
| Chairman, | Lawon T. Hemans |
| Commissioner, | C. L. Glasgow |
| Commissioner, | C. S. Cunningham |
| *Secretary, | W. N. Sweeney |

Has jurisdiction over capitalization and rates.

## MINNESOTA

No State regulation.

## MISSISSIPPI

No State regulation.

## MISSOURI

**Missouri Public Service Commission,**
**Jefferson City, Mo.**

| | |
|---|---|
| Chairman, | John M. Atkinson |
| Commissioner, | John Kennish |
| Commissioner, | Howard B. Shaw |
| Commissioner, | Edwin J. Bean |
| Commissioner, | Eugene McQuillin |
| General Counsel, | William G. Busby |
| Asst. to General Counsel, | A. Z. Patterson |
| *Secretary, | T. M. Bradbury |

Has jurisdiction over service, rates, meters, franchise, capitalization, charges and accounts. Valuations optional.

## MONTANA

**Public Service Commission of the State of Montana,**
**Helena, Mont.**

| | |
|---|---|
| Chairman, | J. H. Hall |
| Commissioner, | E. A. Morley |
| Commissioner, | J. E. McCormick |
| *Secretary, | W. B. Rhoades |
| Auditor, | F. E. Hoss |
| Engineer, | W. B. Saunders |

Has jurisdiction over accounts, rates and service. Valuations optional.

## NEBRASKA

**Nebraska State Railway Commission,
Lincoln, Neb.**

| | |
|---|---|
| Chairman, | Henry T. Clarke, Jr. |
| Commissioner, | Thomas L. Hall |
| Commissioner, | H. G. Taylor |
| *Secretary, | A. B. Allen |
| Rate Expert, | U. G. Powell |
| Engineer, | B. E. Forbes |

Has jurisdiction over transmission lines and issuance of securities.

## NEVADA

**Public Service Commission of Nevada,
Carson City, Nevada.**

| | |
|---|---|
| Chief Commissioner, | H. F. Bartine |
| First Associate Commissioner, | J. F. Shaughnessy |
| Second Associate Commissioner, | W. H. Simmons |
| *Secretary, | E. H. Walker |
| Chief Engineer, | W. K. Freudenberger |

Has jurisdiction over rates, service, accounts and operation.

## NEW HAMPSHIRE

**Public Service Commission of New Hampshire,
Concord, New Hampshire.**

| | |
|---|---|
| Chairman, | Edward C. Niles |
| Commissioner, | William T. Gunnison |
| Commissioner, | Thomas W. D. Worthen |
| *Clerk, | Walter H. Timm |
| Chief Engineer, | John W. Storrs |
| Asst. Engineer, | Stuart A. Nims |

Has jurisdiction over service and equipment, rates, security issues, transfers, extensions and accounts.

## NEW JERSEY

**Board of Public Utility Commissioners,
Trenton, N. J.**

| | |
|---|---|
| President, | Ralph W. E. Donges |
| Commissioner, | John J. Tracy |
| Commissioner, | John W. Slocum |
| *Secretary, | A. N. Barber |

Has jurisdiction over capitalization, accounts, rates, protection from competition and service. Valuations optional.

## NEW MEXICO

No State regulation.

## NEW YORK

**Public Service Commission, First District (For Greater New York)
154 Nassau Street, New York, N. Y.**

| | |
|---|---|
| Chairman, | Oscar S. Straus |
| Commissioner, | ——— ——— |
| Commissioner, | J. Sergeant Cram |
| Commissioner, | William Hayward |
| Commissioner, | Henry W. Hodge |
| Counsel, | Geo. S. Coleman |
| *Secretary, | Travis H. Whitney |
| Chief Engineer, | Alfred Craven |
| Electrical Engineer, | C. W. Wilder |

**Public Service Commission, Second District,
(Everything operating outside of Greater New York)
58 North Pearl Street, Albany, N. Y.**

| | |
|---|---|
| Chairman, | Seymour Van Santvoord |
| Commissioner, | Devoe P. Hodson |
| Commissioner, | Wm. Temple Emmet |
| Commissioner, | Frank Irvine |

| | |
|---|---|
| Commissioner, | James O. Carr |
| *Secretary, | Francis X. Disney |
| Counsel, | Ledyard P. Hale |
| Chief Engineer Division Light, Heat & Power, | Edward McGuire |
| Asst. Chief Engineer, | Edward J. Cheney |

Has jurisdiction over issuance of securities, meters, accounts, rates, service and operation. Valuations optional.

## NORTH CAROLINA

**North Carolina Corporation Commission,**
**Raleigh, No. Carolina.**

| | |
|---|---|
| Chairman, | E. L. Travis |
| Commissioner, | W. T. Lee |
| Commissioner, | Geo. P. Pell |
| *Clerk, | A. J. Maxwell |

Has jurisdiction over rates, charges, accounts and service. Valuations optional.

## NORTH DAKOTA

**Board of Railroad Commissioners,**
**Bismarck, No. Dakota.**

| | |
|---|---|
| President, | W. H. Stutsman |
| Commissioner, | O. P. N. Anderson |
| Commissioner, | W. H. Mann |
| *Secretary, | W. F. Cushing |
| Rate Expert, | J. A. Little |
| Chief Clerk, | H. R. Clough |
| Reporter, | C. H. Olsen |
| Examiner, | F. M. Schulz |

Has jurisdiction over rates.

## OHIO

**The Public Utilities Commission of Ohio,**
**6th Floor New First National Bank, Columbus, O.**

| | |
|---|---|
| Chairman, | Beecher W. Waltermire |
| Commissioner, | Lawrence K. Langdon |
| Commissioner, | Louis M. Day |
| *Secretary, | D. H. Armstrong |
| Attorney, | Freeman T. Eagleson |
| Asst. Secretary, | D. S. Archer |
| Electrical Expert, | L. G. White |

Has general supervision including security issue, regulatory powers over rates, service and accounts. Valuations compulsory.

## OKLAHOMA

**Corporation Commission of Oklahoma,**
**Oklahoma City, Okla.**

| | |
|---|---|
| Chairman, | J. E. Love |
| Commissioner, | W. D. Humphrey |
| Commissioner, | George A. Henshaw |
| *Secretary, | J. H. Hyde |
| Rate Expert, | L. Bennett |
| Engineer, | A. I. Thompson |
| Auditor, | J. M. Gayle |

Has jurisdiction over rate and service. Valuation optional.

## OREGON

**Public Service Commission of Oregon,**
**Salem, Oregon.**

| | |
|---|---|
| Chairman, | Clyde B. Aitchison |
| Commissioner, | Frank J. Miller |
| Commissioner, | Thomas K. Campbell |
| *Secretary, | Hylen H. Corey |

Has jurisdiction over service and rates. Valuations compulsory.

## PENNSYLVANIA

**Public Service Commission of Pennsylvania,**
**Harrisburg, Pa.**

| | |
|---|---|
| Chairman, | W. D. B. Ainey |
| Commissioner, | Samuel W. Pennypacker |
| Commissioner, | John S. Rilling |

| | |
|---|---|
| Commissioner, | William A. Magee |
| Commissioner, | Milton J. Brecht |
| Commissioner, | John Monaghan |
| Commisioner, | Michael J. Ryan |
| *Secretary, | Archibald B. Miller |
| Counsel, | William M. Trinkle |
| Asst. Counsel, | Berne H. Evans |
| Investigator of Accidents, | John P. Dohoney |
| Chief, Bureau of Engineering, | E. Herbert Snow |
| Chief, Bureau of Rates and Tariffs, | George P. Wilson |
| Chief, Bureau of Accounts and Statistics, | Coleman J. Joyce |

Has jurisdiction over capitalization, accounts, rates, service, rules and regulations. Valuation optional.

## PORTO RICO

**Executive Council, Committee on Franchises and Public Service Corporations,**
**San Juan, Porto Rico.**

| | |
|---|---|
| Chairman of Committee, | Manuel V. Domenech |
| *Secretary and Executive Officer, | Elton Warner |

The Executive Council has power to grant franchises, privileges and concessions. The Committee on Franchises and Public Service Corporations has jurisdiction over rates, rules and regulations, service and protection from competition.

## RHODE ISLAND

**Public Utilities Commission,**
**121 State House, Providence, R. I.**

| | |
|---|---|
| Chairman, | William C. Bliss |
| Commissioner, | Robert F. Rodman |
| Commissioner, | Samuel E. Hudson |
| *Secretary, | John W. Rowe |
| Gas Engineer, | Edmund Cathels |
| Special Agent, | George A. Carmichael |

Has jurisdiction over rates and service.

## SOUTH CAROLINA

**Public Service Commission,**
**Clemson College, So. Carolina.**

| | |
|---|---|
| Chairman, | W. M. Riggs |
| *Commissioner, | J. E. McDonald |
| Commissioner, | T. M. Roser |

Has jurisdiction over rates.

## SOUTH DAKOTA

No State regulation.

## TENNESSEE

No State regulation.

## TEXAS

No State regulation.

## UTAH

No State regulation.

## VERMONT

**Vermont Public Service Commission,**
**Brattleboro, Vt.**

| | |
|---|---|
| Chairman, | Robert C. Bacon |
| Commissioner, | William R. Warner |
| Commissioner, | Walter A. Dutton |
| *Clerk, | Neil D. Clawson |

Has jurisdiction over rates, capitalization and service.

## WASHINGTON

**The Public Service Commission of Washington,**
**Olympia, Wash.**

| | |
|---|---|
| Chairman, | C. A. Reynolds |
| Commissioner, | A. A. Lewis |

| | |
|---|---|
| Commissioner, | F. R. Spinning |
| *Secretary, | J. H. Brown |
| Statistician, | O. O. Calderhead |
| Engineer, | T. E. Phipps |
| Asst. Attorney General, | Scott Z. Henderson |

Has jurisdiction over rates, service and accounts. Valuations compulsory.

## WEST VIRGINIA

**The Public Service Commission of West Virginia, Charleston, W. Va.**

| | |
|---|---|
| Chairman, | Elliott Northcott |
| Commissioner, | Wm. M. O. Dawson |
| Commissioner, | E. F. Morgan |
| *Secretary, | R. B. Bernheim |

Has jurisdiction over rates, meters, charges and accounts. Valuations compulsory.

## WISCONSIN

**Railroad Commission of Wisconsin, Madison, Wis.**

| | |
|---|---|
| Chairman, | Halford Erickson |
| Commissioner, | Carl D. Jackson |
| Commissioner, | Walter Alexander |
| *Secretary, | Harold L. Geisse |
| Engineer, | C. M. Larson |
| Public Utilities Statistician, | George C. Mathews |
| Railroad Div. Statistician | Cecil E. Schreiber |
| Tariff Expert, | John Hogan |

Has jurisdiction over rates, service, securities, accounts, competition, and extensions. Valuations compulsory.

## WYOMING

**Public Service Commission of the State of Wyoming, Cheyenne, Wyo.**

| | |
|---|---|
| Chairman, | John B. Kendrick |
| Vice Chairman, | Robert B. Forsyth |
| Member, | Herman B. Gates |
| *Secretary, | H. A. Floyd |

Has jurisdiction over rates, service and competition. Valuations optional.

# Directory of Electrical Associations

Alabama Light and Traction Association. Secretary-treasurer, J. P. Ross, Birmingham Ry. Lt. & Pwr. Co., Birmingham, Ala.

American Association for the Advancement of Science. Permanent secretary, L. O. Howard, Smithsonian Institution, Washington, D. C.

American Association of Engineers. Secretary, Arthur Kneisel, 29 So. La Salle St., Chicago, Ill.

American Electric Railway Association. Secretary, E. B. Burritt, 8 W. 40th St., New York.

American Electrochemical Society. Secretary, Prof. J. W. Richards, Lehigh University, South Bethlehem, Pa.

American Institute of Consulting Engineers. Secretary, F. A. Molitor, 35 Nassau St., New York.

American Institute of Electrical Engineers. Secretary, F. L. Hutchinson, 33 West 39th St., New York. Board of directors meets monthly. Sections and branches in the principal electrical centers throughout the country.

American Physical Society. Secretary, Prof. A. D. Cole, Ohio State University, Columbus, Ohio.

American Society of Heating and Ventilating Engineers. Secretary, Edwin A. Scott, 29 W. 39th St., New York.

American Society for Testing Materials. Secretary-treasurer, Edgar Marburg, University of Pennsylvania, Philadelphia, Pa.

Arkansas Association of Public Utility Operators. Secretary, Roy B. Fowles, Pine Bluff, Ark. Convention, June 6-8.

Associated Manufacturers of Electrical Supplies. General Secretary, C. E. Dustin, 62 Cedar St., New York.

Association of Edison Illuminating Companies. Secretary, George C. Holberton, San Francisco, Cal.

Association of Iron and Steel Electrical Engineers. Secretary, W. O. Oschmann, Oliver Iron & Steel Co., Pittsburg, Pa. Annual convention, Chicago, Ill., Sept. 18-22.

Association of Railway Electrical Engineers. Secretary-treasurer, Jos. A. Andreucetti, Chicago & Northwestern Railway, Chicago, Ill.

Association of Railway Telegraph Superintendents. Secretary, P. W. Drew, 112 West Adams St., Chicago, Ill.

Canadian Electrical Association. Affiliated with N. E. L. A. Secretary-treasurer, Alan Sullivan, Excelsior Life Bldg., Toronto, Can.

Colorado Electric Light, Power and Railway Association. Secretary-treasurer, T. F. Kennedy, 900 15th St., Denver, Col.

Commercial Section, N. E. L. A. Secretary, C. A. Littlefield, 130 East 15th St., New York.

Eastern New York Section, N. E. L. A. Secretary, J. E. Kearns, General Electric Co., Schenectady, N. Y.

Electric Power Club. Secretary, C. H. Roth, 1410 West Adams St., Chicago, Ill.

Electric Vehicle Association of America. Affiliated with the N. E. L. A. Secretary, A. Jackson Marshall, 29 West 39th St., New York.

Electrical Contractors' Association of Arkansas. Secretary, J. C. Dice, Little Rock.

Electrical Contractors' Association of California. Secretary, Jas. W. Redpath, 505 Rialto Bldg., San Francisco.

Electrical Contractors' Association of Connecticut. Secretary, George M. Chapman, 43 E. Main St., Waterbury.

Electrical Contractors' Association of Georgia. Secretary, J. A. Wier, Athens.

Electrical Contractors' Association of Illinois. Secretary, E. J. Burns, Electric Bldg., Rock Island.

Electrical Contractors' Association of Indiana. Secretary, Geo. L. Skillman, 29 S. Capitol Ave., Indianapolis.

Electrical Contractors' Association of Iowa. Secretary, M. T. Humphrey, 403 W. 4th St., Waterloo.

Electrical Contractors' Association of Kansas. Secretary, R. M. Sutton, 123 No. Market St., Wichita.

Electrical Contractors' Association of Kentucky. Secretary, F. F. Valinoti, 514 W. Main St., Louisville.

Electrical Contractors' Association of Louisiana. Secretary, J. J. Ziegler, 227 Bourbon St., New Orleans.

Electrical Contractors' Association of Massachusetts. Secretary, Henry D. Temple, 30 Foster St., Worcester.

Electrical Contractors' Association of Michigan. Secretary, F. W. Woolrich, 47 Park Place, West Detroit.

Electrical Contractors' Association of Minnesota. Secretary, G. M. Jones, 14 Seventh St., No. Minneapolis.

Electrical Contractors' Association of Missouri. Secretary, A. J. Burns, 318 W. 10th St., Kansas City.

Electrical Contractors' Association of Nebraska. Secretary, Israel Lovett, 2102 Lothrop St., Omaha.

Electrical Contractors' Association of New Jersey. Secretary, J. Van Dyke, 812 Cookman Ave., Asbury Park.

Electrical Contractors' Association of New York. Secretary, Geo. W. Russell, Jr., 444 Columbus Ave., New York.

Electrical Contractors' Association of Ohio. Secretary, M. G. Buchan, 407 Columbia Bldg., Cleveland.

Electrical Contractors' Association of Oregon. Secretary, J. W. Oberender, 502 Dekum Bldg., Portland.

Electrical Contractors' Association of Pennsylvania. Secretary, M. G. Sellers, 1518 Sansom St., Philadelphia.

Electrical Contractors' Association of Rhode Island. Secretary, Chapin T. Arnold, 52 Wood St., Providence.

Electrical Contractors' Association of Tennessee. Secretary, J. A. Fowler, East Side Court Square, Memphis.

Electrical Contractors' Association of Texas. Secretary, Chas. W. Graham, 509 Scollard Bldg., Dallas.

Electrical Contractors' Association of Virginia. Secretary, E. H. Meeks, Cor. Plume and Randolph Sts., Norfolk.

Electrical Contractors' Association of Wisconsin. Secretary, Albert Petermann, 626 Lloyd St., Milwaukee.

Electrical Manufacturers' Club. Secretary, H. B. Crouse, Crouse-Hinds Co., Syracuse, N. Y.

Electrical Salesmen's Association. Secretary, Francis Raymond, 125 Michigan Ave., Chicago., Ill.

Electrical Supply Jobbers' Association, General secretary, Franklin Overbagh, 411 South Clinton St., Chicago, Ill. Next meeting Hot Springs, Va., June 7, 8 and 9.

Electrical Trades Association of Canada. Secretary, William R. Stavely, Royal Insurance Building, Montreal, Can.

Electrical Trades Association of the Pacific Coast. Secretary, Albert H. Elliott, 34 Ellis St., San Francisco, Cal.

Empire State Gas and Electric Association. Secretary, Charles H. B. Chapin, 29 West 39th St., New York.

Gas, Electric and Street Railway Association of Oklahoma. Secretary-treasurer, Prof. H. V. Bozell, Norman, Okla.

Illinois State Electrical Association. Secretary, H. E. Chubbuck, Peoria, Ill

Illuminating Engineering Society. Secretary, C. A. Littlefield, 15th St. and Irving Place, New York. Annual Convention, Philadelphia, Sept. 18, 19 and 20.

Indiana Electric Light Association. Secretary, Thomas Donahue, Lafayette, Ind.

Industrial Electric Heating Association. Secretary, Homer Kunz, Toledo Rys. & Lt. Co., Toledo, O.

Institute of Operating Engineers. Secretary, L. Houmiller, 29 West 39th St., New York.

Institute of Radio Engineers. Secretary, David Sarnoff, 111 Broadway, New York.

International Association of Municipal Electricians. Secretary, C. R. George, Houston, Tex.

International Electrotechnical Commission (international body representing various national electrical engineering societies contributing to its support). General secretary, C. le Maistre, 28 Victoria St., Westminster, London, S. W., England.

Iowa Section, N. E. L. A. Secretary, W. H. Thomson, Jr., Des Moines, Ia.

Jovian Order. Jupiter (president), Thomas A. Wynne, Indianapolis, Ind. Mercury (secretary), E. C. Bennett, Syndicate Trust Building, St. Louis, Mo.

Kansas Gas, Water, Electric Light and Street Railway Association. Temporary secretary, E. A. Wright, Manhattan, Kan.

Maine Electric Association. Secretary-treasurer, Walter S. Wyman, Waterville, Maine.

Michigan Section N. E. L. A. Secretary, Herbert Silvester, 18 Washington Boulevard, Detroit, Mich.

Minnesota Electrical Association. Secretary-treasurer, F. A. Otto, St. Paul Gas Light Company, St. Paul, Minn.

Mississippi Electric Association. Affiliated with N. E. L. A. Secretary-treasurer, R. H. Smith, Jackson, Miss.

Missouri Association of Public Utilities. Secretary-treasurer, F. D. Beardslee, Union Electric Light & Power Co., St. Louis, Mo.

National Arm, Pin and Bracket Association. Secretary, J. B. Magers, Madison, Ind.

National Association of Electrical Inspectors. Secretary-treasurer, William L. Smith, Concord, Mass.

National District Heating Association. Secretary, D. L. Gaskill, Greenville, Ohio.

National Electric Light Association. Executive secretary, T. C. Martin, Engineering Societies Building, 33 West 39th St., New York. Secretary, Commercial Section, C. A. Littlefield, 130 East 15th St., New York. For geographic sections, see Canadian Electrical Assn., Eastern New York Section, Iowa Section, Michigan Electric Assn., Mississippi Electric Assn., Nebraska Section, New England Section, Northwest Section, Pennsylvania Electric Assn. and Southeastern Section.

National Electrical Contractors' Association of the United States. Secretary, George H. Duffield, 41 Martin Building, Utica, N. Y. Annual meeting, New York, July, 18-22.

National Electrical Credit Association. Secretary, Frederic P. Vose, 1343 Marquette Building, Chicago, Ill.

National Fire Protection Association. Secretary of electrical committee, Ralph Sweetland, 141 Milk St., Boston, Mass.

Nebraska Section, N. E. L. A. Secretary-treasurer, B. E. Egan, Room 201, Union Pac. Bldg., Omaha, Neb.

New England Electrical Credit Association. Secretary, Alton F. Tupper, 60 State St., Boston, Mass.

New England Section, Electrical Vehicle Association of America. Secretary, L. L. Edgar, 39 Boylston St., Boston, Mass.

New England Section, N. E. L. A. Secretary, Miss O. E. Bursiel, 149 Tremont St., Boston, Mass.

New Mexico Electrical Association. Secretary, E. A. Thiele, Roswell, N. Mex.

New York Electrical Society. Secretary, George H. Guy, 29 West 39th St., New York.

Northwest Section, N. E. L. A. Secretary, E. H. La Tourneau, 602 Electric Bldg., Portland, Oreg. Annual convention, Seattle, Wash., September.

Northern White Cedar Association. Secretary, R. N. Boucher, 743 Lumber Exchange, Minneapolis, Minn.

Ohio Electric Light Association. Secretary, D. L. Gaskill, Greenville, Ohio. Annual convention, Cedar Point, July 18-21.

Ohio Society of Mechanical, Electrical and Steam Engineers. Secretary, Prof. F. E. Sanborn, Ohio State University, Columbus, Ohio. Annual meeting, Cleveland, June 15 and 16.

**Pennsylvania Electric Association. (State Section N. E. L. A.).** Secretary-treasurer, H. N. Muller, 435 Sixth Ave., Pittsburgh, Pa. Annual convention, Eagles Mere, Sept. 5-8.

Public Service Association of Virginia. Secretary-treasurer, W. J. Kehl, Virginia Railway & Pwr. Co., Richmond, Va.

Public Utilities Association of West Virginia. Secretary, W. C. Davisson, V. Pres. West Virginia Water & Elec. Co., Charleston, W. Va.

**Railway Signal Association. Secretary-treasurer, C. E. Rosenberg, Times Building, Bethlehem, Pa.**

Rocky Mountain Association of Municipal Electricians. Pres., Lawrence Stone, Denver, Col.

**Society for Electrical Development, Inc. General manager, J. M. Wakeman, 29 West 39th St., New York.**

**Society for the Promotion of Engineering Education. Secretary, Dean F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.**

South Dakota Electric Light Association. Secretary, A. H. Savage, Dakota Lt. & Pwr. Co., Flandreau, S. D.

**Southeastern Section, N. E. L. A. Secretary-treasurer, Geo. H. Wygant, Tampa, Fla.**

**Southwestern Electrical and Gas Association. Secretary, H. S. Cooper, 405 Slaughter Building, Dallas, Tex.**

**Tri-State Water & Light Association. Secretary-treasurer, W. F. Steiglitz, Columbia, S. C.**

United States Independent Telephone Association. Secretary-treasurer, W. S. Vivian, 19 So. La Salle St., Chicago, Ill.

**Vermont Electrical Association. Secretary-treasurer, C. H. West, Rutland, Vt.**

**Western Association of Electrical Inspectors. Secretary, W. S. Boyd, 175 Jackson Blvd., Chicago, Ill.**

**Western Society of Engineers, Electrical Section. Secretary, J. H. Warder, 1737 Monadnock Block, Chicago, Ill.**

**Wisconsin Electrical Association. Secretary, George Allison, 1410 First National Bank Bldg., Milwaukee, Wis.**

# INDEX TO CENTRAL STATIONS WHOSE NAMES DO NOT INDICATE THEIR LOCATION.

**These will be found in the LIST under towns indicated below. An asterisk (*) before the name of any company indicates that it is controlled, operated by or consolidated with the company under which town it is listed.**

---

Abbott Lt. & Pwr. Co., The, Petersburg, Ill.
*Abingdon Light & Power Co., Galesburg, Ill.
Abington Elec. Co., La Plume, Pa.
Acadia Electric Light Co , Wolfville, N. S.
Adirondack Electric Power Corporation, Glens Falls, N. Y.
Adrian Knitting Co , Sauquoit, N. Y.
Afton-Windsor Light, Heat & Power Co., Inc., Center Village, N. Y.
Agriculture & Mechanical College Electric Light Plant, College Station, Texas.
Alabama City, Gadsden & Attalla Ry. Co., Gadsden, Ala.
*Alabama Electric Co., Birmingham, Ala.
*Alabama Interstate Pwr. Co., Birmingham, Ala.
Alabama Polytechnic Institute, Auburn, Ala.
Alabama Power Co., Birmingham, Ala.
*Alabama Power Development Co., Birmingham, Ala.
*Alabama Power & Electric Co., Birmingham, Ala.
*Alabama Pwr. & Lt. Co., Birmingham, Ala.
*Alabama Property Co., Birmingham, Ala.
Alabama Traction, Light & Power Co., Ltd., New York, N. Y.
Alaska Electric Light & Power Co., Juneau, Alaska.
*Alaska Mining & Pwr. Co., Nome, Alaska.
Alaska Water, Light & Telephone Co., Valdez, Alaska.
Albany Southern Railroad Co., Hudson, N. Y.
Alcorn Electric Light Co., Corinth, Miss.
*Alfred Power Co., Sanford, Me.
Algoma Power Co., Berlin, Ont.
Algoma Steel Corpn., Ltd. (Water Power Dept.), Sault Ste. Marie, Ont.
Algonquin Light, Heat & Power Co., Dayton, O.
Allegheny Valley Light Co., New Kensington, Pa.
Allen Co. Elec. Lt. Plant, William F., West Stewartstown, N. H.
Alpine Evaporated Cream Co., Gonzales, Cal.
*Altona Electric Light Plant, Galva, Ill.
Amador Electric Light & Power Co., Sutter Creek, Cal.
American Cities Co., New York, N. Y.
American Gas Co., The, Philadelphia, Pa.
American Gas & Electric Co., New York, N. Y.
American Light & Power Co., St. Charles, Mo.
American Light & Traction Co., New York, N. Y.
American Power Co., Delaware City, Del.
American Power & Light Co., New York, N. Y.
American Public Service Co., New York, N. Y.
American Public Utilities Co., Grand Rapids, Mich.
American Railways Co., Philadelphia, Pa.
American Waterworks & Electric Co., Inc., New York., N. Y.
American Woolen Co., Maynard, Mass.
*Anderson Water, Light & Power Co., Charlotte, N. C.
Androscoggin Electric Co., Lewiston, Me.
Antanga Oil & Fertilizer Co., Prattville, Ala.
*Anthracite Light, Heat & Power Co., Wilkes-Barre, Pa.
Antietam Electric Light & Power Co., Boonsboro, Md.
Antrim Light & Power Co., Mancelona, Mich.
Appalachian Power Co., Bluefield, W. Va.
Apple River Power Co., Somerset, Wis.
Arapahoe Electric Light & Power Co., Littleton, Colo.
Ariston Ice & Electric Co., West Palm Beach, Fla.
Arizona Copper Co., Ltd. (Elec. Dept.), Clifton, Ariz.
Arizona Power Co., The, Prescott, Ariz.
Arkansas Light & Power Co., Arkadelphia, Ark.
Arkansas Valley Electric Co., Florence, Colo.
Arkansas Valley Railway, Light & Power Co., Pueblo, Colo.
Arlington Electric Co., Clarendon, Va.
Arrowhead Reservoir & Power Co., San Bernardino, Cal.
Artesian Light Co., Springfield, S. Dak.
Arthabaska Water & Power Co., Victoriaville, Quebec.
Artificial Ice, Power, Heat & Light Co., Shenandoah, Ia.
*Asbury Elec. Pwr. Co., Birmingham, Ala.
*Ashley Electric Light, Heat & Power Co , Wilkes-Barre, Pa.
*Ashuelot Gas & Elec. Co., Keene, N. H.
Associated Gas & Electric Co., New York, N. Y.
Atascosa Ice, Water & Light Co., Jourdanton, Tex.
Atlantic Coast Electric Light Co., Asbury Park, N. J.
Atlantic County Electric Co., Egg Harbor, N. J.
Atlantic Land & Improvement Co., Port Tampa, Fla.
Atlantic Light & Power Co., Coeymans, N. Y.

Atlantic Power & Light Corporation, New York, N. Y.
Atlantic Shore Line Ry., Sanford, Me.
Auglaise Power Co., The, Defiance, O.
Aurora, Elgin & Chicago R. R. Co., The (Elgin Ltg. Dept.), Elgin, Ill.
Ausable Valley Light, Heat & Power Co., Keene, N. Y.
Ayers Limited, Lachute, Quebec.
*Babylon Elec. Lt. Co., New York, N. Y.
*Ballston Spa Light & Power Co., Glens Falls, N. Y.
Baltic Mining Co., Redbridge, Mich.
Bangor Power Co., Milford, Me.
Barbados Electric Supply Corpn., Ltd., Bridgetown, Barbados (Br.), W. I.
Bark River Electric Light & Power Co., Rome, Wis.
*Barnes Electric Light & Power Co., Maquoketa, Ia.
Basin Electric Light & Power Co., Ltd., Montmagny, Quebec.
Bath & Brunswick Light & Power Co., (Brunswick Div.) Brunswick, Me.
*Battle Creek Power Co., San Francisco, Cal.
*Bay City Ice & Lt. Co., Mt. Pleasant, Tex.
Baxter Elec. Lt. & Wtr. Co., Baxter Springs, Kan.
Beacon Light Co., Chester, Pa.
*Bear Lake Power Co., Ltd., Salt Lake City, Utah.
Beaver County Light Co., New Brighton, Pa.
*Beaver River Power Co., The, Boise, Ida.
*Beaver River Power Co., New Brighton, Pa.
*Beaver Valley Electric Light & Power Co., New Brighton, Pa.
Beckwith Estate Electric Light Dept., Dowagiac, Mich.
*Belle Plain Electric Co , Cedar Rapids, Ia.
*Bellevue Illuminating & Power Co., Cleveland, O.
*Bellevue Irrigation Co., San Francisco, Cal.
*Beltrami Electric Light & Power Co., Bemidji, Minn.
Benjamin Co., Ltd., Yarker, Ont.
Benton Electric Light Co., Fort Benton, Mont.
Benzie County Power Co., Frankfort, Mich.
Berkshire Elec. Co., Wernersville, Pa.
Berwick & Salmon Falls Electric Co., South Berwick, Me.
*Berwick & Salem Falls Electric Co., Dover, N. H.
*Big Bend Light & Power Co., Spokane, Wash.
*Big Creek Light & Power Co., Santa Cruz, Cal.
Big Spring Electric Co., Newville, Pa.
Big Springs Electric Co., Fountain Green, Utah.
*Billings & Eastern Montana Power Co., Butte, Mont.
*Bingham Electric Co., Augusta, Me.
Binghamton Ry. Co., Endicott, N. Y.
*Birmingham, Montgomery & Gulf Pwr. Co., Birmingham, Ala.
*Birmingham-Tuscaloosa Railway & Utilities Co., Tuscaloosa, Ala.
Black Rock Pwr. & Irrig. Co., Hanford, Wash.
*Blacksmith's Fork Light & Power Co., Salt Lake City, Utah.
*Blackstone Ice, Wtr. & Lt. Co., Crewe, Va.
Blackstone Valley Gas & Electric Co., Pawtucket, R. I.
Block Plant Electric Light Co., Boston, Mass.
*Blue Hill Electric Co., Boston, Mass.
Blue Mountain Electric Co., Bethel, Pa.
Blue Ridge Traction Co., Danielsville, Pa.
Blue River Power Co., Seward, Neb.
Boardman Light Co., South Boardman, Mich.
Boardman River Electric Light & Power Co., Traverse City, Mich.
Bodcaw Lumber Co., Stamps, Ark.
Bonner Water & Light Co., Ltd., Bonners Ferry, Ida.
*Boone Electric Co., Cedar Rapids, Ia.
Boston-Colorado Power & Water Co., The, Idaho Springs, Colo.
Bouquet Electric Power Co , Essex, N. Y.
Bowersock Mills & Pwr. Co., Lawrence, Kan.
Boyd County Electric Co., Ashland. Ky.
Boyne River Power Co., Boyne City, Mich.
Braddock Light & Power Co., Washington, D. C.
*Brady Electric Co , Dixonville, Pa.
*Bristol County Gas & Electric Co., Providence, R. I.
British Columbia Electric Ry. Co., Ltd., Vancouver, B, C.
Brome Lake Electric Power Co., Waterloo, Que.
Bronx Gas & Electric Co., The, Borough of the Bronx, New York, N. Y.
Brooke Electric Co., The, Warwood, W. Va.
*Brookline Gas Lt. Co., Boston, Mass.
Brookville-Lewisburg Lt. Co., Lewisburg, O.
*Brown Valley Elec. Lt. Plant, Fergus Falls, Minn.
Browne Mills Elec. Co., Inc., North Manchester, Ind.
Brunner Wtr. & Lt. Co , Houston, Tex.
*Brunswick & Yarmouth Street Railway Co., Freeport, Me.
Brush Electric Co., Galveston, Tex.
*Brush Electric Light Co., Philadelphia, Pa.
*Buckley Elecl. Co., Seattle, Wash.
Buckeye Light & Power Co., The, Covington, O.
Bucks County Electric Co., Newtown, Pa.
Bull River Electric Power Co., Ltd., Wardner, B. C.
Bunker Hill & Sullivan Mining & Concentrating Co., Kellogg, Ida.
Burkhardt Milling & Elecl. Pwr. Co., Hudson, Wisc.
*Burlington Elec. Lt. & Pwr. Co., Kenosha, Wis.
Buttermilk Falls Electric Co., Highland Falls, N. Y.
Buzzards Bay Electric Co., Falmouth, Mass.
Byllesby & Co., H. M., Chicago, Ill.

C. & R. Elec. Co., Scottsbluff, Neb.
Calhoun County Public Service Co., Rockwell City, Ia.
*California Electric Generating Co., San Francisco, Cal.

California-Oregon Power Co., San Francisco, Cal.
California Railway & Power Co., San Francisco, Cal.
California Telephone & Light Co., Santa Rosa, Cal.
*Caln Township Elec. Co., Coatesville, Pa.
Calumet & Arizona Mining Co., Warren, Ariz.
*Calumet Lighting Co., Chicago, Ill.
Calumet Service Co., Chilton, Wis.
*Cambridge Electric Light & Power Co., Galva, Ill.
*Campbell Electric Co., Louisville, Ky.
*Camp Floyd Electric Co., Salt Lake City, Utah.
Canada Electric Co., Ltd., Amherst, N. S.
Canadian Coal Consolidated, Ltd., Frank, Alta.
Canadian Copper Co., Copper Cliff, Ont.
Canadian Electric Light Co., Levis, Quebec.
Canadian Electric & Water Power Co., Perth, Ont.
Canadian Klondyke Power Co., Ltd., Dawson, Yukon Territory.
Canadian Light & Power Co., Montreal, Que.
Canadian Niagara Power Co., Niagara Falls, Ont.
Canyon Creek Electric Light Co., Ltd., Burke, Ida.
Cape Breton Electric Co., Ltd., Sydney, N. S.
*Capital Gas & Electric Light Co., Bowling Green, Ky.
*Capitola Mfg. Co., Marshall, N. C.
*Capitol Electric Light, Motor & Gas Co., Boise, Idaho.
Carney Mill Co., W. M., Atmore, Ala.
Carolina Central Electric Co., Florence, S. C.
Carolina Electric Co., Maxton, N. C.
Carolina Light & Power Co., Aiken, S. C.
*Carolina Lumber & Power Co., Florence, S. C.
Carolina Power & Light Co., Raleigh, N. C.
Carolina Public Service Co., Johnston, S. C.
*Carroll County Electric Light & Power Co., Westminster, Md.
Caruthersville & Kennett Electric Light & Power Co., Kennett, Mo.
*Cascade Light & Power Co., Berlin, N. H.
Cascade Power Co., Brevard, N. C.
*Cascade Water Power & Light Co., Rossland, B. C.
Cass County Light & Power Co., Griswold, Ia.
Cass Water, Light & Power Co., Cass Lake, Minn.
Castellenos y Mendez, La Barca, Jalisco, Mex.
Cataract Electric Co., Ltd., The, Orangeville, Ont.
*Cataract Power & Conduit Co., The, Buffalo, N. Y.
Catawba Power Co., Rock Hill, S. C.
Cayadutta Generating Co., Fonda, N. Y.
Cedar Valley Electric Co., Charles City, Ia.
*Cedar Valley Power Co., Charles City, Iowa.
Center Elec. Co., Howard, Penn.
Central Arkansas Railway & Light Corpn., Hot Springs, Ark.
*Central Colorado Power Co., The, Denver, Colo.
Central Electric Producing Co., Floodwood, O.
Central Georgia Power Co., Macon, Ga.
*Central Georgia Transm. Co., Macon, Georgia.
*Central Harbor Electric Light Co., Meredith, N. H.
*Central Heat, Light & Power Co., Montreal, Que.
*Central Heat & Power Co., Rockford, Ill.
*Central Heating Co., Detroit, Mich.
Central Hudson Gas & Electric Co., Poughkeepsie, N, Y.
Central Illinois Electric Co., Buffalo, Ill.
Central Illinois Light Co., Peoria, Ill.
Central Illinois Public Service Co., Mattoon, Ill.
Central Illinois Utilities Co., Paxton, Ill.
Central Indiana Lighting Co., Columbus, Ind.
Central Indiana Water, Light, Heat & Power Plant, Francesville, Ind.
Central Iowa Light & Power Co., Fraser, Iowa.
Central Light & Mfg. Co., Pe Ell, Wash.
Central Light & Power Co., Amite, La.
Central Maine Power Co., Augusta, Me.
Central Massachusetts Electric Co., Palmer, Mass.
Central Massachusetts Light & Power Co., Boston, Mass.
Central Massachusetts Power Co., Palmer, Mass.
Central Mexico Light & Power Co., Guanajuato, Gta., Mex.
Central Minnesota Light & Power Co., Minneapolis, Minn.
Central Minnesota Power & Milling Co., Sauk Center, Minn.
Central Mississippi Valley Electric Properties, Keokuk, Ia.
Central New York Gas & Electric Co., Geneva, N. Y.
Central New York Power Co., Utica, N. Y.
Central Ontario Power Co., Ltd., Millbrook, Ont.
Central Pwr. Co., Grand Island, Neb.
Central Service Co., El Campo, Tex.
Central Sta. Engineering Co., Valley, Neb.
Central States Elec. Corpn., New York, N. Y.
Central Texas Power & Transmission Co., Hico, Tex.
Chace & Harriman, Inc., Boston, Mass.
Chasm Pwr. Co., Chateaugay, N. Y.
*Chaumont Elec Lt. Co., Watertown, N. Y.
*Chelsea Electric Light & Power Co., Cedar Rapids, Ia.
*Chelsea Gas Lt. Co., Boston, Mass.
*Cheltenham Electric Light, Heat & Power Co., Philadelphia, Pa.
*Chenoa Electric Light Co., Bloomington, Ill.
*Cherokee Light & Power Co., The, Wichita, Kans.
Cherry River Boom & Lumber Co., Richwood, W. Va.
*Cherryvale Electric Light & Power Co., Wichita, Kans.
Chester County Light & Power Co., Kennett Square, Pa.
*Chester Pwr. Co., Charlotte. N. C.
Chester Valley Electric Co., Coatesville, Pa.

*Chester Valley Electric Light, Heat & Power Co., Coatesville, Pa.
*Chippewa Edison Co., Sault Ste Marie, Mich.
*Chittenden Power Co., Rutland, Vt.
Choctaw Railway & Lighting Co., McAlester, Okla.
*Choteau Lt. & Pwr. Co., Great Falls, Mont.
*Cia de Luz y Fuerza "el Portezuelo," Pueblo, Mex.
Cia Ferrocarril Electrico de Lerdo a Torreon, Gomez Palacio, Durango, Mex.
Cia Hidroelectrica e Irrigadora del Chapala. S. A., Guadalajara, Jalisco, Mex.
Cia Minera de Penoles, S. A., Mapimi, Durango, Mex.
Cincinnati, Milford & Loveland Traction Co., Milford, Ohio.
Cities Service Co., New York, N. Y.
Citizens Electric Co., Hot Springs, Ark.
Citizens Electric Co., Greenfield, Ind.
Citizens Electric Co., The, Battle Creek, Mich.
Citizens Electric Co., Lewisburg, Pa.
Citizens Electric Co., Williamsport, Pa.
Citizens Electric Co., Gary, S. D.
Citizens Electric Illuminating Co., Pittston, Pa.
Citizens Electric Light Co., Higbee, Mo.
*Citizens Electric Light & Power Co., Lansdowne, Pa.
Citizens Electric Light Co., Smith's Falls, Ont.
Citizens Electric Light, Power & Heating Co., The, Shreve, O.
Citizens Electric Light & Power Co., Hughesville, Pa.
Citizens Electric Light & Power Co., Gonzales, Tex.
Citizens Gas & Electric Co., Council Bluffs, Ia.
Citizens Gas & Electric Co., Cedar Falls and Waterloo, Ia.
Citizens Gas & Electric Co., Stroudsburg, Pa.
Citizens Gas, Electric & Heating Co., Mt. Vernon, Ill.
Citizens Gas, Electric & Power Co. of Nantucket, Nantucket, Mass.
Citizens Heat, Light & Power Co, Winchester, Ind.
Citizens Ice & Public Utility Co., Junction City, Ark.
Citizens Light Co., Belding, Mich.
Citizens Light Co., The, West Manchester, O.
*Citizens Light, Heat & Power Co., Colorado Springs, Colo.
*Citizens Light, Heat & Power Co., Chicago, Ill.
Citizens Light, Heat & Power Co., Elk Lick, Pa.
Citizens Light, Heat & Power Co., Eagle Grove, Ia.
Citizens Light, Heat & Power Co. of Pennsylvania, Johnstown, Pa.
Citizens Light, Heat & Power Co., Canby, Minn.
Citizens Light & Power Co., Adrian, Mich.
*Citizens Light & Power Co., Auburn, N. Y.
Citizens Light & Power Co., Lenoir, N. C.
Citizens Light & Power Co., The, Millersburg, Ohio.
Citizens Light & Power Co., Oil City, Pa.
Citizens Light & Power Co., Wichita Falls, Tex.
*Citizens Light & Power Co., Ltd., Montreal, Que.
Citizens Light, Power & Water Co., Ketchikan, Alaska.
Citizens Lt., Wtr. & Pwr. Co., Tracy, Minn.
Citizens Light, Water & Power Co., Inc., Hale, Mo.
Citizens Lighting Co., Vine Grove, Ky.
Citizens Lighting Co., La Salle, Ill.
Citizens Lighting & Heating Co., Toledo, O.
Citizens Power & Light Co., Pine Level, N. C.
*Citizens Railway, Light & Power Co., Hampton, Va.
*Citizens Water & Power Co., Westminster, Md.
City Electric Co., San Francisco, Cal.
City Electric Lighting Co., Vincennes, Ind.
*City Ice & Elec. Co., Del Rio., Tex.
*City Lt. Co., Bowling Green, Ky.
City Lt. Co., Murray, Ky.
City Light & Trac. Co., Sedalia, Mo.
City Lt. & Pwr. Co., Killeen, Tex.
City Lt. & Wtr. Co., Amarillo, Tex.
Clark Elec. Pwr. Co., Toole, Utah.
Clark Missoula Power Co., Missoula, Mont.
Clark Pwr. Co., Clarks Mills, Me.
*Clarksburg & Weston Electric Railway Co., Fairmont, W. Va.
*Clarksville Electric Co., Bowling Green, Ky.
*Clarksville Gas Co., Bowling Green, Ky.
*Cleveland Electric Light Co., Chattanooga, Tenn.
Cleveland, Southwestern & Columbus Ry. Co., The, Norwalk, O.
Cliff Electrical Distributing Co., Niagara Falls, N. Y.
*Clinton Mills Power Co., Cooperstown, N. Y.
Cloutman Gas & Electric Co., Farmington, N. H.
Clymer Electric Co., Dixonville, Pa.
*Clymer Light, Heat & Power Co., Dixonville, Pa.
Coachella Valley Ice & Electric Co., Redlands, Cal.
*Coaldale Electric Co., Lansford, Pa.
Coal & Gas Belt Electric Co., Huntington, Ark.
Coast Counties Gas & Electric Co., Santa Cruz, Cal.
*Coast Counties Light & Power Co., Santa Cruz, Cal.
Coast Power Co., Tillamook, Ore.
Coast Valleys Gas & Electric Co., San Francisco, Cal.
*Coeburn Lt. & Pwr. Co., Norton. Va.
College Hill Electric Light Co., Clinton, N. Y.
Colliers Light, Heat & Power Co., Cooperstown, N. Y.
Colonial Power & Light Co., Cavendish, Vt.
*Colorado Consolidated Mining & Electric Co., Breckenridge, Colo.
Colorado Power Co., The, Denver, Colo.
*Columbia Electric Light Co., Philadelphia, Pa.
Columbia & Montour Electric Co., Bloomsburg. Pa.
Columbia River Light & Power Co., Cascade Locks, Ore.
Columbiana County Lt. & Pwr. Co., St. Marys, O.

Columbus, Delaware & Marion Ry. Co., The, Marion, O.
*Columbus Electric Co., Joplin, Mo.
Comanche Light & Power Co., Lawton, Okla.
Columbus, Newark & Zanesville Electric Railway Co., Zanesville, O.
Commonwealth Edison Co., Chicago, Ill.
Commonwealth Elec. Co., Summit, N. J.
Commonwealth Pwr. Co., Winnebago, Minn.
Commonwealth Power Co., Milwaukee, Wis.
Commonwealth Power Railway & Light Co., Jackson, Mich.
*Commonwealth Water & Light Co., Summit, N. J.
Como Light & Power Co., Morgan, Utah.
Compania Anonima Electrica Alemana Cubana, Matanzas, Cuba, W. I.
Compania Central de Electricidad y Traccion, Ciego de Avila, Cuba, W. I.
Compania de Luz y Fuerza Motriz Electrica de Amatisn, Tequila, Mex.
Compania Hidro Electrica Queretaro, Qro., Mex.
Compania Tabasquena Electro-Motrix, S. A., San Juan Bautista, Tabasco, Mex.
Connecticut Power Co., The, New London, Conn.
Connecticut River Power Co. of N. H., Brattleboro, Vt.
Connecticut River Transmission Co., Worcester, Mass.
Conneross Light & Power Co., Seneca, S. C.
*Conococheague Electric Light, Heat & Power Co., Markes, Pa.
Consolidated Electric Co., Greenwich, N. Y.
*Consolidated Electric Light Co. of Maine, Portland, Me.
Consolidated Electric Light Co., John Day, Oregon.
*Consolidated Electric Light & Power Co., Kansas City, Kans.
*Consolidated Gas Co., Baltimore, Md.
Consolidated Gas Co. of N. J., Long Branch, N. J.
Consolidated Gas, Electric Light & Power Co., Baltimore, Md.
Consolidated Light, Heat & Power Co., Kenova, W. Va.
Consolidated Light & Power Co., Kewanee, Ill.
Consolidated Light & Power Co., Mt. Pleasant, Mich.
Consolidated Light & Power Co., Whitehall, N. Y.
*Consolidated Light, Power & Ice Co., Joplin, Mo.
Consolidated Lighting Co., Montpelier, Vt.
Consolidated Mining & Smelting Co. of Canada, Ltd., Trail, B. C.
Consolidated Power & Light Co., of S. D., Deadwood, S. D.
Consolidated Power & Telephone Co., Las Vegas, Nev.
Consolidated Public Utilities Co., Westminster, Md.
*Consolidated Railways, Light & Power Co., Wilmington, N. C.
Consolidated Utilities Co., Compton, Cal.
Consolidated Water Power & Paper Co., Grand Rapids, Wis.
Constantine Hydraulic Co., Three Rivers, Mich.
Consumers Electric Light Co., Mannington, W. Va.
*Consumers Electric Light, Heat & Power Co., Coatesville, Pa.
Consumers Electric Light & Power Co., De Soto, Mo.
Consumers Electric Light & Power Co., New Orleans, La.
Consumers General Service Co., New Rockford, N. D.
Consumers Heat, Light, Water & Power Co., Belington, W. Va.
Consumers Power Co. (of Maine), Jackson, Mich.
Consumers Power Co., St. Paul, Minn.
Consumers Water & Light Co., Marseilles, Ill.
Continental Gas & Electric Corp'n., Cleveland, Ohio.
*Continental Heat & Light Co., Shawinigan Falls, Que.
Continental Mines, Power & Reduction Co., The, Denver, Colo.
Continental Utilities Co., Lansing, Mich.
Cooks Mills Electric Light & Power Co., Ellerslie, Md.
*Co-operative Electric Co., Newport, Ark.
*Co-operative Electric Co., Santa Cruz, Cal.
*Cornett Lt. & Pwr. Co., Rural Retreat, Va.
Cornish & Kezar Falls Light & Power Co., Kezar Falls, Me.
Corson & Co., Frank E., Fargo, N. D.
*Coryell Mine Leasing Co., The, New Castle, Colo.
*Coshocton Lt. & Htg. Co., Cambridge, O.
Counties Gas & Electric Co., Norristown, Pa.
*County Electric Co., The, Cambridge, O.
Courter Electric Co., Cobleskill, N. Y.
*Cove Power Co., Prineville, Ore.
Crane Falls Power & Irrigation Co., Ltd., Boise, Ida.
*Crawford County Gas & Electric Co., The, Norwalk, Ohio.
Crescent Elec. Co., Watertown, Minn.
*Crittenden Power Co., Earl, Ark.
*Crystal Ice Co. (of Paragould), Arkadelphia, Ark.
*Crystal Ice Co., Jacksonville, Fla.
Crystal Ice Co., Weleetka, Okla.
*Crystal Ice & Power Co., Nowata, Okla.
Cumberland County Power & Light Co., Portland, Me.
*Cumberland Electric Light & Power Co., Nashville, Tenn.
Cupples Sta. Lt., Ht. & Pwr. Co., St. Louis, Mo.
Cush Creek Lt. & Pwr. Co., Glen Campbell, Pa.
Custer Electric Co., Broken Bow, Neb.
Cuyuna Range Power Co., Deerwood, Minn.

Dakota Lt. & Pwr. Co., Flandreau, S. D.
Dakota Power Co., Rapid City, S. D.
Dale Light, Heat & Power Co., Johnstown, Pa.
Danielson & Plainfield Gas & Elec. Co., The, Plainfield, Conn.
*Darlington Water & Electric Co., Florence, S. C.
*Davis County Light & Power Co., Salt Lake City, Utah.
*Davis & Weber Counties Canal Co., Salt Lake City, Utah.
Day Electric & Coal Co., Jackson, Ky.
Dayton, Covington & Piqua Trac. Co., The, West Milton, Ohio.
*Dayton Electric Co., Covington, Ky.

*Decatur Light, Power & Fuel Co., Birmingham, Ala.
*Dedham Electric Co., Boston, Mass.
Deerfield River Electric Light Co., Conway, Mass.
Deer River Power Co., Watertown, N. Y.
DeKalb County Electric Co., Maysville, Mo.
Delaware County Electric Co., Lansdowne, Pa.
Delaware Electric Light & Power Co., Delhi, N. Y.
*Delaware & Otsego Light & Power Co., Franklin, N. Y.
Delaware Water Improvement Co., New Castle, Del.
*Dell Rapids Lt. & Pwr. Co., Sioux Falls, S. D.
Delmarvia Lt., Ht. & Ref. Co., Chincoteague Island, Va.
Delmarvia Utility Co., Ocean City, Md.
*Delta Electric Light Co., Montrose, Colo.
*Delta Electric Light, Power & Mfg. Co., Greenville, Miss.
Delta Electric & Mfg. Co., Cooper, Tex.
Delta Light & Traction Co., Greenville, Miss.
Demerara Electric Co., Ltd., The, Georgetown, British Guiana, S. A.
Dennistown Pwr. Co., Jackman, Me.
Depew & Lancaster Light, Power & Conduit Co., The, Lancaster, N. Y.
Des Chutes Power Co., Prineville, Ore.
Desert Power & Water Co., Kingman, Ariz.
Despatch Heat, Light & Power Co., East Rochester, N. Y.
*Dexter Electric Co., Augusta, Me.
Diamond Coal & Coke Co., Diamondville, Wyo.
*Diamond Electric Co., Philadelphia, Pa.
Diamond Electric Light & Power Co., The, Spearville, Kan.
Diamond Match Co., The, Chico, Cal.
*Dixfield Lt. & Improvement Co., Rumford, Me.
Dodge County Pwr. Co., Hayfield, Minn.
*Dodgeville Electric Light & Power Co., Mineral Point, Wis.
Doherty Operating Co., New York, N. Y.
*Domina Mfg. Co., Enosburg Falls, Vt.
*Dominion Light, Heat & Power Co., Montreal, Que.
Dominion Power & Transmission Co., Ltd., Hamilton, Ont.
Douglas County Light & Water Co., Roseburg, Ore.
*Dowd Milling Co., Ltd., Pakenham, Ont.
*Dublin Elec. Co., Keene, N. H.
Duck River Power Co., Shelbyville, Tenn.
*Duncan (Okla.) Electric & Ice Co., New York, N. Y.
Dunlap Elec. Co., Plaquemine, La.
Duquesne Light Co., Pittsburgh, Pa.
Duplin Light & Power Co., Inc., The, Wallace, N. C.
*Durango Gas & Electric Co., Montrose, Colo.
Dutchess Light, Heat & Power Co., The, Rhinebeck, N. Y.
Dwaas Electric Co., Round Lake, N. Y.

Eagle River Electric Power Co., Baker, Ore.
East Creek Electric Light & Power Co., St. Johnsville, N. Y.
*East Greenwich Electric Co., Providence, R. I.
East Haddam Elec. Lt. Co., East Hampton, Conn.
East Pennsylvania Gas & Electric Co., Bristol, Pa.
*East Side Electric Co., St. Paul, Minn.
East Taylor Light & Power Co., Conemaugh, Pa.
*Eastern Cotton Oil Co., Hertford, N. C.
Eastern Electric & Development Co., The, Sackville, N. B.
Eastern Iowa Elec. Co., Dubuque, Ia.
Eastern Michigan Edison Co., Detroit, Mich.
Eastern Minnesota Power Co., Pine City, Minn.
*Eastern Monroe Elec. Lt. & Gas Co., New York, N. Y.
Eastern Oregon Light & Power Co., Baker, Ore.
Eastern Pennsylvania Light, Heat & Power Co., Pottsville, Pa.
Eastern Pennsylvania Power Co. of N. J., Columbia, N. J.
Eastern Power & Light Corpn., New York, N. Y.
Eastern Shore Gas & Elec. Co., Salisbury, Md.
*Eastern Tennessee Pwr. Co., Chattanooga, Tenn.
Eastern Texas Electric Co., Beaumont, Tex.
Eastern Wisconsin Ry. & Light Co., Fond Du Lac, Wis.
*Economy Light, Fuel & Power Co., Lockport, N. Y.
*Economy Light & Power Co., Chicago, Ill.
Economy Power Co., Virginia City, Mont.
*Edison Electric Co. of Los Angeles, Los Angeles, Cal.
Edison Electric Co., Lancaster, Pa.
Edison Electric Illuminating Co., Cumberland, Md.
Edison Electric Illuminating Co. of Boston, The, Boston, Mass.
Edison Electric Illuminating Co. of Brockton, Brockton, Mass.
*Edison Electric Illuminating Co. of Corondelet, St. Louis, Mo.
*Edison Electric Illuminating Co., New Bedford, Mass.
*Edison Electric Illuminating Co., Fall River, Mass.
Edison Electric Illuminating Co., Lebanon, Pa.
Edison Electric Illuminating Co., Mt. Carmel, Pa.
*Edison Electric Illuminating Co., Pottsville, Pa.
*Edison Electric Illuminating Co., Sunbury, Pa.
*Edison Electric Illuminating Co., Spokane, Wash.
*Edison Electric Light Co. of Philadelphia, Philadelphia, Pa.
Edison Elec. Lt. & Pwr. Co., Amsterdam, N. Y.
*Edison Electric Light & Power Co., Erie, Pa.
Edison Electric Light & Power Co., Ltd., Spring Hill, N. S.
Edison Illuminating Co. of Detroit, Detroit, Mich.
*Edison Light & Power Co., St. Paul, Minn.
*Edison Light & Power Co., Wichita, Kansas.
Edison Light & Power Co., York, Pa.
Edison Sault Electric Co., Sault Ste. Marie, Mich.

dwards Lt. & Pwr. Co., Port Edwards, Wis.
dwards River Pwr. Co., Matherville, Ill.
gyptian Electric Co. Christopher, Ill.
lectric Bond & Share Co., Borough of Manhattan, New York City.
lectric Co. of Missouri, The, Webster Groves, Mo.
lectric Co. of New Jersey, Salem, N. J.
Electric Generating Co., The, Fredericksburg, Va.
lectric Hot Springs Co., Corwin Springs, Mont.
lectric & Ice Manufacturing Co., The, Pocomoke City, Md.
lectric Investment Co., Boise, Idaho.
lec. Lt. & Ice Co., Lenord, Tex.
lec. Lt. & Milling Co., Orleans, Utah.
lectric Lt. & Pwr. Co., Munising, Mich.
lec. Lt. & Pwr. Co., Lindsay, Neb.
Electric Light & Power Co. of Newton, Wichita, Kans.
lectric Light & Power Co. of Philadelphia, Hightstown, N. J.
lectric Light & Power Co. of Abington & Rockland, The, No. Abington, Mass.
lectric Lt. & Pwr. Co., Grant City, Mo.
lec. Lt. & Pwr. Co., Newton Falls, O.
lectric Light Power & Ice Co., Benton, Ark.
lec. Pwr. & Milling Co., Orangeville, Utah.
lectric Power Co., Ltd., Toronto, Ont.
lectric Power, Light & Ice Co., Jefferson, O.
lectric Service Co., Central City, Iowa.
lectric Service Co., Cissna Park, Ill.
lectric Works, The, Washington, Ind.
lectrical Development Co., The, Crookston, Minn.
Electrical Development Co. of Ontario, Ltd., Toronto, Ont.
lk Electric Co., Elk Rapids, Mich.
Ellsworth Electric Illuminating Co., Bar Harbor, Me.
Ellsworth Power Supply Co., Bar Harbor, Me.
Ellsworth Wtr. Co., Bar Harbor, Me.
Elmhurst Electric Light & Power Co., Chicago, Ill.
El Paso Electric Light Co., Bloomington, Ill.
merson Electric Light Co., The, Encampment, Wyo.
Emerson Lumber Co , Island Falls, Me.
mpire District Electric Co., The, Joplin, Mo.
mpire Electric Power and Supply Co., Carthage, Mo.
mpire Gas & Electric Co. of Geneva, Auburn, N. Y.
Empire Light & Power Co., Quincy, Ill.
Empire State Power Co., Glens Falls, N. Y.
Empire Water & Power Co., Colorado Springs, Colo.
mpresa de Corriente Electrica, S. A.. Mazatlan, Sinaloa, Mex.
mpressa Electrica, Chalchicomula, Puebla, Mex.
mpresa de Fuerza y Luz de Chaulta, Texmelucan, Puebla, Mex.
mpresa Duranguena de Luz Electrica, Durango, Dur, Mex.
nloe Elec. Co., Medical Lake, Wash.
noree Power Co., Wellford, S. C.
nterprise Electric Light, Heat & Power Co., Garner, Iowa.
nterprise Lt. & Power Co., Wilmot. Ark.
Entiat Light & Power Co., Wenatchee, Wash.
quitable Electric Light Co., Lake Geneva, Wis.
Equitable Gas & Electric Co., Utica, N. Y.
quity Milling & Pwr. Co., Mott, N. D.
Escambia County Electric Light & Power Co., Pensacola, Fla.
scanaba Power Co., Wells, Mich.
ssex County Light & Power Co., Ltd., Leamington, Ont.
Etowah Light & Power Co., Birmingham, Ala.
Eureka Electric Co.. The, Salt Lake City, Utah.
Eureka Electric Light, Heat & Power Co., Norristown, Pa.
vans Lt. Co., Malad City, Ida.
Evanston Electric Illuminating Co., Chicago, Ill.
Evanston Yaryan Co., Chicago, Ill.
verett Gas Co., Snohomish, Wash.
xcelsior Electric Light, Power & Gas Co., Sellersville, Pa.

'all Mountain Electric Light & Power Co., The, Bellows Falls, Vt.
'alls Light & Power Co., Sheboygan Falls, Wis.
Faraday Heat, Power & Light Co., Lansdowne, Pa.
'armers Electric & Power Co., Eaton, Colo.
armers Elevator Co., Arthur, N. D.
'armington River Power Co., Hartford, Conn.
ayette County Utilities Co., Oelwein, Ia.
ayette Public Service Corpn., Fayetteville, W. Va.
ederal Light & Traction Co., New York, N. Y.
'ederal Power & Light Co., Boston, Mass.
'latbush Gas Co., Borough of Brooklyn, New York City.
lat Top Ice & Cold Storage Co., Northfork, W. Va.
leetwood & Kutztown Electric Light, Heat & Power Co., Kutztown, Pa.
Floral Park Light & Power Co., Mineola, N. Y.
'lorida Power Co., Ocala, Fla.
Fort Edward Electric Light & Power Co., Hudson, N. Y.
Fort Halifax Power Co., Augusta, Me.
'ort Scott & Nevada Light, Heat, Water & Power Co., The, Nevada, Mo.
Fox River Valley Electric Light & Power Co., Appleton, Wis.
Fox River Valley Gas & Electric Co., Appleton, Wis.
Frackville & Gilberton Light, Heat & Power Co., Pottsville, Pa.
Framingham Electric Co., Boston, Mass.
'rancisco Segura y Hermano, Temascaltepec, Mexico, Mex.
Franklin Electric Illuminating Co., Mineola, N. Y.
'ranklin Electric Light Co., Turners Falls, Mass.
'ranklin Lt. & Pwr. Co., Farmington, Me.

Franklin Light & Power Co., Hartwell. Ga.
Franklin Lumber & Power Co., Franklinton, N. C.
Franklin Power Co., Farmington, Me.
*Freeman Power Supply Co., Chicago, Ill.
*Fries Mfg. & Power Co., The, Charlotte, N. C.
Frisco Ice & Light Co., Granbury, Tex.
Frontier Supply Co., Kemmerer, Wyo.
Frugale Power Co., Whitehall, Mich.
Fulton County Gas & Electric Co., Gloversville, N. Y.
*Fulton Electric Light & Power Co., Hickman, Ky.

*Galena Light & Power Co., Joplin, Mo.
Galetta Electric Power & Milling Co., Arnprior, Ont.
*Garfield County Gas & Electric Co., Enid, Okla.
Garfield Mine Leasing Co., New Castle, Colo.
Garner Print Works & Bleachery (Elec'l Dept.), Wappingers Falls, N. Y.
*Garvin Falls Power Co., Manchester, N. H.
*Gas & Electric Appliance Co., The, Wichita, Kans.
Gas & Electric Improvement Co., Boston, Mass.
*Gaysville Electric Light & Power Co., Brandon, Vt.
General Gas & Electric Co., The, New York, N. Y.
General Service Co., La Fayette, Ind.
General Utilities Corpn., Carrington, Enderlin, Kenmore & Oaks, N. D.
General Utilities & Operating Co., Baltimore, Md.
Genesee Light & Power Co., Batavia, N. Y.
Genesee Valley Power Co., Fillmore, N. Y.
*Georgetown Lt., Ht. & Pwr. Co., Salisbury, Md.
Georgia Carolina Power Co., Augusta, Ga.
Georgia Light, Power & Railways, Macon, Ga.
*Georgia Power Co., Atlanta, Ga.
*Georgia Ry. & Elec. Co., Athens, Ga.
Georgia Railway & Power Co., Atlanta, Ga.
Georgian Bay Milling & Power Co., Meaford, Ont.
*Germantown Electric Light Co., Philadelphia, Pa.
*Giant Electric Light, Heat & Power Co., Glen Campbell, Pa.
*Gibbon Elec. Lt. Co., Kearney, Neb.
*Gilmer Light & Ice Co., Mt. Pleasant, Tex.
Gilmore Lt. & Pwr. Co., Beach City, O.
Gilpen Falls Electric Co., Elkton, Md.
Gilpin County Light, Heat & Power Co., Central City, Colo.
*Glen Tay Power Co., Ltd., Perth, Ont.
*Gloucester County Electric Co., Salem, N. J.
Gonzalezhijs, Manuel, Victoria, Tamaulipas, Mex.
Goodrich Falls Electric Co., Intervale, N. H.
*Gorman Light & Power Co., De Leon, Tex.
Government Electric Light Plant, Honolulu, Hawaii.
*Grand Canyon Electric Light & Power Co., Williams, Ariz.
*Grande Ronde Electric Co., Baker, Ore.
*Granite City Ry. Co., St. Cloud, Minn.
Grant County Power Co., Wilson Creek, Wash.
*Granville Pwr. Co., Dawson, Yukon Ter.
Grays Harbor Commercial Co., Cosmopolis, Wash.
Grays Harbor Railway & Light Co., Aberdeen, Wash.
Great Bear Light & Power Co., East Worcester, N. Y.
*Great Falls Electric Properties, Butte, Mont.
*Great Falls Power Co., Washington, D. C.
*Great Falls Power Co., Chattanooga, Tenn.
Great Northern Pail Co., Gillett, Wis.
Great Northern Power Co., Duluth, Minn.
Great Shoshone & Twin Falls Water Power Co., Twin Falls, Ida.
Great Western Power Co., San Francisco, Cal.
*Greendale Chem. & Electric Light Co., Boston, Mass.
Green River Light & Water Co., Calhoun, Ky.
*Greene Heat, Light & Power Co., Dixonville, Pa.
*Greenville-Carolina Power Co., Charlotte, N. C.
*Greenville Gas, Electric Light & Power Co. of S. C., Charlotte, N. C.
*Gridley Electric Light Co., Bloomington, Ill.
Guinsler Elec. Lt. & Pwr. Co., Junction City, O.
*Gunn Pipe Co., Nevada, Mo.

*Halcyon Electric Light & Power Co., So. Bethlehem, Pa.
Halfmoon Light, Heat & Power Co., The, Mechanicsville, N. Y.
*Hallet Elec. Pwr. Co., Riverhead, N. Y.
*Hamilton Light & Water Co., Missoula, Mont.
Hamilton Utilities Co., Benton, Ill.
Hammond Lumber Co., Astoria, Ore.
Hancock County Elec. Co., New Cumberland, W. Va.
*Hanford Irrigation & Power Co., Hanford, Wash.
Harbor Electric Co., The, Harbor Beach, Mich.
Hardin-Wyandot Lighting Co., The, Kenton, O.
Harmony Grove Mills, Commerce, Ga.
Harpeth Elec. Lt. & Pwr. Co., Franklin, Tenn.
Harrison Heights Improvement Co., Mullica Hill, N. J.
*Harrison Light & Power Co., Mullica Hill, N. J.
Hart Milling & Power Co., Inc., Flushing, Mich.
Harwood Electric Co., The, Hazelton, Pa.
Hawaiian Electric Co., Ltd., The, Honolulu, Hawaii.
Hawks Elec. Co., Goshen, Indiana.
Haywood Electric Power Co., Waynesville, N. C.
Helena Costume Co., Ltd., London, Ont.
Henderson Lt. & Pwr. Co., Jewell, Ia.

High Creek Electric Light & Power Co., Salt Lake City, Utah.
Highland Park Electric Light Co., Chicago, Ill.
Iocking Power Co., Nelsonville, O.
Iolton Power Co., Holtville, Cal.
Iome Electric Co., Guttenberg, Ia.
Iome Electric Co., Coudersport, Pa.
Home Electric Co., Dubuque, Ia.
Iome Electric & Heating Co., Eveleth, Minn.
Iome Electric Light Co., Lonaconing, Md.
Iome Electric Light & Steam Heating Co., Tyrone, Pa.
Iome Gas & Electric Co., Greeley, Colo.
Iome Light, Heat & Power Co., The, Pittsburg, Kans.
Iome Light & Ice Co., Cleveland, Miss.
Iome Lt. & Ice Co., Pittsburgh, Tex.
Home Light & Power Co., Inc., The, Huntington, Ind.
Iome Light & Power Co., Cottonwood Falls, Kans.
Iome Light & Power Co., Copperhill, Tenn.
Iome Light & Power Co., Mart, Tex.
Iome Light & Power Co., Moody, Texas.
Iome Light & Water Co., Bloomfield, Ind.
Iome Light & Water Co., St. Genevieve, Mo.
Iome Light, Water & Ice Co., Blooming Grove, Texas.
Iome Lighting Co., Unio town, Ky.
Home Lighting, Power & Heating Co., The, Springfield, O.
Iome Mfg. Light and Power Co., The, Elkton, Md.
Iome Power Co., Inc., Skagway, Alaska.
Iome Telephone & Electric Co., Highland, Kans.
Home Telephone & Electric Co., Salt Lake City, Utah.
Honk Falls Power Co., Ellenville, N. Y.
Iood Light Co., The, Franklinton, La.
Ioosac River Electric Light & Power Co., Schaghticoke, N. Y.
Horne Alabama Ry., Pwr. & Mfg. Co., Birmingham, Ala.
Iortonia Pwr. Co., Brandon, Vt.
Iot Springs Light & Power Co., Thermopolis, Wyo.
Iousatonic Power Co., New Haven, Conn.
Household Electric Light, Heat & Power Co., Scranton, Pa.
Houston Elec. Co., Galveston, Tex.
Hudson River Electric Co., Glens Falls, N. Y.
Hudson River Electric Power Co., Glens Falls, N. Y.
Hudson River Power Transmission Co., Glens Falls, N. Y.
Hudson River Water Power Co., Glens Falls, N. Y.
Hunt Electric Light Plant, Cedar Rapids, Ia.
Hunter Creek Water Co., Reno, Nev.
Iunterdon Electric & Power Co., High Bridge, N. J.
Huntsville Ry., Lt. & Pwr. Co., Birmingham, Ala.
Iuronian Co., Ltd., The, Copper Cliff, Ont.
Iuse Spool & Bobbin Co., Kingfield, Me.
Hyde Park Elec. Lt. Co., Boston, Mass.
Iydraulic Power & Light Co., Bellaire, Mich.
Iydro Elec. Co., Hood River, Ore.
Iydro-Electric Light & Power Co., Connersville, Ind.
Iydro-Electric Power Commission, Toronto, Ont.
Iydro-Electric Power Co., Theresa, N. Y.

daho-Oregon Light & Power Co., Boise, Idaho.
daho Power & Light Co., Boise, Idaho.
Idaho Power & Transportation Co., Salt Lake City, Utah.
daho Railway, Light & Power Co., Boise, Ida.
Idaho-Utah Electric Co., Salt Lake City, Utah.
Idaho-Washington Light & Power Co., Spokane, Wash.
dlewild Electric Light, Heat & Power Co., Federalsburg, Md.
Illinois Central Traction Co., Peoria, Ill.
Illinois Lakes Light & Power Co., Chicago, Ill.
linois Northern Utilities Co., Dixon, Ill.
linois Traction System, Peoria, Ill.
Illinois Valley Gas & Electric Co., Chicago, Ill.
Imperial Electric Light Co., Montreal, Que.
Independence Electric Co., The, Wichita, Kans.
ndependent Electric Co., Winlock, Wash.
ndependent Light & Power Co., Davenport, Ia.
ndian Valley Electric Light & Power Co., Greenville, Cal.
ndiana General Service Co., Elwood, Ind.
ndiana Lighting Co., La Fayette, Ind.
ndiana & Michigan Electric Co., South Bend, Ind.
ndiana Public Service Co., The, Aurora, Ind.
ndiana Railways & Light Co., Kokomo, Ind.
ndiana Utilities Co., Angola, Ind.
ndiana Water & Light Co., Worthington, Ind.
ndianapolis & Louisville Traction Railway Co., Scottsburg, Ind.
ndianola Ice, Light & Power Co., McAlester, Okla.
nstitute Electric Co., Salt Lake City, Utah.
nter-Borough Electric Co., Ambridge, Pa.
ntermountain Railway, Light & Power Co., The, Lamar, Colo.
nternational Electric Co., Eagle Pass, Texas.
nternational Gas Co., Nogales, Ariz.
nterstate Electric Corporation, New York, N. Y.
nterstate Light & Power Co., Galena, Ill.
nterstate Power Co., Atlanta, Ga.
nterstate Power Co. (Upper Iowa Power Co. Div.), Decorah, Ia.
nter-state Power Co., Armour, S. D.
nterstate Public Service Co., Indianapolis, Ind.
nterstate Public Service Corporation, Rochester, N. Y.

Interstate Railways Co., Camden, N. J.
Interurban Electric Co., Ltd., Toronto, Ont.
Interurban Electric Light & Pwr. Co., Madiera, O.
Iowa Electric Co., Marengo, Ia.
Iowa Gas & Electric Co., Missouri Valley, Ia.
Iowa Gas & Electric Co., Washington, Iowa.
Iowa-Minnesota Lt. & Pwr. Co., Dodge Center, Minn.
*Iowa-Nebraska Public Service Co., Norfolk, Neb.
Iowa Railway & Light Co., Cedar Rapids, Ia.
Iowa River Light & Power Co., Eldora, Ia.
Iron County Electric Light & Power Co., Ironton, Mo.
Iron Range Light & Power Co., Iron River, Mich.
Ironwood & Bessemer Railway & Light Co., Ashland, Wis.
Island Ltg. Co., Island Falls, Me.
Ivy Water, Light & Power Co., Pickens, S. C.

*Jaffrey & Troy Elec. Lt. Co., Fitzwilliam, N. H.
*Jamaica Electric Light Co., Borough of Queens, New York City.
*Jamaica Light & Power Co., Ltd., Kingston, Jamaica.
Jefferson County Pwr. & Lt. Co., Golden, Colo.
Jefferson Electric Co., Punxsutawney, Pa.
Jersey Corporation, The, Boonton, N. J.
Jersey Electric Co., Clinton, N. J.
Jim Creek Water, Light & Power Co., Arlington, Wash.
Juniata Co., The, Mifflin, Pa.

Kaministiquia Power Co., Fort William, Ont.
Kanawha Trac. & Elec. Co., Parkersburg, W. Va.
Kanes Falls Elec. Co., Glens Falls, N. Y.
*Kankakee Gas & Elec. Co., Chicago, Ill.
Kansas Electric Utilities Co., Emporia, Kans.
Kansas Gas & Electric Co., Wichita, Kans.
Kauai Electric Co., Ltd., Honolulu, Hawaii.
*Kennebunk Light & Heat Co., Augusta, Me.
Kennesaw Paper Co., Marietta, Ga.
*Kensington Electric Co., Philadelphia, Pa.
Kent Electric Co., Richibucto, N. B.
*Kentucky Electric Co., Covington, Ky.
*Kentucky Elec. Co., Louisville, Ky.
*Kentucky Heating Co., Louisville, Ky.
Kentucky Light & Power Co., Hartford, Ky.
Kentucky Public Service Co., Bowling Green, Ky.
Kentucky River Pwr. Co., Hazard, Ky.
Kentucky Utilities Co., Lexington, Ky.
*Kern River Co., Los Angeles, Cal.
*Keswick Electric Power Co., San Francisco, Cal.
Kettle River Power Co., Sandstone, Minn.
Key City Light & Power Co., Port Townsend, Wash.
*Keyes Elec. Co., Gowanda, N. Y.
*Knight Consolidated Power Co., Salt Lake City, Utah.
*Knoxville Elec. Lt. & Pwr. Co., Galesburg, Ill.
Kootenai Power Co., Ltd., Coeur d'Alene, Ida.
*Kootenay Electric Co., Kaslo, B.C.

"La Arrora" Cia de Luz Electrica Jiminez, Chihuahua, Mex.
La Belle Iron Works, Steubenville, Ohio.
La Cie de Gas Electricite et Pouvoir, St. Hyacinthe, Que.
Labrador Electric & Pulp Co., Ltd., The, Murray Bay, Que.
*Lachine Rapids Hyd. & Land Co., Ltd., Montreal, Que.
*Lackawanna Light Co., Scranton, Pa.
*Lackawanna Valley Electric Light & Power Supply Co., Scranton, Pa.
Laclede Gas Light Co., The, St. Louis, Mo.
*La Fayette Electric Light Plant, Galva, Ill.
*La Fayette Lt. & Pwr. Co., Cambridge, O.
*La Grange Service Co., Chicago, Ill.
Lake Dunmore Power & Traction Co., Bristol, Vt.
Lake Erie, Bowling Green & Napoleon Ry. Co., The, Bowling Green, Ohio.
Lake Shore Electric Plant, Saugatuck, Mich.
Lake Shore Electric Railway Co., Cleveland, Ohio.
Landers Power Co., Gould, Mont.
La Societe d'Eclairage & d'Energie Electrique du Sagunay, Chicoutimi, Que.
Lassen Electric Co., Susanville, Cal.
Laurel Creek Electric Co., Lawton, W. Va.
Laurentain Pwr. Co., Ltd., Quebec, Que.
Laval Electric Co., St. Therese, Que.
*Lawrence County Water Co., Aurora, Mo.
Lawrence County Water, Light & Cold Storage Co., Aurora, Mo.
*Lawrence Ry. & Lt. Co., Emporia, Kan.
Lebanon Valley Lt. & Pwr. Co , Newmanstown, Pa.
Lee Light & Power Co., Clarinda, Ia.
*Lee Electric Co., Clarinda, Ia.
Leflore County Gas & Electric Co., Poteau, Okla.
Lehigh Navigation Electric Co., Hauto, Pa.
*Lehigh & Northampton Light, Heat & Power Co., Allentown, Pa.
Lehigh Valley Light & Power Co., Allentown, Pa.
*Lemhi Power Co., Salmon, Ida.
Le Sueur County Electric Light & Power Co., Le Sueur, Minn.
Lewiston-Clarkston Improvement Co., Clarkston, Wash.
Lewiston, Augusta & Waterville Street Railway, Freeport, Me.
*Lexington Elec. Co., Heppner, Ore.

*Lexington Electric Light Co., Bloomington, Ill.
*Lexington Gas & Elec. Co., Boston, Mass.
*Leyden Light & Power Co., Chicago, Ill.
Liberty Light & Power Co., Richmond, Ind.
Light & Development Co. of St. Louis, The, St. Louis, Mo.
Light & Pwr. Co. of St. Cloud, Howard Lake, Minn.
Light, Heat & Power Co., Connersville, Ind.
Light, Heat & Power Corporation, The, Boston, Mass.
Light, Power & Mfg. Co., The, Willow Springs, Mo.
Light & Power Utilities Co., The, Banning, Cal.
*Lincoln Electric Light & Power Co., Ltd., Hamilton, Ont.
Lincoln Park Commissioners, Chicago, Ill.
*Little River Pwr. Co., Birmingham, Ala.
Little Spokane Power Co., Milan, Wash.
Little Wolf River Lumber Co., Manawa, Wis.
Livingston-Niagara Power Co., Avon, N. Y.
Long Acre Electric Light & Power Co., Borough of Manhattan, New York City.
Long Island Lighting Co., Borough of Manhattan, New York City.
Longvalley Light & Power Co., Kellogg, Ida.
Loudoun Light & Power Co., Purcellville, Va.
Louisville & Northern Railway & Lighting Co., Charlestown, Ind.
*Luzerne County Gas Co., Wilkes-Barre, Pa.
Luzerne County Gas & Electric Co., Plymouth, Pa.
Lycoming Edison Co., Williamsport, Pa.
Lykens Valley Lt. & Pwr. Co., Williamstown, Pa.
Lyman Falls Power Co., Groveton, N. H.

*Madison County Gas & Power Co., Glens Falls, N. Y.
Madison County Light & Power Co., Granite City, Ill.
Madison Light & Power Co., Marshall, North Carolina.
*Madison River Power Co., Butte, Mont.
*Mahoning & Shenango Ry. & Lt. Co., Youngstown, O.
Maine & New Brunswick Electrical Power Co., Ltd., Presque Isle, Me.
Maine Railways, Light & Power Co., Portland, Me.
Mallison Power Co., South Windham, Me.
Manatee Electric Co., Bradentown, Fla.
*Manufacturers Electric Co., Philadelphia, Pa.
*Marianna Elec. Co., Arkadelphia, Ark.
Marion County Electric Co., Knoxville, Ia.
*Marion Light, Heat & Power Co., Cedar Rapids, Ia.
*Marion Light, Heat & Power Co., Dixonville, Pa.
Marion Mines & Mills Co., Fairview, Colo.
*Marion Water & Electric Co., Florence, S. C.
Mariposa Commercial & Mining Co., Mt. Bullion, Cal.
Maritime Coal Railway & Power Co., Maccan, N. S.
Marquette County Gas & Electric Co., Ishpeming, Mich.
Marshall County Power & Light Co., The, Blue Rapids, Kans.
*Marshalltown Light, Power & Railway Co., Cedar Rapids, Ia.
Mascoma Electric Light & Gas Co., White River Junction, Vt.
Massachusetts Lighting Companies, Boston, Mass.
*Maywood-Proviso Electric Light & Power Co., Chicago, Ill.
*Medfield Electric Light & Power Co., Boston, Mass.
*Media Electric Light Heat & Power Co., Lansdowne, Pa.
*Medway Electric Light & Power Co., Boston, Mass.
*Menominee Falls Electric Light Co., Kenosha, Wis.
*Menominee Range Power & Development Co., Iron River, Mich.
*Mentone Power Co., Los Angeles, Cal.
Mercer County Light, Heat & Power Co., Greenville, Pa.
Mercersburg, Lehmaster & Markes Electric Co., Markes, Pa.
*Merchants Electric Light, Heat & Power Co., York, Pa.
Merchants Heat & Light Co., Indianapolis, Ind.
Merchants Light Co., Henderson, Neb.
Merchants Light & Power Co., Novinger, Mo.
*Merchants Light & Power Co., Salt Lake City, Utah.
*Merchants Lighting Co., Little Rock, Ark.
Merchants Power Co., Memphis, Tenn.
*Merrill Railway & Lighting Co., Wausau, Wis.
*Merrimac Electric Light, Heat & Power Co., Manchester, N. H.
*Messalonskee Electric Co., Augusta, Me.
*Methow Valley Power Co., Brewster, Wash.
Metropolitan Electric Co., Reading, Pa.
Mexican Light & Power Co., Mexico City, Mex.
Mexican Northern Power Co., Santa Rosalia, Chihuahua, Mex.
*Miami Light, Heat & Power Co., Dayton, Ohio.
Michel Water, Light & Power Co., Ltd., New Michel, B. C.
*Michigan-Lake Superior Power Co., The, Sault Ste. Marie, Mich.
Michigan Northern Power Co., Sault Ste. Marie, Mich.
Michigan Power Co., Lansing, Mich.
Michoacan Power Co., Guanajuato, Gto., Mex.
*Middle Creek Electric Co., Sunbury, Pa.
*Middlesex & Monmouth Electric Light, Heat & Power Co., Keyport, N. J.
*Middletown Electric Light Co., New London, Conn.
Middle West Utilities Co., Chicago, Ill.
*Midland Counties Gas & Electric Co., San Luis Obispo, Cal.
Midland Counties Public Service Corpn., San Luis Obispo, Cal.
Midland Water, Light & Ice Co., Dodge City, Kans.
Mill River Electric Light Co., Williamsburg, Mass.
Milling & Lighting Co., Brasher Falls, N. Y.
Milling & Power Co., Cassopolis, Mich.
Milton Light & Power Co., Boston, Mass.
Milwaukee & Fox River Valley Ry. Co., Sheboygan, Wis.
Miner County Milling & Lighting Co., Howard, S. D.

*Minersville Electric Light Co., Pottsville, Pa.
Minnesota Gas & Electric Co , Albert Lea, Minn.
Minnesota & Ontario Power Co., Minneapolis, Minn.
Minnesota Valley Power Co., Montevideo, Minn.
Mississippi River Power Co., Keokuk, Ia.
*Mississippi River Power Distributing Co., The, Webster Groves, Mo.
Missouri & Southeastern Utilities Co., The, Blytheville, Ark.
Missouri Electric Gas & Water Co., Cainsville, Mo.
Missouri Gas & Electric Service Co., Lexington, Mo.
Missouri Public Utilities Co., Cape Girardeau, Mo.
Missouri Valley Light & Power Co., Eldorado Springs, Mo.
Mohawk Hydro-Electric Co., Ephratah, N. Y.
Mohawk Valley Co., The, New York, N. Y.
Molalla Electric Co., The, Canby, Ore.
*Molalla Power Co., The, Canby, Ore.
Molina de la Union S. A., Toluca, Mexico, Mex.
*Molly's Falls Electric Light & Power Co., Montpelier, Vt.
*Monaca Electric Light Co., New Brighton, Pa.
*Mondovi Light & Power Co., Eau Claire, Wis.
Monongahela Valley Traction Co., Fairmont, W. Va.
Monmouth Lighting Co., Keyport, N. J.
*Montague Electric Light & Power Co., Turners Falls, Mass.
Montana Power Co., Butte. Mont.
*Montana Power Transmission Co., Butte, Mont.
Montezuma Electric Co., The, Mancos, Colo.
Montgomery Electric Light & Power Co., Canajoharie, N. Y.
Montgomery Light & Power Co., New Richmond, Ind.
Monument Mills Hydro-Electric Plant, Housatonic, Mass.
Moore Light & Power Co., Pagosa Springs, Colo.
Mora Light & Power Co., Inc., Cleveland, N. Mex.
*Morenci-Fayette Light & Power Co., Hudson, Mich.
*Morrillton Light & Power Co.. Arkadelphia. Ark.
Morris & Somerset Electric Co., Morristown, N. J.
Morris Electrical Power Co., Sterling, Kans.
*Morrison County Electric Light Co., Little Falls, Minn.
*Morton Light, Heat, Power & Water Co., Bloomington, Ill.
Mt. Konccti Light & Power Co., Lakeport, Cal.
Mt. Whitney Power & Electric Co., Visalia, Cal.
*Municipal Lt. & Pwr. Co., San Francisco, Cal.
Municipal Properties Investing Co., Denver, Colo.
Municipal Service Co., Philadelphia, Pa.
Murphy Power Co., Detroit, Mich.
Murray Electric Co., Monticello, N. Y,
*Muscle Shoals Hydro-Electric Power & Light Co., Birmingham, Ala.
Mutual Electric Co., Middleport, Ohio.
*Mutual Electric Light & Power Co. (of Alamosa), The, Denver, Colo.
Mutual Light, Heat, & Power Co., The, Glenwood Springs, Colo.
Mutual Light & Water Co., Brunswick, Ga.
Mutual Telep. Co , Liberal, Mo.
*Mystic Power Co., Westerly, R. I.

*N. W. Electric Co., Winnipeg, Man.
Napanee Water & Electric Light Co., Ltd., Newburg, Ont.
Napa Valley Electric Co., St. Helena, Cal.
Narragansett Electric Lighting Co., Providence, R. I.
Nashua River Paper Corpn., East Pepperell, Mass.
*Nassau Gas, Heat & Power Co., Mineola. N. Y.
Nassau Light & Power Co., Mineola, N. Y.
*Natick Gas & Electric Co., Boston, Mass.
*National Electric Co , Philadelphia, Pa.
National Gas, Electric Light & Power Co., Detroit, Mich.
National Light & Power Co., St. Louis, Mo.
National Properties Co., New York, N. Y.
Natrona County Electric Co., Casper, Wyo.
Navajo Ice & Cold Storage Co., Winslow, Ariz.
Nebraska Gas & Electric Co., Norfolk, Neb.
Nebraska Lighting Co., Plattsmouth, Neb.
*Neighborhood Light, Power & Heating Co., St. Louis, Mo.
Nelson & Hall Co., Montgomery Center. Vt.
Nemaha Valley Light, Heat & Power Co., Stella, Neb.
*Neshobe Electric Co., Brandon, Vt.
Neshonoc Light & Power Co., West Salem, Wis.
Nevada-California Elec. Corpn., Denver, Colo.
Nevada-California Power Co., Denver. Colo.
*Nevada Electric Co., Cedar Rapids, Iowa.
Nevada Valleys Pwr. Co., Lovelocks. Nev.
*New Castle County Electric Co., Wilmington, Del.
New England Co., Worcester. Mass.
New England Power Co., Shelburne Falls, Mass.
New England Securities Co., Boston, Mass.
New Hampshire Water & Electric Light Co., Fitzwilliam, N. H.
New Jersey Water & Light Co., Deal, N. J.
New Kingston Elec. Lt., Ht. & Pwr. Co., New Kingstown, Pa.
New Lisbon Gas Co., The. Lisbon, Ohio.
*New Midland Power & Traction Co , The, Cambridge, Ohio.
New Milford Power Co., The, Gaylordsville, Conn.
*Newport News Gas Co., Hampton, Va.
Newport News & Hampton Railway, Gas & Electric Co., Hampton, Va.
*Newport News & Old Point Railway & Electric Co.. Hampton, Va.
*Newton & Watertown Gas Lt. Co., Boston, Mass.
New Valley Junction Water & Light Co., The, Valley Junction, Iowa.
New York Edison Co., The, New York, N. Y.

New York & Ontario Power Co., Waddington, N. Y.
New York & Queens Electric Light & Power Co., The, Borough of Queens, New York City.
*New York & Queens Gas & Electric Co., Borough of Queens, New York City.
Niagara, Lockport & Ontario Power Co., Buffalo, N. Y.
Niagara & Lake Erie Power Co., Fredonia, N. Y.
*Nicolet Elec. Co., Shawinigan Falls, Quebec.
*Niellsville Elec. Co., Eau Claire, Wis.
Nipissing Power Co., Ltd., The, Toronto, Ont.
*Norfolk & Portsmouth Trac. Co., Richmond, Va.
North American Co., The, New York, N. Y.
*North Augusta Land & Hotel Co. Augusta, Ga.
North Carolina Electrical Power Co., Asheville, N. C.
North Carolina Public Service Co., Greensboro, N. C.
*North Charleroi Electric Co., Pittsburgh, Pa.
North Coast Power Co., Portland, Ore.
*North Hempstead Light & Power Co., Mineola, N. Y.
North Lancaster County Electric Co., Denver, Pa.
North Louisiana Light & Power Co., Arcadia, La.
North Missouri Light & Power Co., New London, Mo.
North River Electric Co., The, Bridgewater, Va.
North River Elec. Co., Ltd., St. Andrews, Que.
*North Shore Electric Co., Chicago, Ill.
North Shore Electric Light & Power Co., Port Jefferson, N. Y.
North Shore Light & Power Co., Ilwaco, Wash.
North Shore Power Co., Three Rivers, Que.
*North Washington Power & Reduction Co., Republic, Wash.
North Western Lumber Co., Stanley. Wis.
North Western Ohio Lt. Co., The, Van Wert, O.
*Northampton Electric Co., Philadelphia, Pa.
Northern Adirondack Power Co., Keeseville, N. Y.
Northern California Power Co., San Francisco, Cal.
Northern Central Co., New York, N. Y.
Northern Clarke County Light & Power Co., Yacolt, Wash.
Northern Commercial Co., Fairbanks, Alaska.
Northern Connecticut Light & Power Co., The, Thompsonville, Conn.
*Northern Electric Co., Baltimore, Md.
*Northern Electric Light & Power Co., Philadelphia, Pa.
*Northern Hydro-Electric Power Co., Green Bay, Wis.
Northern Idaho & Montana Power Co.. Sandpoint, Ida.
Northern Illinois Light & Traction Co., Ottawa, Ill.
Northern Indiana Gas & Electric Co., Hammond, Ind.
Northern Iowa Power Co., Humboldt, Ia.
*Northern Light Co., Morristown, N. Y.
Northern Light, Power & Coal Co., Ltd., Dawson, Yukon Ter.
*Northern Light & Power Co., San Francisco, Cal.
Northern Mississippi River Power Co., Minneapolis, Minn.
*Northern Montgomery Gas Co.. Philadelphia, Pa.
Northern New York Utilities, Inc., Watertown, N. Y.
*Northern Ohio Power Co., Akron, O.
Northern Ohio Traction & Light Co., Akron, O.
Northern Ontario Light & Power Co., Ltd., Haileybury, Ont.
Northern Power Co., Belle Plaine, Minn.
Northern Power Co., Potsdam, N. Y.
Northern States Power Co., Chicago, Ill.
Northern Telephone Co., Lansford, N. D.
Northern Texas Electric Co., Arlington, Tex.
Northern Texas Trac. Co., Handley, Tex.
Northern Texas Utilities Co., Dallas, Tex.
Northern Virginia Power Co., Winchester, Va.
Northern Wayne Electric Light & Power Co., Wolcott, N. Y.
Northern Westchester Lighting Co., Ossining, N. Y.
Northumberland County Gas & Electric Co., Sunbury, Pa.
Northwest Electric & Water Works, Montesano, Wash.
Northwest Light & Power Co., Hutchinson, Minn.
Northwest Light & Water Co., Wallace, Ida.
*Northwest Light & Water Co. of North Yakima, Portland, Ore.
Northwestern Barb Wire Co., Rock Falls, Ill.
*Northwestern Corporation, Portland, Ore.
Northwestern Electric Co., Portland, Ore.
*Northwestern Gas & Electric Co., Portland, Ore.
Northwestern Improvement Co., Red Lodge, Mont., and Roslyn, Wash.
Northwestern Light & Power Co., Mayville, Wis.
Northwestern Lumber Co., Stanley, Wis.
Northwestern Ohio Railway & Power Co., Toledo, O.
Norton Electric Light & Power Co., Chartley, Mass.

Oconee River Mills, (Electrical Dept.), Milledgeville, Ga.
Ohio Electric Railway Co., The, Springfield, O.
Ohio Lt. & Pwr. Co., Newark, O.
Ohio Pail Co., Middlefield, O.
Ohio Service Co., Cambridge, O.
Ohio State Pwr. Co., The, Fremont, O.
Ohio Valley Electric Co., Benwood, W. Va.
Ohio Valley Electric Railway Co., Huntington, W. Va.
Ohio & Western Utilities Co., New York, N. Y.
Okanagan Saw Mills, Ltd. (Elec. Lt. Plant), Enderby, B. C.
*Okanagan Water Power Co., Rossland, B. C.
Okanogan Valley Power Co., Brewster, Wash.
*Old Town Electric Co., Bangor, Me.
Olympic Power Co., Port Angeles, Wash.
*Oneida Light & Power Co., Galva, Ill.

Ontario Light & Traction Co., Canandaigua, N. Y.
Ontario Power Co. of Niagara Falls, The, Niagara Falls, Ont.
Orange County Lighting Co., Middletown, N. Y.
Orange County Pwr. Co., Port Jervis, N. Y.
Orange & Rockland Electric Co., Monroe, N. Y.
Oregon Power Co., Eugene, Ore.
*Oregon Water Power & Railway Co., Portland, Ore.
Orient Consolidated Pure Ice Co., Hamlin, Tex.
Oro Electric Corporation, Oroville, Cal.
*Orwigsburg Light, Heat & Power Co., Pottsville, Pa.
Osage County Light & Pwr. Co., Lyndon, Kans.
Osceola Light & Power Co., Reed City, Mich.
Oslo Power & Light Co., Manitowoc, Wis.
*Ossipee Valley Pwr. Co., Biddeford, Me.
Oswegatchie Light & Power Co., Gouverneur, N. Y.
Oswego River Power Transmission Co., Syracuse, N. Y.
Otonabee Power Co., Ltd., Peterboro, Ont.
Ottawa & Hull Power & Mfg. Co., Ltd., Hull, Que.
Otter Tail Power Co., Fergus Falls, Minn.
Ouleout Valley Tel. Co., Franklin, N. Y.
*Ouray Electric Power & Light Co., Montrose, Colo.
*Overbrook Electric Co., Philadelphia, Pa.
*Oyster Bay Electric Light & Power Co., Mineola, N. Y.
*Owensboro Gas Light Co., Bowling Green, Ky.
Ozark Power & Water Co., Branson, Mo.

*Pacific Coast Power Co., Seattle, Wash.
*Pacific Electric Co., Webster Groves, Mo.
Pacific Gas & Electric Co., Phoenix, Ariz.
Pacific Gas & Electric Co., San Francisco, Cal.
Pacific Lighting Corporation, San Francisco, Cal.
*Pacific Light & Power Co., Los Angeles, Cal.
Pacific Light & Power Corporation, Los Angeles, Cal.
Pacific Northwest Traction Co., Mt. Vernon, Wash.
Pacific Power Co., Bodie, Cal.
Pacific Power & Light Co., Portland, Ore.
Panola Electric Light & Power Co., Sardis, Miss.
Panther Valley Electric Co., Lansford, Pa.
*Panther Valley Electric Light, Heat & Power Co., Lansford, Pa.
Papineauville Electric Co., Ltd., Portage de La Nation, Quebec.
*Park City Light, Heat & Power Co., Salt Lake City, Utah.
*Parkesburg Electric Light, Heat & Power Co., Coatesville, Pa.
Park Place Wtr. & Lt. Co., Houston, Tex.
Parr Shoals Power Co., Columbia, S. C.
*Parsons Ry. & Lt. Co., Emporia, Kans.
Patapsco Electric & Mfg. Cos. of Md. & Del., Ellicott City, Md.
Paul Smith's Electric Light & Power & R. R. Co., Saranac Lake, N. Y.
*Paulding County Power Co., Dallas, Ga.
Paupack Electric Co., Hawley, Pa.
Peaks Island Light Co., Portland, Me.
Pea River Power Co., Elba, Ala.
Pecos Valley Gas & Electric Co. of New Mexico, Artesia, New York.
*Pell City Lt. & Pwr. Co., Birmingham, Ala.
*Pekin Light, Heat & Power Co., Peoria, Ill.
Pendleton Lighting Co., Antun, S. C.
Peninsula Light & Power Co., Tasley, Va.
*Peninsular Elec. Lt. Co., Detroit, Mich.
Peninsular Light & Power Co., Denton, Md.
Peninsular Power Co., Madison, Wis.
Peninsular Railway Co., Campbell, Cal.
Penn Central Light & Power Co., Altoona, Pa.
Penn Central Power & Transmission Co., Williamsburg, Pa.
Penn Electric Service Co., Somerset, Pa.
Penn Hydro Electric Co., Petersburg, Pa.
Penn Public Service Co., Clearfield, Pa.
Pennamaquan Power Co., Pembroke, Me.
Pennsylvania Elec. Co., New York, N. Y.
*Pennsylvania Heat, Light & Power Co., Philadelphia, Pa.
Pennsylvania Lighting Co., Shamokin, Pa.
Pennsylvania Light & Power Co., Allegheny, Pa.
Pennsylvania Power Co., Ellwood City, Pa.
Pennsylvania Utilities Co., Easton, Pa.
Pennsylvania Water & Power Co., Holtwood, Pa.
Penobscot Bay Electric Co., Bucksport, Me.
Peoples Electric Co., The, Morrow, Ohio.
Peoples Electric & Ice Co., Montgomery, Ala.
Peoples Electric Light Co , The, Paola, Kansas.
Peoples Electric Light & Power Co., Silver Creek, N. Y.
*Peoples Elec. Lt. & Pwr. Co., Burlington, Vt.
Peoples Gas & Electric Co., Savanna, Ill.
Peoples Gas & Electric Co., Mason City, Ia.
*Peoples Gas & Electric Co., Chillicothe, Mo.
Peoples Gas & Electric Co., Oswego, N. Y.
*Peoples Gas Light Co., Rutland, Vt.
Peoples Incandescent Light Co., Meadville, Pa.
Peoples Land & Mfg. Co., Oconto, Wis.
Peoples Light Co., Davenport, Ia.
Peoples Light Co., Corpus Christi, Tex.
*Peoples Light & Heat Co., Indianapolis, Ind.
*Peoples Light, Heat & Power Co., The, Springfield, O.
Peoples Light, Heat & Power Corpn., Westpoint, Va.
Peoples Lt. & Ice Plant, The, Ellsworth, Kan.

eoples Light & Power Co., Gallup, N. Mexico.
eoples Light & Power Co., Vermilion, O.
eoples Power Co., Moline, Ill.
erry County Public Utilities Co., Perryville, Mo.
erry Electric Light, Heat & Power Co., Newport, Pa.
erry Electric Light, Heat & Power Co., Cedar Rapids, Ia.
eterboro Elec. Co., Keene, Neb.
eru Electric Light & Power Co., East Peru, Ia.
iladelphia Co., Pittsburg, Pa.
hiladelphia Suburban Electric Co., Lansdowne, Pa.
oenix Co., The, Harrington, Del.
hoenix Electric Co., Butte, Mont.
ctou County Electric Co., Ltd., Stellarton, N. S.
edmont Railway & Electric Co., Burlington, N. C.
ke County Electric Light Plant, Petersburg, Ind.
ke County Electric Light & Power Co., Bowling Green, Mo.
ike County Lt & Pwr. Co. Matamoras, Pa.
ike Light & Power Co., Pikeville, Ky.
ikes Peak Power Co., Pueblo. Colo.
illiod Lt. & Pwr. Co., Grand Rapids, O.
ne River Light & Power Co., Orangeville, Ont.
oneer Electric & Power Co., Eufaula, Okla.
scataquis Woolen Co., Guilford, Me.
ttsford Power Co., Rutland, Vt.
lankinton Electric Light & Power Co., Milwaukee, Wis.
anters Cotton Oil Co., Des Arc, Ark.
anters Oil Mill, Tunica, Miss.
anters Oil Mill & Gin Co., Kosciusko, Miss.
umas Light & Power Co., Greenville, Cal.
ontiac Power Co., Jackson, Mich.
po Agie Light & Power Co., Riverton, Wyo.
ortland, Gray & Lewiston Railroad, Lewiston, Me.
rtland Power & Development Co., Damariscotta, Me.
rtneuf Hydraulic Co., Ltd., Deschambault, Que.
rto Rico Railway, Light & Power Co., San Juan, P. R.
rto Rico Railways Co , Ltd., San Juan, P. R.
ortsmouth, Dover & York Street Railway Co., Sanford, Me.
tomac Electric Power Co., Washington, D. C.
otosina Electric Co., San Luis Potosi, Mex.
well Valley Light & Power Co., Big Stone Gap, Va.
owelton Electric Co., Philadelphia, Pa.
airie City Electric Co., Prairie-du-Chien, Wis.
esumpscott Electric Co., Westbrook, Me.
riceburg Electric Light Co., Scranton, Pa.
ince George Elec. Lt. & Pwr. Co., Inc., Hopewell, Va.
ogress Co., The, Murray, Utah.
rosser (Wash.) Power Co., Portland, Ore.
rovincial Light, Heat & Power Co., Montreal, Que.
iblic Elec. Lt. Co., St. Albans, Vt.
iblic Service Co., Livermore, Ky.
ublic Service Co., St. Cloud, Minn.
iblic Service Co. of Northern Illinois, Chicago, Ill.
iblic Service Co. of Western Kentucky, Hickman, Ky.
iblic Service Co. of Oklahoma, Oklahoma, Okla.
iblic Service Electric Co., Newark, N. J.
iblic Service Investment Co. Boston, Mass.
iblic Service Operating Co., Owatonna, Minn.
ublic Utilities Co., Americus, Ga.
iblic Utilities Co., Carlsbad, N. Mex.
ublic Works Co., The, Bangor, Me.
uerto Principe Electric Co., Camaguey, Cuba.
iget Sound Electric Ry., Tacoma, Wash.
iget Sound International Ry. & Power Co., Everett, Wash.
uget Sound Power Co., Seattle. Wash.
iget Sound Traction, Light & Power Co., Bellingham and Seattle, Wash.
itnam Electric Co., Greencastle, Ind.
tnam Mills & Power Co., Eatonton, Ga.

ianah (Tex.) Ice & Light Co., New York, N. Y.
ieens Borough Gas & Electric Co., Borough of Queens, New York City.

ilway & Light Securities Co., Boston, Mass.
inier Heat & Power Co., Seattle, Wash.
ndolph Power Co., Randleman, N. C.
ppahannock Electric Light & Power Co., The, Fredericksburg,Va.
awson Light & Power Co., Worcester, Mass.
ayne Electric Co., Dixonville, Pa.
ystown Water Power Co., The, Huntingdon, Pa.
ading Light & Power Co., Felchville, Vt.
d Bank Electric Co., New Bethlehem, Pa.
ed Bluff Gas Co., San Francisco, Cal.
d Cedar Valley Electric Co., Rice Lake, Wis.
edding Electric Light & Power Co., San Francisco, Cal.
d Lands Irrigation & Power Co., Grand Junction, Colo.
ed River Farm & Land Co., The, Crookston, Minn.
d River Lumber Co., Akeley, Minn.
d River Power Co., Grand Forks, N. D.
edy River Power Co., Laurens, S. C.
nfrew Flour Mills, Ltd., The, Pakenham, Ont.
nville County Electric Co., Bird Island, Minn.
public Railway & Light Co., Youngstown, O.

*Reservation (Wash.) Electric Co., Portland, Ore.
Rhea County Electric Light Co., Dayton, Tenn.
Rhode Island Pwr. Trans. Co., Pawtucket, R. I.
*Richfield Springs Electric Light & Power Co., Cooperstown, N. Y.
Richmond Light & Railroad Co., Borough of Richmond, New York City.
Rideau Power Co., Ltd., Merrickville, Ont.
*Ridgeville Electric Light Co., Winchester, Ind.
*Ridgway Electric Co., Montrose, Colo.
River Falls Power Co., Prescott, Wis.
*Rivermont Street Railway Co., Lynchburg, Va.
Riverside Light, Power & Gas Co., Abilene, Kan.
Riverside Light & Power Co., Waynesboro, Va.
*Roanoke Navigation & Water Power Co., Weldon, N. C.
Roanoke River Development Co., Weldon, N. C.
Roaring Fork Electric Light & Power Co., The, Aspen, Colo.
*Rochester Light & Power Co., Detroit, Mich.
*Rochester Electric Co., New Brighton, Pa.
Rockafellow Grain Co., (Elec. Lt. Plant), Carson City, Mich.
Rockford Electric Co., Maryville, Tenn.
Rockingham County Light & Power Co., Portsmouth, N. H.
*Rockland Electric Co., Nyack, N. Y.
Rockland Electric Co. of New Jersey, Closter, N. J.
Rockland Light & Power Co., Nyack, N. Y.
*Rock River Lt. & Pwr. Co., Dixon, Ill.
Rock Spring Electric Co., Strasburg, Va.
*Rockville Gas & Electric Co., Willimantic, Conn.
Rockville-Willimantic Lighting Co., The, Willimantic, Conn.
Rockwell-White Pwr. Co., Bellevue, Ida.
Rocky Mountain Hydro-Electric Co., Lyons, Colo.
Rogue River Electric Light & Power Co., Rockford, Mich.
*Roland Park Electric & Water Co., Baltimore, Md.
*Rondout & Kingston Gas Co., Kingston, N. Y.
Root River Pwr. & Lt. Co., Preston, Minn.
Rose Milling Co., Wild Rose, Wis.
*Roslyn Light & Power Co., Mineola, N. Y.
Rowland Lumber Co., Bowdens, N. C.
*Royal Electric Co., Montreal, Que.
Royal Electric Light Co., Ltd., The, Royal Centre, Ind.
Royal Light & Power Co., Delavan, Ill.
*Russel Robison Wtr. & Elec. Co., Arroyo Grande, Cal.
Ryegate Light & Power Co., South Ryegate, Vt.

St. Bernard Mining Co. (Elec. Lt. Dept.), Earlington, Ky.
St. Clair County Gas & Electric Co., Belleville, Ill.
*St. Clair Edison Co., Detroit, Mich.
St. Croix Gas Light Co., Calais, Me.
St. Croix Power Co., Somerset, Wis.
St. Francis Water Power Co., Thetford Mines, Que.
St. Helens Ore Mill & Power Co., Castle Rock, Wash.
St. Johns Light & Power Co., St. Augustine, Fla.
St. Lawrence International Electric R. R. & Land Co., Alexandria Bay, N. Y.
St. Lawrence Power Co., Ltd., Cornwall, Ont.
St. Lawrence River Power Co., Massena, N. Y.
*St. Maries Lt. & Pwr. Co., Spokane, Wash.
St. Marys Monastery Elec. Lt. Plant, Richardton, N. D.
St. Maurice Light & Power Co., The, Shawinigan Falls, Que.
*St. Paul Electric Light & Power Co., Montreal, Que.
St. Tammany Ice & Mfg. Co., Ltd., Covington, La.
*Sacramento Valley Power Co., The, San Francisco, Cal.
*Sadsbury Township Elec. Co., Coatesville, Pa.
*Saginaw-Bay City Railway & Light Co., Jackson, Mich.
*Salida Light, Power & Utility Co., The, Denver, Colo.
*Salisbury & Spencer Railway Co., Greensboro, N. C.
Salmon Falls Light & Power Co., Ltd., Payette, Ida.
Salmon River Power Co., Buffalo, N. Y.
Sampson Power Co., Clinton, N. C.
*San Benito Light & Power Co., Santa Cruz, Cal.
San Joaquin Light & Power Corpn., Fresno, Cal.
*San Juan Water & Power Co., Montrose, Colo.
Sand Springs Railway Co., Tulsa, Okla.
Sandwich-Windsor & Amherstburg Ry., Windsor, Ont.
*Sandy Hill Electric Light & Power Co., Hudson Falls, N. Y.
Sandy Valley Light & Power Co., Inc., The, Pikeville, Ky.
Sanitary District of Chicago, The, Chicago, Ill.
Santa Catalina Island Co., Avalon, Cal.
*Saraguay Electric & Water Co., Montreal, Que.
*Saratoga Gas & Electric Co., Glens Falls, N. Y.
Sauble Falls Light & Power Co., Wiarton, Ont.
Saugeen Electric Light & Power Co., Ltd., Southampton, Ont.
Schenectady Power Co., Schaghticoke, N. Y.
Schodack Light & Power Corporation, Castleton, N. Y.
Schuylkill Gas & Electric Co., The, Mahanoy City, Pa.
Schuylkill Light, Heat & Power Co., Centralia, Pa.
*Schuylkill Valley Illuminating Co., Philadelphia, Pa.
Scott County Milling Co., Oran, Mo.
Scranton & Binghamton Railroad Co., Dalton, Pa.
*Scranton & Binghamton Traction Co., Dalton, Pa.
*Sebasticook Power Co., Augusta, Me.
Security Investment Co. (Lt. & Pwr. Dept.), Lemmon, S. D.
Seely Elec. Co., The, Spencer, N. Y.
Seneca River Power Co., Baldwinsville, N. Y.
Seven Cities Co., Russellville, Ark.

*Sevier Light, Power & Milling Co., Salina, Utah.
Seward Peninsula Power Co., Nome, Alaska.
Seymour Power & Electric Co., Ltd., Campbellford, Ont.
*Sheffield Electric Light Co., Kewanee, Ill.
Shenandoah River Light & Power Corporation, Luray, Va.
Shenango Valley Electric Light Co., Sharon, Pa.
Sherman's Valley Light, Heat & Power Co., Loysville, Pa.
Shipton Elec. Lt. & Pwr. Co., Danville, Que.
Shoshone Electric Light & Power Co., Cody, Wyo.
Sierra Pacific Electric Co., Reno, Nev.
Sierra & San Francisco Power Co., San Francisco, Cal.
*Simcoe Railway, Light & Power Co., Midland, Ont.
Similkameen Power Co., Oroville, Wash.
*Sinking Spring Elec. Lt., Ht. & Pwr. Co., Holtwood, Pa.
Sioux Valley Power Co., Canton, S. D.
Skamania Light & Power Co., Stevenson, Wash.
*Skowhegan Electric Light Co., Augusta, Me.
*Smith Cooperage Co., The, (Elec. Lt. Dept.), Livermore, Ky.
Snow Mountain Water & Power Co., Ukiah, Cal.
Solar Electric Co., Brookville, Pa.
*Solon Electric Co., Augusta, Me.
*Somerville Electric Light Co., Boston, Mass.
*South Bend Electric Co., Raymond, Wash.
*Southbridge Gas & Electric Co., Webster, Mass.
South Carolina Light, Power & Railways Co., Spartanburg, S. C.
South Dakota Lt. & Pwr. Co., Armour, S. D.
*South Electric Co., Pittsburgh, Pa.
*South Florida Gas & Electric Light Co., Orlando, Fla.
*South Fork Electric Light, Heat & Power Co., Somerset, Pa.
South Kentucky Power Co., Pembroke, Ky.
*South Kootenay Water Power Co., Rossland, B. C.
South Park Commissioners, Chicago, Ill.
South Side Gas & Electric Co., Mesa, Ariz.
*South Yuba Water Co., San Francisco, Cal.
Southern California Edison Co., Los Angeles, Cal.
Southern Canada Power Co., Ltd., Drummondsville, Quebec.
Southern Dutchess Gas & Electric Co., Beacon, N. Y.
*Southern Electric Light & Power Co., Philadelphia, Pa.
*Southern Idaho Light, Heat & Power Co., Boise, Idaho.
Southern Idaho Water Power Co., Pocatello, Ida.
Southern Illinois Light & Power Co., Hillsboro, Ill.
Southern Illinois Railway & Power Co., Harrisburg, Ill.
Southern Indiana Power Co., Bedford, Ind.
Southern Iowa Railway & Light Co., Albia, Iowa.
Southern Lt. & Trac. Co., New York, N. Y.
Southern Michigan Lt. & Pwr. Co., Hudson, Mich.
Southern Minnesota Power Co., The, Spring Valley, Minn.
Southern Neb. Pwr. & Devel. Co., Superior, Neb.
Southern New York Power Co., Walton, N. Y.
Southern Power Co., Charlotte, N. C.
Southern Public Utilities Co., Charlotte, N. C.
Southern Railway & Light Co., Natchez, Miss.
Southern Sierras Power Co., Denver, Colo.
Southern Utah Pwr. Co., Richfield, Utah.
Southern Utilities Co., Jacksonville, Fla.
Southern Utilities Co., Lockhart, Tex.
Southern Wisconsin Power Co., Madison, Wis.
*Southwest Electric Co., Pittsburgh, Pa.
Southwestern Cities Electric Co., New York, N. Y.
Southwestern Gas & Electric Co., Texarkana, Ark. and Shreveport, La.
*Southwestern General Gas Co., Chicago, Ill.
Southwestern Milling & Electric Co., San Marcial, N. Mex.
Southwestern Power & Light Co., New York, N. Y.
*Sparks Water Co., Reno, Nev.
Sparrow-Kroll Lumber Co., Kenton, Mich.
*Sparta Electric Light & Power Co., Chattanooga, Tenn.
*Spearfish Elec. Lt. & Pwr. Co., Deadwood, S. D.
Spencer Elec. Lt. & Pwr. Co., Belding, Mich.
Spencer Mountain Mills, Lowell, N. C.
Spottsylvania Pwr. Co., Fredericksburg, Va.
*Spring River Power Co., The, Joplin, Mo.
*Springfield Electric Co., Philadelphia, Pa.
*Spring Valley Lt. & Pwr. Co., Eau Claire, Wis.
*Stadacona Hydraulic Co., The, Quebec, Que.
*Standard Electric Co., The, San Francisco, Cal.
*Standard Electric Co., Wilkes-Barre, Pa.
Standard Electric Light Co., Kansas City, Kan.
Standard Gas & Electric Co., Chicago, Ill.
Standard Light, Heat & Power Co., Unadilla, N. Y.
*Standard Light & Power Co., Ltd., Montreal, Quebec.
*Star Electric Co., Dubuque, Ia.
Star Enterprise, Inc., The, Brooksville, Fla.
Star Milling & Electric Co., Howe, Ind.
Stark County Power Co., Wyoming, Ill.
State-Centre Electric Co., State College, Pa.
Steamboat Service Co., The, Steamboat Springs, Colo.
Stearns Ltg. & Pwr. Co., The, Ludington, Mich.
Sterling Consolidated Electric Co., Williamstown, Pa.
*Sterling, Dixon & Eastern Electric Ry. Co., Dixon, Ill.
*Sterling Hydraulic Co., Rock Falls, Ill.
Stevens County Power & Light Co., Colville, Wash.
Stillwater Valley Electric Plant, West Milton, Ohio.
*Stockdale Electric Co., Pittsburgh, Pa.

Stone Fort Power Co., Winchester, Tenn.
Stone & Webster Management Association, Boston, Mass.
Stormont Electric Light & Power Co., Ltd., Cornwall, Ont.
*Strasburg Elec. Co., Cambridge, O.
Strathmore Paper Co., Woronoco, Mass.
*Sturgeon Falls Electric Light & Power Co., Haileybury, Ont.
*Suburban Electric Co., Covington, Ky.
*Suburban Electric Co., Philadelphia, Pa.
*Suburban Electric Light & Power Co., Webster Groves, Mo.
Suburban Gas & Electric Co., Decatur, Ga.
Suburban Gas & Electric Co., Revere, Mass.
*Suburban Light & Power Co., Boston, Mass.
Suburban Power Co., Niagara Falls, N. Y.
Suffolk Gas & Electric Co., Bay Shore, N. Y.
Suffolk Light, Heat & Power Co., Southampton, N. Y.
Sullivan Pwr. Co., Laurens, S. C.
Sultepec Electric Light & Power Co., Toluca, Mex., Mex.
Summit County Power Co., The, Denver, Colo.
*Sumpter (Ore.) Lt. & Wtr. Co., Wallace, Ida.
Sunnyside Elec. Co., Wheeling, W. Va.
Surprise Valley Electric Light & Power Co., Cedarville, Cal.
Susquehanna Electric Co., Mahaffey, Pa.
Swan Falls Co., Fryeburg, Me.
Sweat-Cummings Co., Richford, Vt.
*Sweetwater Electric Light Plant, Chattanooga, Tenn.
Swett Elec. Co., A. L., Medina, N. Y.
Syndicate Heat & Power Co., Tacoma, Wash.

*Tagona Water & Light Co., Sault Ste. Marie, Ont.
*Tama & Toledo Electric Ry. & Light Co., Cedar Rapids, Ia.
Tarran County Trac. Co., Burleson, Tex.
*Tay Electric Light Co., Ltd., The, Perth, Ont.
*Tehama Electric Co., San Francisco, Cal.
*Telluride Electric Light Co., The Montrose, Colo.
*Telluride Pwr. Co. (Colo. Dept.), The, Montrose, Colo.
Telluride Pwr. Co. of Texas, Teague, Tex.
*Telluride Power Co. (Idaho & Utah Dept.), The, Salt Lake City, Utah.
*Temple Electric Co., Montreal, Que.
Tennessee Eastern Electric Co., Johnson City, Tenn.
Tennessee Power Co., Chattanooga, Tenn.
Tennessee Railway, Light & Power Co., Chattanooga, Tenn.
Tennessee Valley Lt. & Pwr. Co., Shelbyville, Tenn.
Tenney & Co., Charles H., Boston, Mass.
Tenpas Iron Works, Clymer, N. Y.
Texas-Pacific Mercantile & Mfg. Co., Thurber, Tex.
Texas Power & Light Co., Dallas, Texas.
Texas Public Service Co., Mt. Pleasant, Texas.
Texas Southern Electric Co., Victoria, Tex.
*Thompson Falls Pwr. Co., Butte, Mont.
*Thomson-Houston Elec. Lt. & Pwr. Co., Quincy, Ill.
Thornapple Gas & Electric Co., Hastings, Mich.
*Thornton Light & Pwr. Co., Charlotte, N. C.
*Thousand Islands Electric Light & Power Co., Ltd., Clayton, N. Y.
Three States Lumber Co., Burdette, Ark.
*Tibbe Electric Co., Webster Groves, Mo.
Tidewater Power Co., Wilmington, N. C.
Tillamook Public Service Co., Bay City, Ore.
Toledo, Bowling Green & Southern Traction Co., Findlay, O.
Toledo & Indiana Railroad Co., Wauseon, Ohio.
Tonawanda Power Co., North Tonawanda, N. Y.
Tonopah Placers Co., Breckenbridge, Colo.
Toronto Suburban Railway Co., The, West Toronto, Ont.
Totokett Mfg. Co., Versailles, Conn.
Towaliga Falls Power Co., Griffin, Ga.
Traction Lt. & Pwr. Co., Anderson, Ind.
Tri-City Railway & Light Co., Davenport, Ia.
Tri-County Light & Power Co., Aledo, Ill.
Trinidad Electric Co., Ltd., The. Port of Spain, Trinidad.
Truckee River General Electric Co., Reno, Nev.
Trumbull Public Service Co., The, Warren, O.
Tualitin Valley Electric Co., Sherwood, Ore.
*Tulare County Pwr Co., Visalia, Cal.
Tumwater Light & Water Co., Leavenworth, Wash.
Tuolumne County Electric Power & Light Co., Sonora, Cal.
Tuolumne Electric Co., Groveland, Cal.
*Tuolumne Water Power Co., San Francisco, Cal.
Turkey River Power Co., West Union, Ia.
*Twin City Electric Co., Raymond, Wash.
Twin State Gas & Electric Co., Dover, N. H.
*Twin Village Water Co., Damariscotta, Me.
Two Miles Falls Water Power Co., Weedon, Que.
Tyler Light & Power Co., Vernon, N. Y
Tyrone Electric Co., Christopher, Ill.

Ulster Electric Light, Heat & Power Co., Saugerties, N. Y.
Uncas Power Co., The, Scotland, Conn.
Union Central Light & Ice Co., Hubbard City, Tex.
Union Co. of Omaha, Omaha, Neb.
Union Electric Co., Dubuque, Ia.
Union Electric Co., Dillon, Mont.
Union Electric Co., The, Whitney Point, N. Y.

*Union Electric Co., Manchester, N. H.
Union Electric Light & Power Co., Unionville, Conn.
Union Electric Light & Power Co., St. Louis, Mo.
*Union Gas & Electric Co., Augusta, Me.
Union Gas & Electric Co., The, Cincinnati, O.
Union Light, Heat & Power Co., Covington, Ky.
Union Light, Heat & Power Co., Fargo, N. D.
Union Light & Power Co., Franklin, Mass.
Union Light & Power Co., Junction City, Kan.
Union Light & Water Co., Milford Center, O.
Union Pacific Coal Co., Cumberland, Wyo.
*Union Pwr. Co., St. Cloud, Minn.
Union Railway, Gas & Electric Co., New York, N. Y.
Union Service Co., Chariton, Iowa.
*United Electric Co., Chicago, Ill.
United Electric Co., Burr Oak, Mich.
United Electric Co., The, Lemoyne, Pa.
*United Electric, Gas & Power Co., Los Angeles, Cal.
United Electric Light Co., Springfield, Mass.
United Electric Light Co., Wilmerding, Pa.
*United Electric Light & Power Co., The, Baltimore, Md.
United Electric Light & Power Co., The, New York, N. Y.
United Electric Light & Water Co., The, Waterbury, Conn.
*United Gas Co., Wichita, Kans.
United Gas & Electric Co., Litchfield, Ill.
United Gas & Electric Co., New Albany, Ind.
United Gas & Electric Corporation of Connecticut, New York, N. Y.
United Gas & Electric Engineering Corpn., New York, N. Y.
United Gas, Electric Light & Fuel Co., Hudson Falls, N. Y.
United Gas Improvement Co., The, Philadelphia, Pa.
United Heat, Light & Power Co., Delavan, Wis.
United Heat & Power Co., Stoyestown, Pa.
United Hydro-Electric Co., The, Georgetown, Colo.
United Illuminating Co., The, New Haven, Conn.
United Lighting Co., Albion, Pa.
*United Light Co., Pittsburgh, Pa.
United Light, Fuel & Power Co., Coronado, Cal.
United Light & Power Co., Geneva, O.
*United Light & Power Co., Sunbury, Pa.
United Light & Railways Co., Grand Rapids, Mich.
United Mica Co., Grafton Center, N. H.
*United Missouri River Power Co., Butte, Mont.
*United Pwr. & Lt. Co., Butler, Pa.
United Railways Investment Co., San Francisco, Cal.
United Service Co., Scranton, Pa.
*United States Electric Lighting Co., Washington, D. C.
*United States Gypsum Co., Batavia, N. Y.
United States Reclamation Service, Phoenix, Ariz.
United Towns Electric Co., The, Carbonear, Newfoundland.
United Water, Gas & Electric Co., Hutchinson, Kan.
Universal Elec. & Gas Co., San Francisco, Cal.
Upper Hudson Electric & Railroad Co., Catskill, N. Y.
Upper Verde Public Utilities Co., Jerome, Ariz.
Urbana & Champaign Ry., Gas & Electric Co., Champaign, Ill.
*Utah-Idaho Sugar Co., Salt Lake City, Utah.
Utah Power & Light Co., Salt Lake City, Utah.
*Utilities Improvement Co., New York, N. Y.

*Valley Electric Co., New Brighton, Pa.
*Valley Light & Power Co., Maumee, O.
Valley Light & Power Co., Woodstock, Va.
Valley Power Co., Elkton, Va.
*Valley Power Co., Wenatchee, Wash.
*Valley Township Elec. Co., Coatesville, Pa.
Vancouver Island Power Co., Victoria, B. C.
*Vassalboro Electric Light & Power Co., Augusta, Me.
Ventura County Power Co,, Oxnard, Cal.
Vermont Marble Co., Proctor, Vt.
*Vermont Power & Lighting Co., Montpelier, Vt.
*Vermont Power & Mfg. Co., St. Albans, Vt.
Vermont Soapstone Co., Perkinsville, Vt.
*Vernon Light & Power Co., Mt. Pleasant, Tex.
*Victoria Elec. Lt. Plant, Galva, Ill.
Vineyard Lighting Co., Oak Bluffs, Mass.
*Virginia Light & Power Co., Fredericksburg, Va.
Virginia & Ohio Securities Corpn., New York, N. Y.
*Virginia Passenger & Power Co., Richmond, Va.
Virginian Power Co., The, Charleston, W. Va.
Virginia Railway & Power Co., Richmond, Va.
Virginia-Western Electric Co., Clifton Forge, Va.
Visayan Electric Co., Cebu, P. I.
Vulcan Elec. Lt., Ht. & Pwr. Co., Cape May C. H., N. J.

Wabash Valley Utilities Co., Ft. Wayne, Ind.
Wade Elec. Lt. & Pwr. Co., Clanton, Ala.
Wallkill Valley Electric Light & Power Co., Walden, N. Y.
Wapsie Power & Light Co., Mt. Vernon, Ia.
Ware County Light & Power Co., Waycross, Ga.
*Warfield Elec. Co., Bemidji, Minn.
Warren Wood-Working Co. (Elec. Lt. Dept.), Belvidere, N. J.
*Washington County Light & Power Co., Stillwater, Minn.

*Washington Elec. Lt. Co., Litchfield, Conn.
*Washington Light & Power Co., Peoria, Ill.
*Washington-Oregon Corporation, Portland, Ore.
*Washington-Oregon Utilities Co., Portland, Ore.
Washington Public Service Co., Olympia, Wash.
Washington Water Power Co., The, Spokane, Wash.
Washita Electric Power Co., Pauls Valley, Okla.
*Washoe County Power & Development Co., Reno, Nev.
*Washtenaw Light & Power Co., Detroit, Mich.
*Wataga Elec. Lt. Plant, Galva, Ill.
Watauga Power Co., Elizabethton, Tenn.
*Waterbury Light & Power Co., Montpelier, Vt.
Waterford Public Utilities Co., New Waterford, N. S.
Water, Light & Transit Co., Carrollton, Mo.
Water, Power & Mining Co., The, Dahlonega, Ga.
*Watertown Gas & Electric Co., Kenosha, Wis.
*Waterville & Fairfield Railway & Light Co., Augusta, Me.
*Waterville Light & Power Co., Sherbrooke, Que.
*Watsonville Light & Water Co., Santa Cruz, Cal.
*Waukegan Electric Light Co., Chicago, Ill.
Wayne Power Co., Sodus, N. Y.
Weaver Electric Co., Weaverville, N. C.
*Webb City Gas Engine Gen. Plant, Joplin, Mo.
Webster County Light & Power Co., Blue Hill, Neb.
*Weedsport Electric Light Co., Auburn, N. Y.
*Weir City Lt. & Wtr. Co., Joplin, Mo.
Wells Lumber Co. (Electric Light Plant), Lumberton, Miss.
Wells Power Co., Milwaukee, Wis.
*Wenstrom Electric Co., Baltimore, Md.
*West Asheville Improvement Co., Asheville, No. Car.
West Branch Light & Power Co., Stamford, N. Y.
*Westborough Gas & Electric Co., Marlboro, Mass.
Westbury Electric Light & Power Co., Cookshire, Que.
Westchester Lighting Co., Mount Vernon, N. Y.
West Chicago Park Commissioners, Chicago, Ill.
West Coast Mines Co., Champion, Ore.
*West End Electric Co., Philadelphia, Pa.
West India Electric Co., Ltd., Kingston, Jamaica, W. I.
West Indiana Utilities Co., Brazil, Indiana
West Jersey Electric Co., Wildwood, N. J.
West Kootenay Power & Light Co., Rossland, B. C.
West Penn Electric Co., The, Pittsburgh, Pa.
West Penn Light & Power Co., Leechburgh, Pa.
West Penn Lighting Co., Waynesburg, Pa.
West Penn Traction Co., Pittsburgh, Pa.
West Penn Traction & Water Pwr. Co., Pittsburgh, Pa.
West St. Louis Water & Light Co., St. Louis, Mo.
West Side Lumber Co., Tuolumne, Cal.
West Texas Electric Co., Sweetwater, Tex.
West Virginia Pulp & Paper Co., Cass, W. Va.
West Virginia Traction & Electric Co., Morgantown and Wheeling, W. Va.
West Virginia Wtr. & Lt. Co., Charleston, W. Va.
Western Canada Power Co., Ltd., Vancouver, B. C.
Western Colorado Power Co., Montrose, Colo.
*Western Counties Electric Co., Ltd., Hamilton, Ont.
Western Electric Co., Jamestown, N. D.
Western General Electric Co., Ltd., Red Deer, Alta.
Western Light & Power Co., The, Boulder, Colo.
Western Light & Power Co., Washougal, Wash.
Western Mesaba Electric Co., Bovey, Minn.
Western New York Electric Co., Jamestown, N. Y.
Western Power Co., San Francisco, Cal.
Western Railways & Light Co., Peoria, Ill.
Western States Gas & Electric Co., Eureka, Richmond and Stockton, Cal.
Western United Gas & Electric Co., Aurora, Ill.
Western Utilities Corporation, Devils Lake, N. D.
Western Vermont Power & Light Co., The, Fairhaven, Vt.
Westmoreland Electric Co., Greensburg, Pa.
*Weston Electric Light Co., Boston, Mass.
Wetmore Electric Co., Lowville, N. Y.
*Wetumpeka Power Co., Birmingham, Ala.
Weymouth Light & Power Co., East Weymouth, Mass.
*Whatcom County Railway & Light Co., Seattle, Wash.
Wherland Electric Co., Morgan, Minn.
*White Bear Electric Co., Stillwater, Minn.
White & Co., J. G., Inc., New York, N. Y.
White Engineering Corporation, The J. G., New York, N. Y.
White Management Corporation, The J. G., New York, N. Y.
*White Power Co., James, Athens, Ga.
White Oak Light, Heat & Power Co., Hollsopple, Pa.
White River Electric Co., Randolph, Vt.
White River Corporation, The, Noblesville, Ind.
*White River Ice & Coal Co., Clarendon, Ark.
*Wilbur Elecl. Co., Spokane, Wash.
Willapa Electric Co., Raymond, Wash.
*Willapa Harbor Railway Co., Raymond, Wash.
Willetts, Ltd., Chambly Canton, Que.
*Willams Valley Light, Heat & Power Co., Williamstown, Pa.
*Willows Water & Light Co., San Francisco, Cal.
Willsbrook Electric Light Co., Netcong, N. J.
Winona Electric Light & Water Co., The, Warsaw, Ind.
*Winona (Minn.) Railway & Light Co., La Crosse, Wis.
Winooski Valley Power Co., Burlington, Vt.

*Winston-Salem Pwr. Co., Charlotte, N. C.
*Winter Park Electric & Fuel Co., Orlando, Fla.
Wisconsin Edison Co., Inc., The, Milwaukee, Wis.
Wisconsin Foundry & Steel Works, (Elec. Lt. Plant) Cedar Grove, Wis.
Wisconsin Gas & Electric Co., Kenosha, Wis.
Wisconsin Log & Mfg. Co., Boyd, Wis.
Wisconsin-Minnesota Light & Power Co., Eau Claire, Wis.
Wisconsin Public Service Co., Green Bay, Wis.
Wisconsin Railway, Light & Power Co., La Crosse, Wis.
Wisconsin River Power Co., Madison, Wis.
Wisconsin Traction, Light, Heat & Power Co., Appleton, Wis.
Wisconsin Valley Electric Co., Wausau, Wis.
*Wissahicken Electric Light Co., Philadelphia, Pa.
*Woburn Light, Heat & Power Co., Boston, Mass.
Wofford Shoals Light & Power Co., Cornelia, Ga.
Woodbourne Electric Light, Heat & Power Co., Sussex, N. J.
Woodbury Granite Co., Hardwick, Vt.
*Woodville Electric Light Co., Boston, Mass.
*Woonsocket Electric Machine & Power Co., Pawtucket, R. I.
*Woonsocket Gas Co., Pawtucket, R. I.
Worcester Lumber Co., Ltd. Chassell, Mich.
Worcester Suburban Electric Co., Uxbridge, Mass.
*Wyoming Valley Electric Light, Heat & Power Co., The, Wilkes-Barre, Pa.

Yadkin River Power Co., Rockingham, N. C.
Yamhill Electric Co., Newberg, Ore.
Yaquina Electric Co., Newport, Ore.
Yates Electric Light & Power Co., Penn Yan, N. Y.
York County Power Co., Biddeford, Me.
*York Light & Heat Co., Biddeford, Me.
Yosemite Power Co., La Grange, Cal.
Yukon Electrical Co., White Horse, Yukon Territory.

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